

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005554.D
 Acq On : 14 May 2021 18:08
 Operator : CG/JU
 Sample : M2371-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-206MSD

Manual Integrations
 APPROVED

mohammad
 5/17/2021 11:19:34 AM

5/17/2021 11:19:34 AM

Quant Time: May 14 19:15:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	9621	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	30374	20.00	ng	# 0.00
39) Acenaphthene-d10	14.334	164	24076	20.00	ng	# 0.00
64) Phenanthrene-d10	17.087	188	57351	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	91373	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	114824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	68067	135.77	ng	0.00
7) Phenol-d6	6.881	99	72797	116.45	ng	0.00
23) Nitrobenzene-d5	8.846	82	71954	93.24	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	84411	123.55	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	185622	86.97	ng	0.00
79) Terphenyl-d14	19.663	244	446394	82.97	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	8526	44.06	ng	# 53
3) Pyridine	3.587	79	18179	40.95	ng	# 83
4) n-Nitrosodimethylamine	3.481	42	17746	49.71	ng	# 6
6) Aniline	7.016	93	7760	11.50	ng	# 85
8) 2-Chlorophenol	7.246	128	26854	49.87	ng	# 88
9) Benzaldehyde	6.828	77	19576	63.54	ng	# 79
10) Phenol	6.905	94	28472	45.54	ng	# 50
11) bis(2-Chloroethyl)ether	7.116	93	21061	48.77	ng	# 89
12) 1,3-Dichlorobenzene	7.564	146	32361	45.17	ng	# 80
13) 1,4-Dichlorobenzene	7.711	146	34027	47.65	ng	# 95
14) 1,2-Dichlorobenzene	8.022	146	32276	47.16	ng	# 98
15) Benzyl Alcohol	7.940	79	30658	50.84	ng	# 78
16) 2,2'-oxybis(1-Chloropr...	8.222	45	10112	47.43	ng	# 68
17) 2-Methylphenol	8.152	107	21126	49.20	ng	# 83
18) Hexachloroethane	8.740	117	12668	42.83	ng	# 92
19) n-Nitroso-di-n-propyla...	8.493	70	22705	49.60	ng	# 93
20) 3+4-Methylphenols	8.481	107	27315	47.85	ng	# 91
22) Acetophenone	8.511	105	42251	49.31	ng	# 86
24) Nitrobenzene	8.887	77	36075	46.60	ng	# 93
25) Isophorone	9.410	82	53149	44.47	ng	# 98
26) 2-Nitrophenol	9.599	139	14659	45.22	ng	# 84
27) 2,4-Dimethylphenol	9.669	122	21803	50.82	ng	# 83
28) bis(2-Chloroethoxy)met...	9.899	93	26048	52.07	ng	# 98
29) 2,4-Dichlorophenol	10.152	162	31012	46.03	ng	# 92
30) 1,2,4-Trichlorobenzene	10.334	180	40176	46.68	ng	# 97
31) Naphthalene	10.516	128	75951	46.50	ng	# 98
32) Benzoic acid	9.869	122	12955	39.09	ng	# 65
33) 4-Chloroaniline	10.657	127	4783	7.52	ng	# 95
34) Hexachlorobutadiene	10.793	225	32264	44.95	ng	# 96
35) Caprolactam	11.469	113	5306m	34.23	ng	#
36) 4-Chloro-3-methylphenol	11.804	107	27438	45.68	ng	# 92
37) 2-Methylnaphthalene	12.140	142	61577	47.00	ng	# 95
38) 1-Methylnaphthalene	12.357	142	56883	45.99	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.516	216	51842	46.87	ng	# 97
41) Hexachlorocyclopentadiene	12.481	237	22149	50.81	ng	# 99
43) 2,4,6-Trichlorophenol	12.775	196	30290	43.83	ng	# 94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005554.D
 Acq On : 14 May 2021 18:08
 Operator : CG/JU
 Sample : M2371-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-206MSD

Manual Integrations
 APPROVED

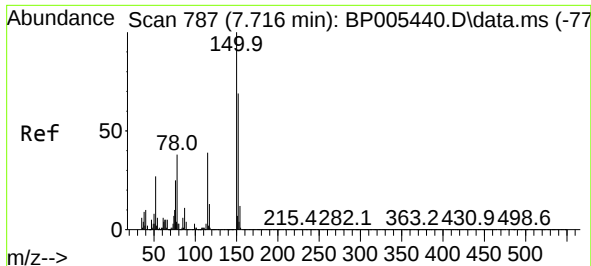
mohammad
 5/17/2021 11:19:34 AM

5/17/2021 11:19:34 AM

Quant Time: May 14 19:15:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	33297	44.64	ng	92
46) 1,1'-Biphenyl	13.163	154	88615	47.80	ng	97
47) 2-Chloronaphthalene	13.204	162	71240	46.16	ng	99
48) 2-Nitroaniline	13.434	65	22583	51.51	ng	94
49) Acenaphthylene	14.051	152	105556	47.47	ng	98
50) Dimethylphthalate	13.804	163	97266	46.80	ng	100
51) 2,6-Dinitrotoluene	13.934	165	19981	42.81	ng	89
52) Acenaphthene	14.398	154	62828	45.41	ng	96
53) 3-Nitroaniline	14.269	138	5916	17.69	ng	# 98
54) 2,4-Dinitrophenol	14.493	184	17398	61.80	ng	# 65
55) Dibenzofuran	14.734	168	115175	44.26	ng	98
56) 4-Nitrophenol	14.616	139	21171	83.88	ng	# 75
57) 2,4-Dinitrotoluene	14.728	165	30914	44.93	ng	# 86
58) Fluorene	15.387	166	94653	44.55	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.975	232	33169	44.48	ng	# 97
60) Diethylphthalate	15.169	149	90769	45.09	ng	99
61) 4-Chlorophenyl-phenyle...	15.381	204	59187	44.51	ng	95
62) 4-Nitroaniline	15.434	138	11625	36.19	ng	# 79
63) Azobenzene	15.675	77	95990	46.26	ng	85
65) 4,6-Dinitro-2-methylph...	15.498	198	13757	30.27	ng	92
66) n-Nitrosodiphenylamine	15.604	169	80643	48.18	ng	94
67) 4-Bromophenyl-phenylether	16.275	248	44349	49.54	ng	96
68) Hexachlorobenzene	16.392	284	55861	49.20	ng	99
69) Atrazine	16.569	200	38952	49.82	ng	98
70) Pentachlorophenol	16.751	266	57908	96.13	ng	98
71) Phenanthrene	17.134	178	161076	49.43	ng	98
72) Anthracene	17.222	178	164793	50.95	ng	99
73) Carbazole	17.504	167	136348	47.87	ng	100
74) Di-n-butylphthalate	18.057	149	149442	47.80	ng	# 96
75) Fluoranthene	19.110	202	229862	51.28	ng	97
77) Benzidine	19.304	184	79606	56.28	ng	97
78) Pyrene	19.463	202	237789	45.97	ng	99
80) Butylbenzylphthalate	20.339	149	76112	45.54	ng	87
81) Benzo(a)anthracene	21.175	228	291197	49.18	ng	97
82) 3,3'-Dichlorobenzidine	21.110	252	101940	45.70	ng	95
83) Chrysene	21.228	228	289212	50.39	ng	99
84) Bis(2-ethylhexyl)phtha...	21.098	149	113982	44.60	ng	# 97
85) Di-n-octyl phthalate	21.986	149	209108	48.71	ng	# 91
87) Indeno(1,2,3-cd)pyrene	25.910	276	523766	54.22	ng	# 97
88) Benzo(b)fluoranthene	22.798	252	387593	50.66	ng	# 96
89) Benzo(k)fluoranthene	22.845	252	363893	48.64	ng	# 99
90) Benzo(a)pyrene	23.398	252	359295	51.23	ng	# 97
91) Dibenzo(a,h)anthracene	25.910	278	456850	53.60	ng	# 99
92) Benzo(g,h,i)perylene	26.639	276	417268	52.91	ng	# 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

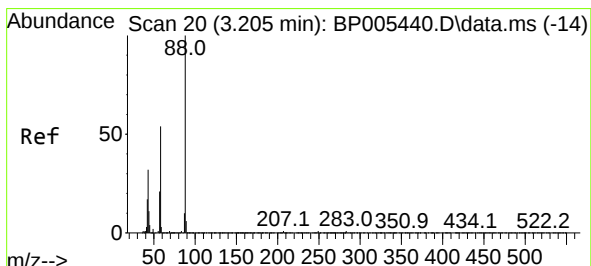
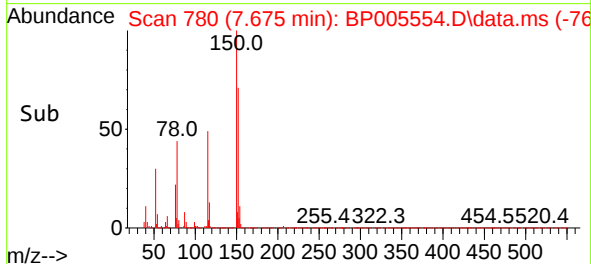
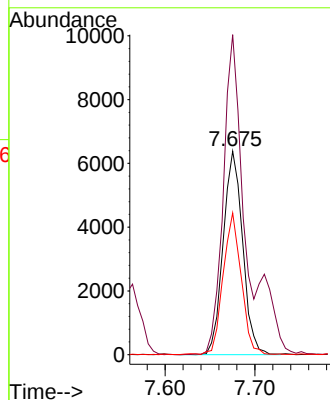
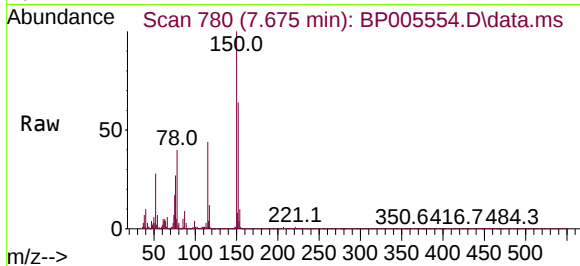
Tgt Ion: 152 Resp: 9621
Ion Ratio Lower Upper
152 100
150 157.3 119.8 179.8
115 69.7 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

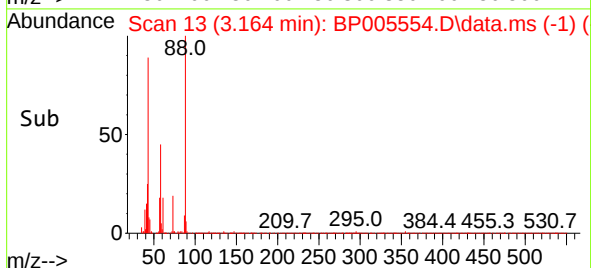
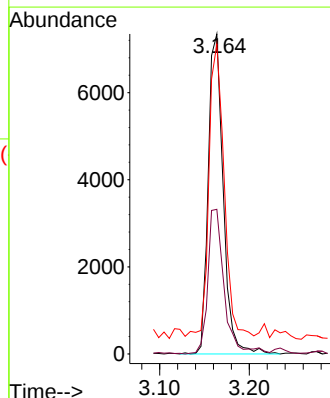
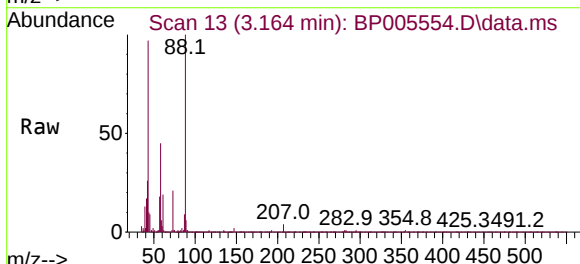
mohammad
5/17/2021 11:19:34 AM

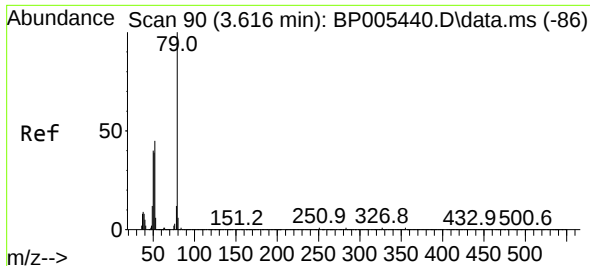
5/17/2021 11:19:34 AM



#2
1,4-Dioxane
Concen: 44.06 ng
RT: 3.164 min Scan# 13
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion: 88 Resp: 8526
Ion Ratio Lower Upper
88 100
58 47.8 42.5 63.7
43 90.1 19.8 29.8#





#3
Pyridine
Concen: 40.95 ng
RT: 3.587 min Scan# 85
Delta R.T. 0.018 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

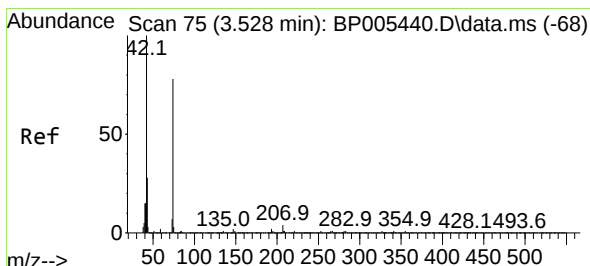
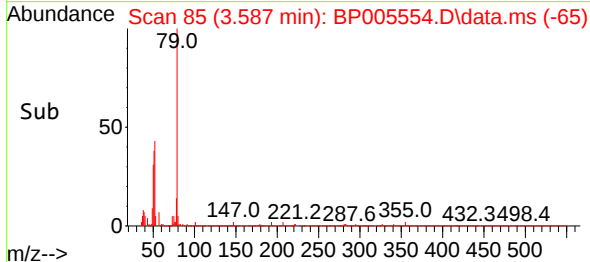
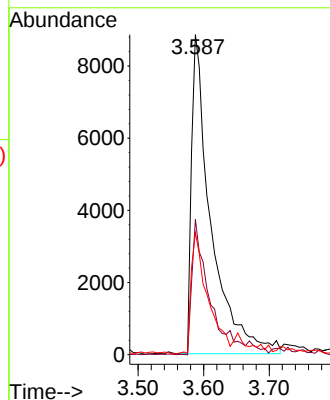
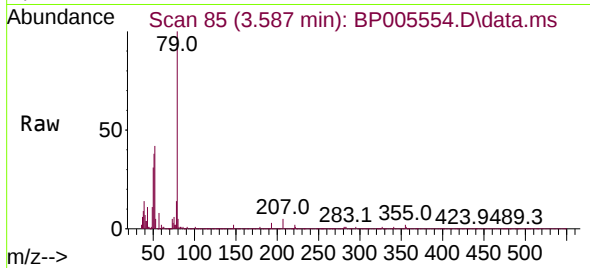
Tgt Ion	Ratio	Lower	Upper
79	100		
52	42.3	40.3	60.5
51	38.1	20.0	30.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

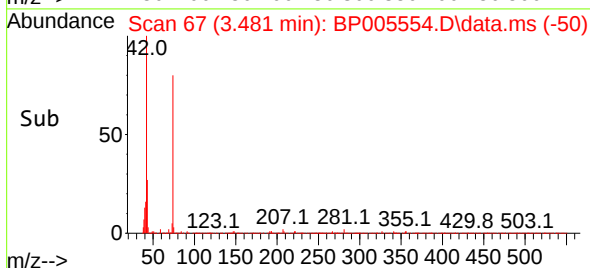
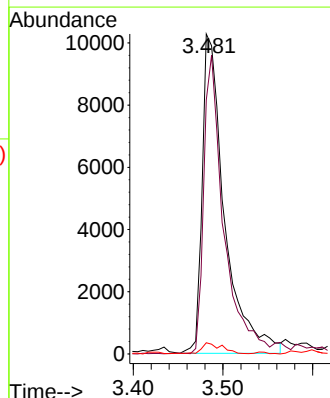
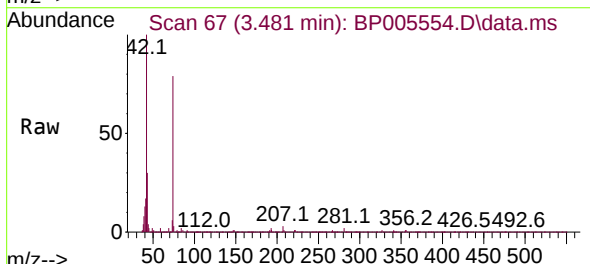
mohammad
5/17/2021 11:19:34 AM

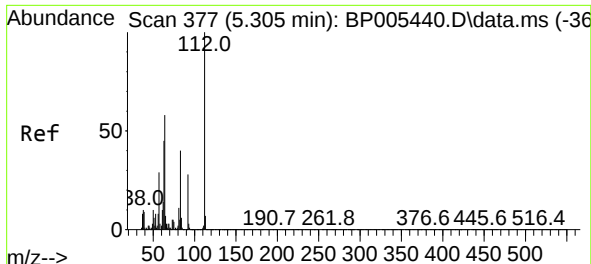
5/17/2021 11:19:34 AM



#4
n-Nitrosodimethylamine
Concen: 49.71 ng
RT: 3.481 min Scan# 67
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	79.4	122.6	183.8
44	3.5	146.9	220.3





#5
2-Fluorophenol
Concen: 135.77 ng
RT: 5.275 min Scan# 372
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

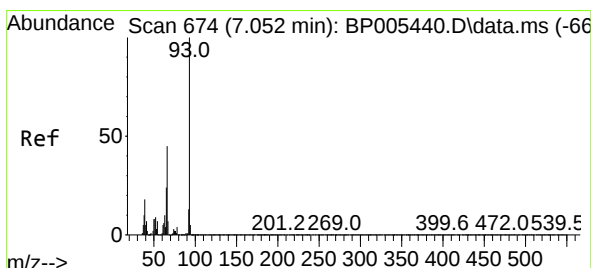
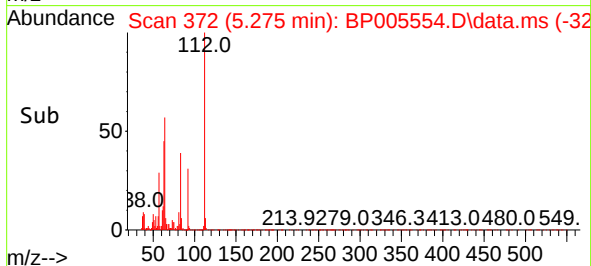
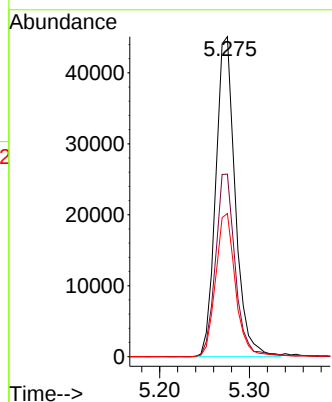
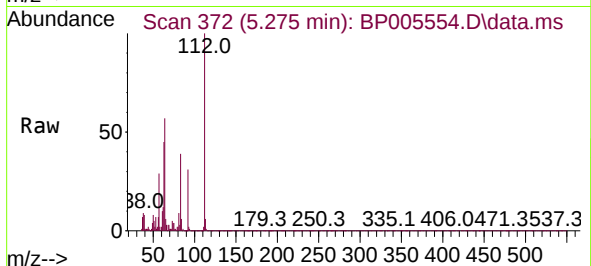
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	33.6	50.4#
63	44.7	18.6	27.8#

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

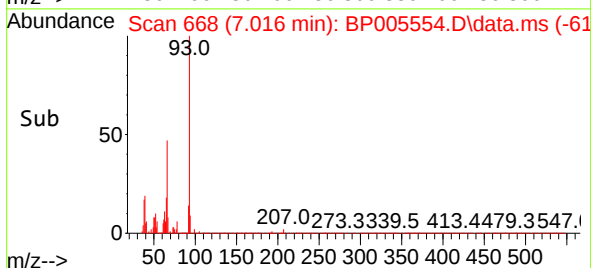
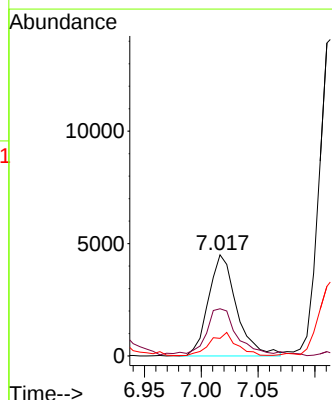
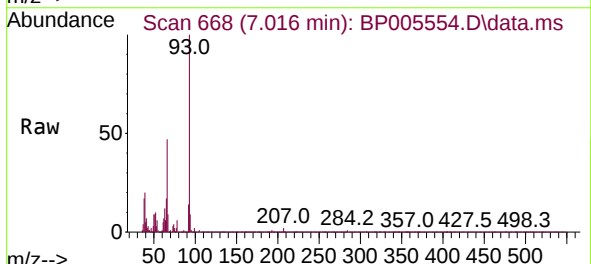
mohammad
5/17/2021 11:19:34 AM

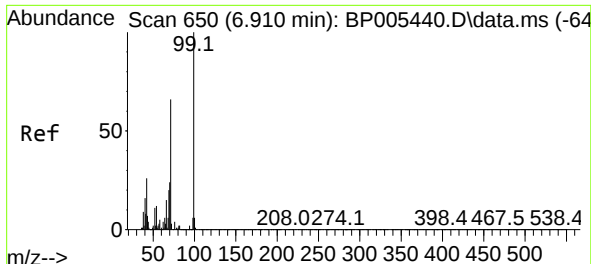
5/17/2021 11:19:34 AM



#6
Aniline
Concen: 11.50 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.6	27.0	40.4#
65	17.5	14.4	21.6





#7
Phenol-d6
Concen: 116.45 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

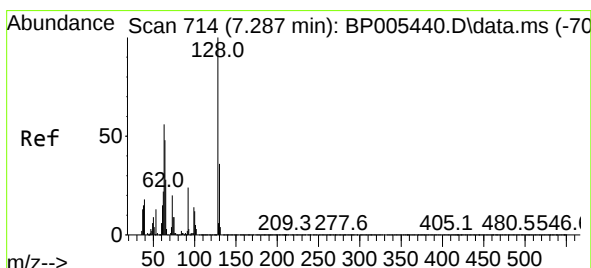
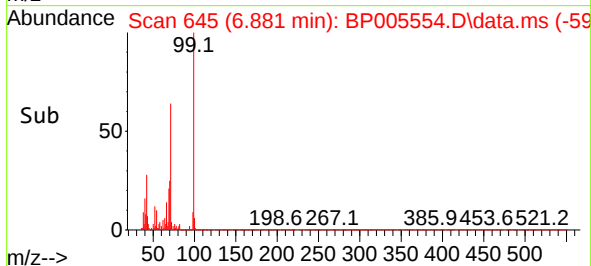
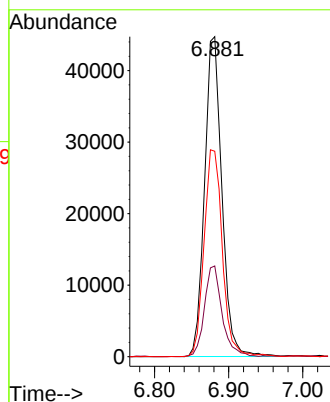
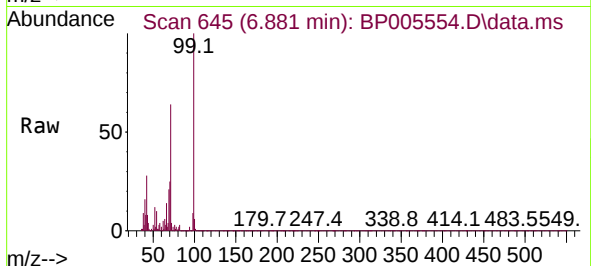
Tgt Ion	Ratio	Lower	Upper
99	100		
42	28.3	12.9	19.3#
71	64.2	26.7	40.1#

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

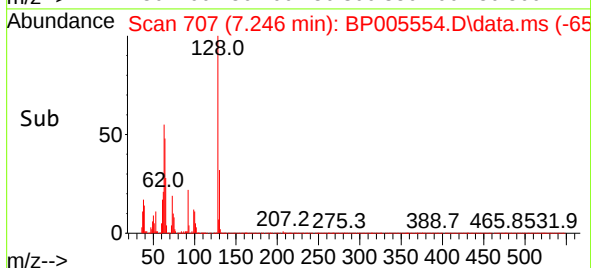
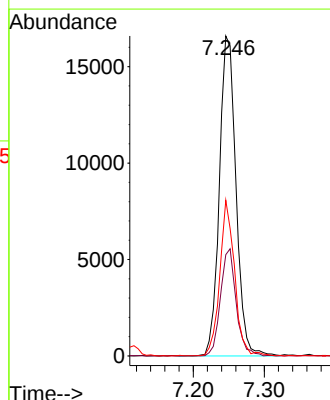
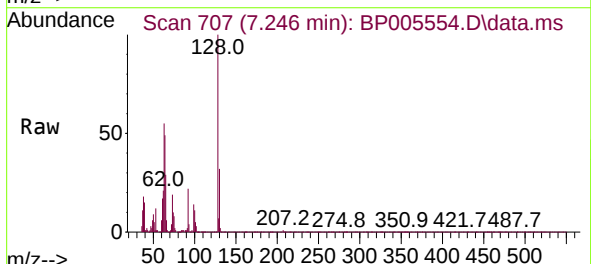
mohammad
5/17/2021 11:19:34 AM

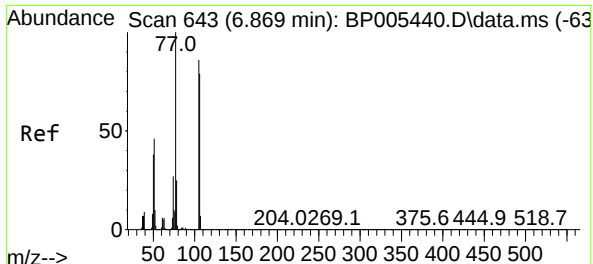
5/17/2021 11:19:34 AM



#8
2-Chlorophenol
Concen: 49.87 ng
RT: 7.246 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.6	14.1	54.1
64	48.6	17.2	57.2





#9
Benzaldehyde
Concen: 63.54 ng
RT: 6.828 min Scan# 636
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

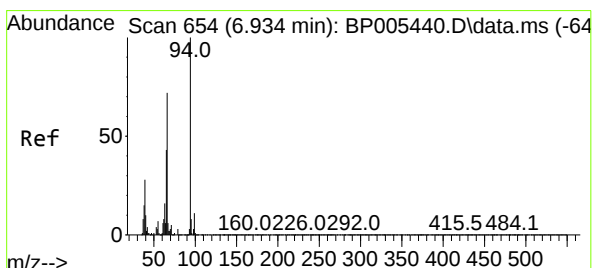
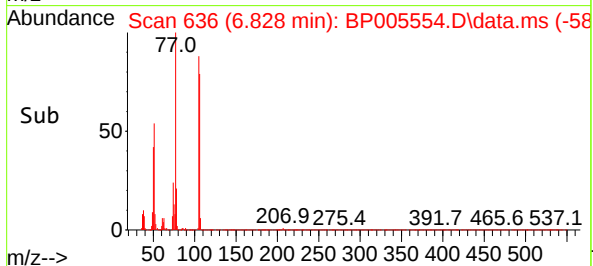
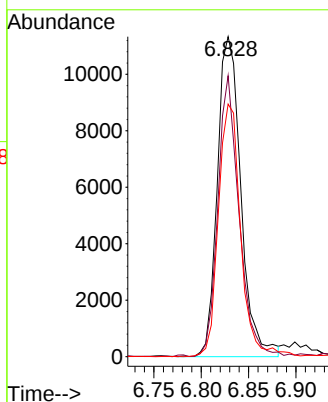
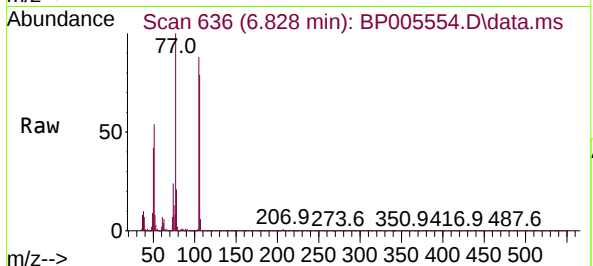
Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Tgt Ion: 77 Resp: 19576
Ion Ratio Lower Upper
77 100
105 87.8 89.4 129.4#
106 79.0 79.9 119.9#

Manual Integrations
APPROVED

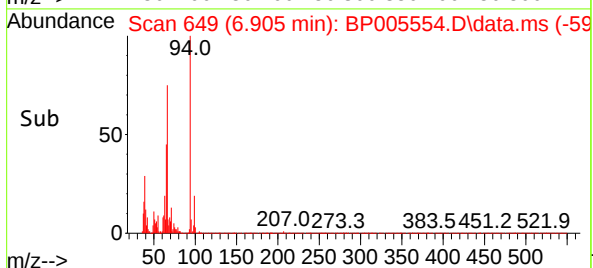
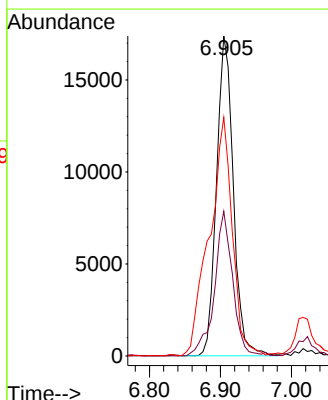
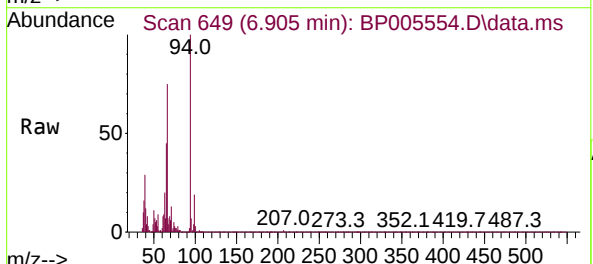
mohammad
5/17/2021 11:19:34 AM

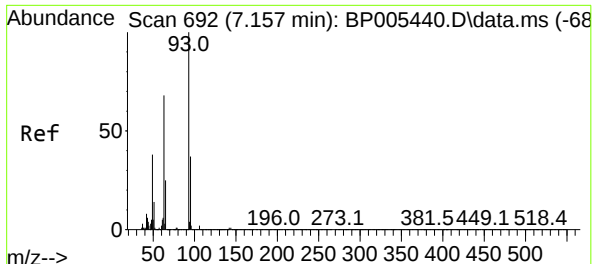
5/17/2021 11:19:34 AM



#10
Phenol
Concen: 45.54 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion: 94 Resp: 28472
Ion Ratio Lower Upper
94 100
65 45.2 8.0 48.0
66 74.6 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 48.77 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

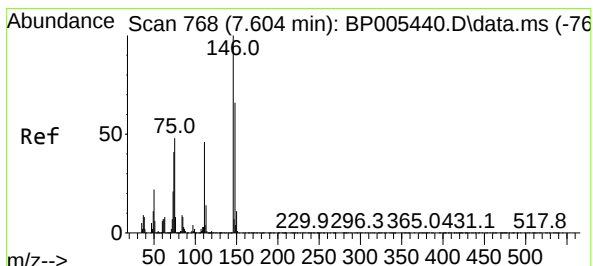
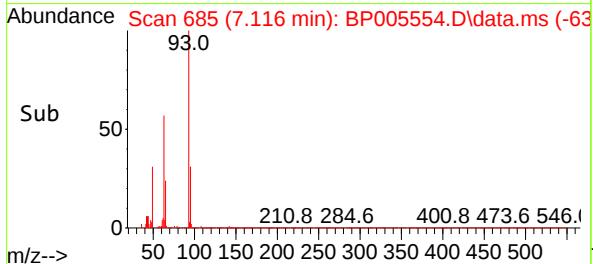
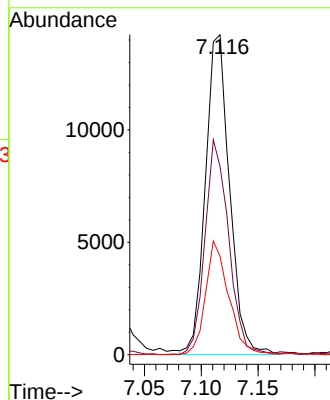
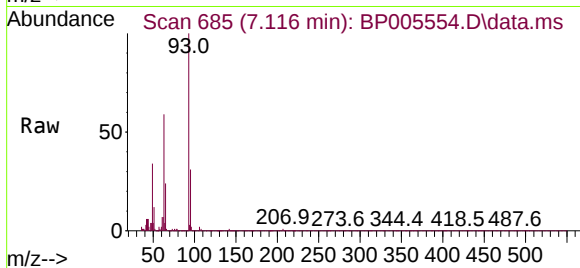
Tgt Ion:	93	Resp:	21061
Ion	Ratio	Lower	Upper
93	100		
63	58.8	49.6	89.6
95	30.8	14.4	54.4

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

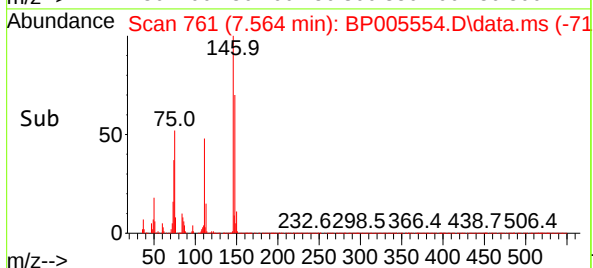
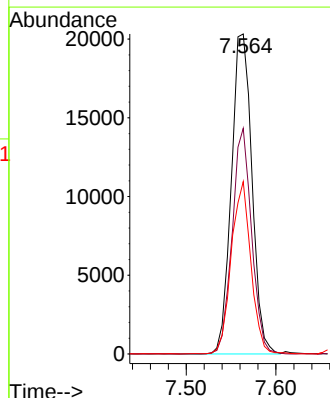
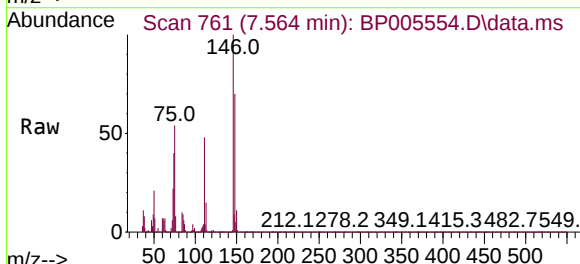
mohammad
5/17/2021 11:19:34 AM

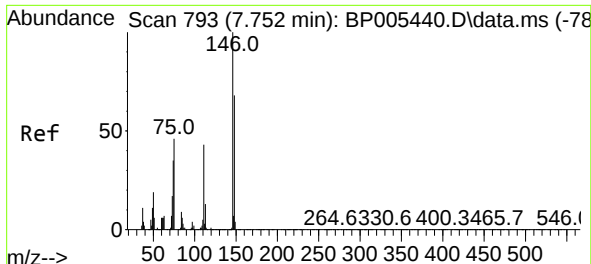
5/17/2021 11:19:34 AM



#12
1,3-Dichlorobenzene
Concen: 45.17 ng
RT: 7.564 min Scan# 761
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	146	Resp:	32361
Ion	Ratio	Lower	Upper
146	100		
148	70.5	51.4	77.0
75	53.9	23.9	35.9





#13
1,4-Dichlorobenzene
Concen: 47.65 ng
RT: 7.711 min Scan# 786
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

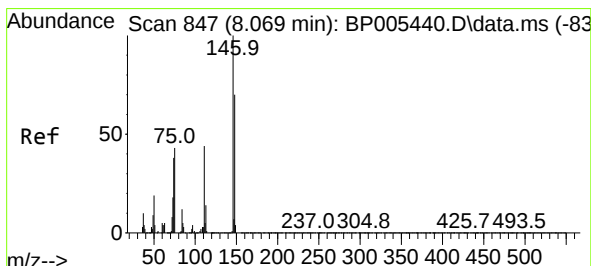
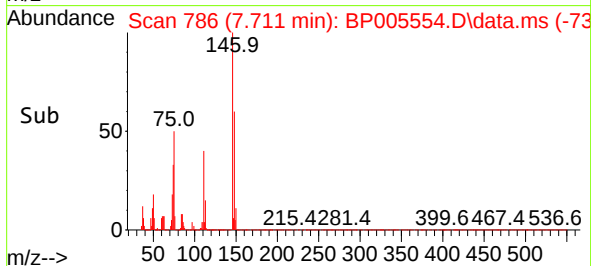
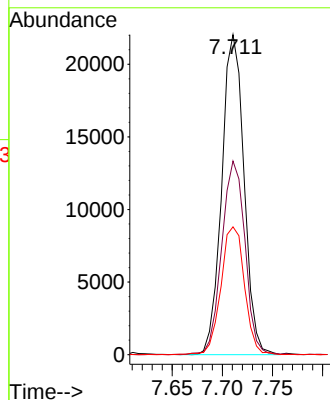
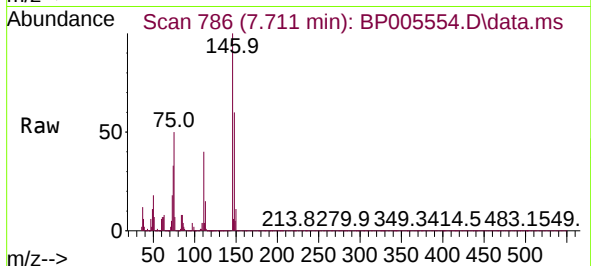
Tgt Ion:	146	Resp:	34027
Ion Ratio	Lower	Upper	
146	100		
148	60.5	52.2	78.4
111	40.0	34.2	51.4

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

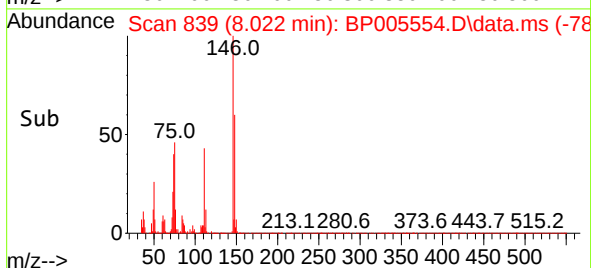
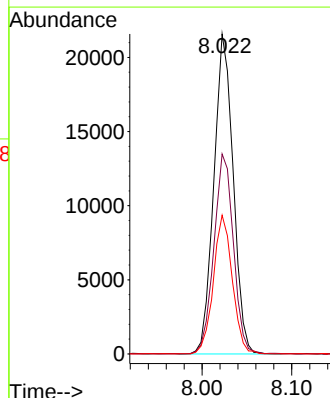
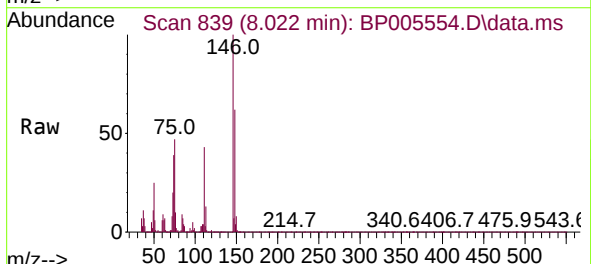
mohammad
5/17/2021 11:19:34 AM

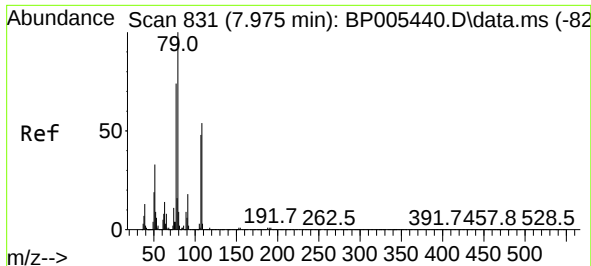
5/17/2021 11:19:34 AM



#14
1,2-Dichlorobenzene
Concen: 47.16 ng
RT: 8.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

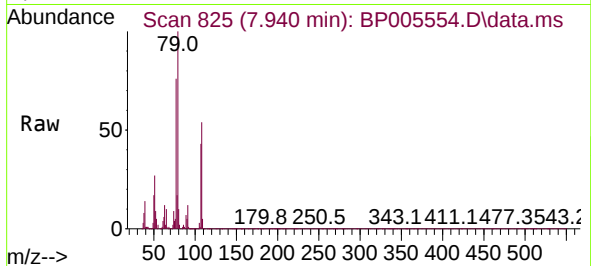
Tgt Ion:	146	Resp:	32276
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.5	77.3
111	43.4	34.0	51.0





#15
Benzyl Alcohol
Concen: 50.84 ng
RT: 7.940 min Scan# 825
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

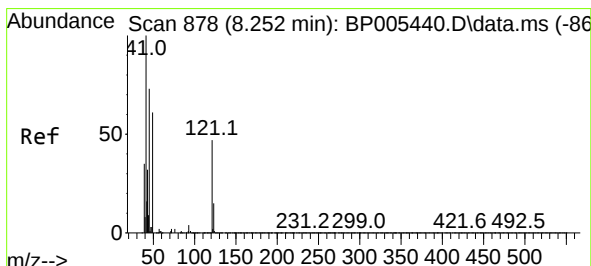
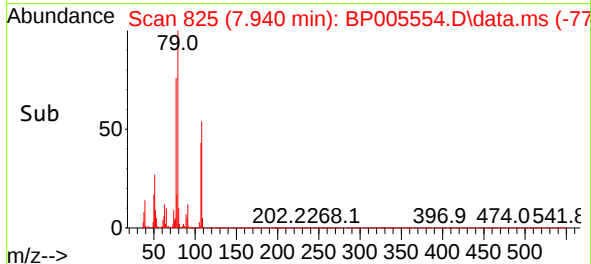
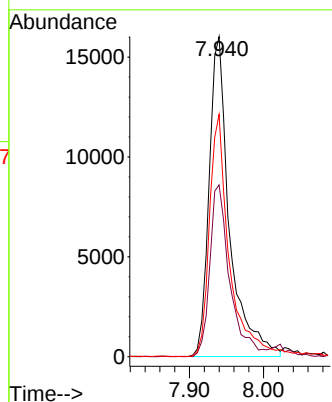


Tgt Ion: 79 Resp: 30658
Ion Ratio Lower Upper
79 100
108 53.7 64.0 96.0#
77 75.7 72.7 109.1

Manual Integrations
APPROVED

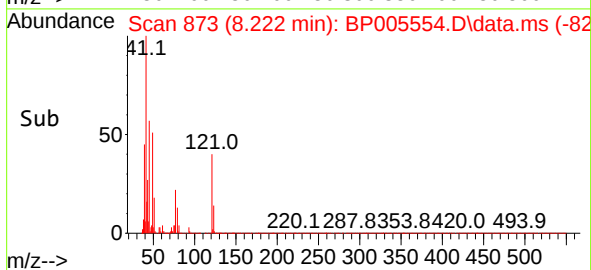
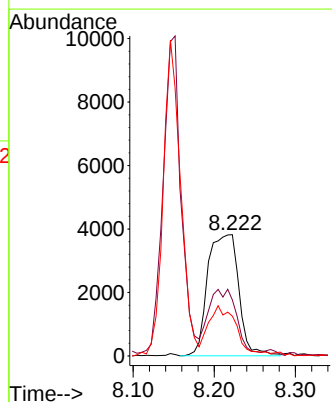
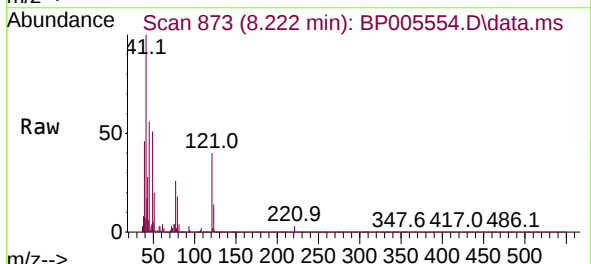
mohammad
5/17/2021 11:19:34 AM

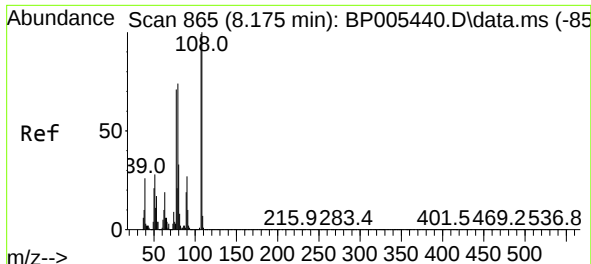
5/17/2021 11:19:34 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.43 ng
RT: 8.222 min Scan# 873
Delta R.T. 0.012 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion: 45 Resp: 10112
Ion Ratio Lower Upper
45 100
77 46.2 7.0 47.0
79 32.9 1.0 41.0





#17
2-Methylphenol
Concen: 49.20 ng
RT: 8.152 min Scan# 861
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

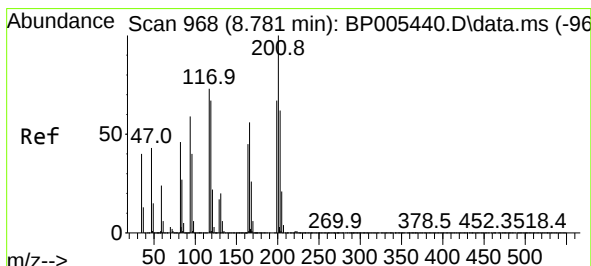
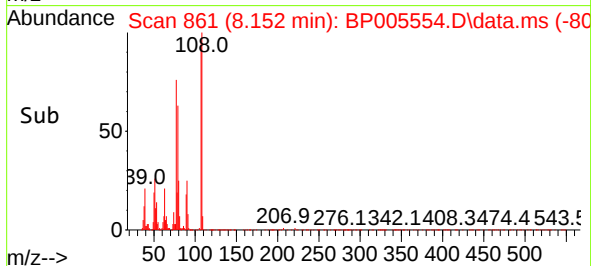
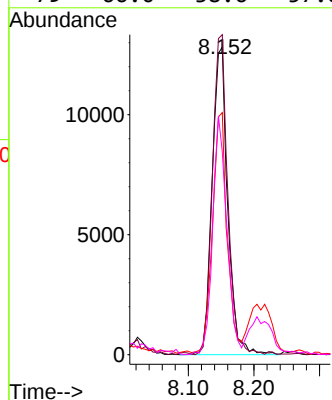
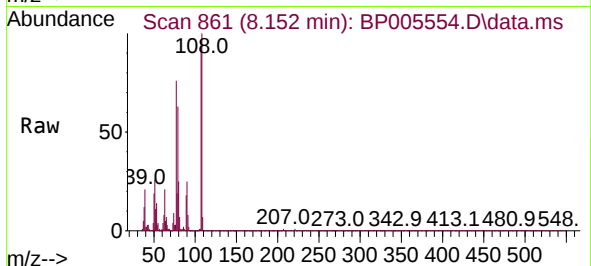
Tgt Ion	Ratio	Lower	Upper
107	100		
108	104.1	85.8	128.8
77	78.7	41.4	62.0#
79	66.0	38.6	57.8#

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

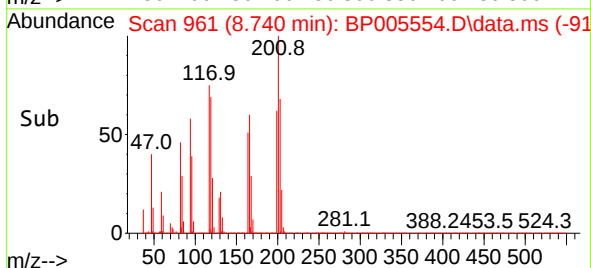
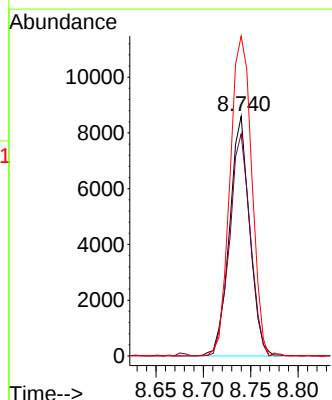
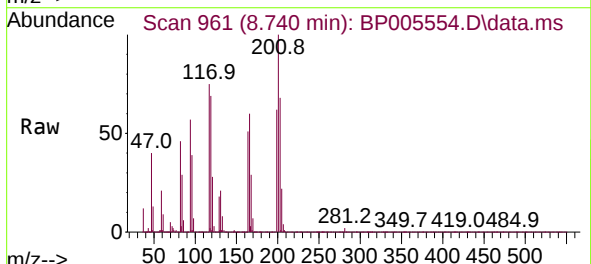
mohammad
5/17/2021 11:19:34 AM

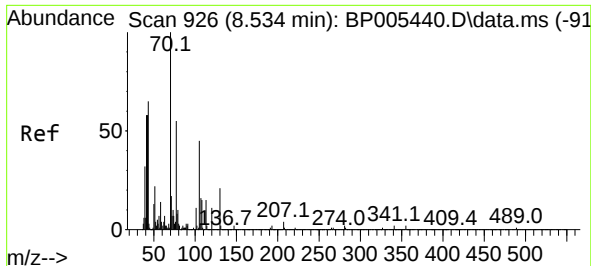
5/17/2021 11:19:34 AM



#18
Hexachloroethane
Concen: 42.83 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	80.1	120.1
201	133.5	98.8	148.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.60 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

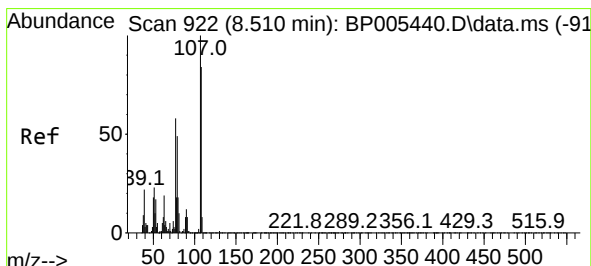
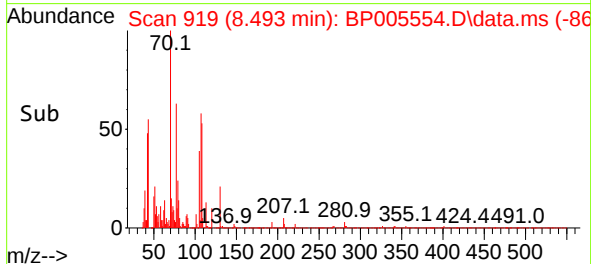
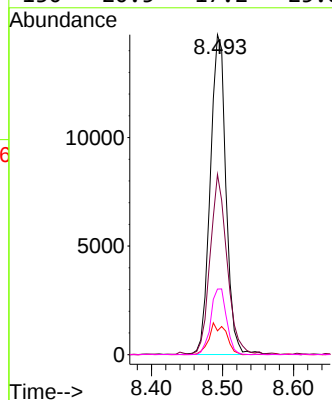
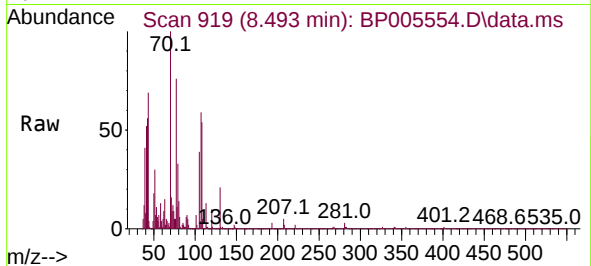
Tgt Ion:	70	Resp:	22705
Ion	Ratio	Lower	Upper
70	100		
42	56.3	39.7	59.5
101	7.5	7.4	11.0
130	20.5	17.2	25.8

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

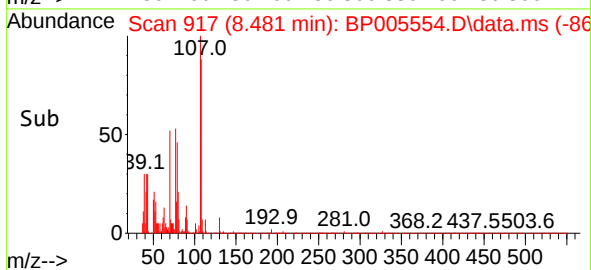
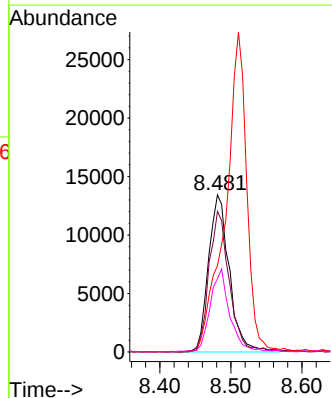
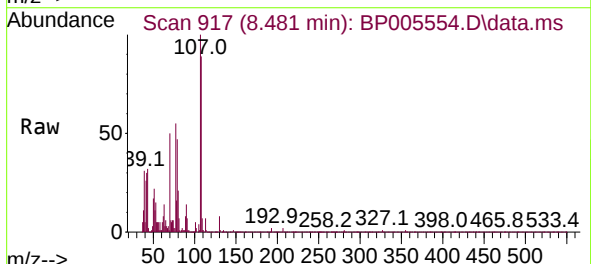
mohammad
5/17/2021 11:19:34 AM

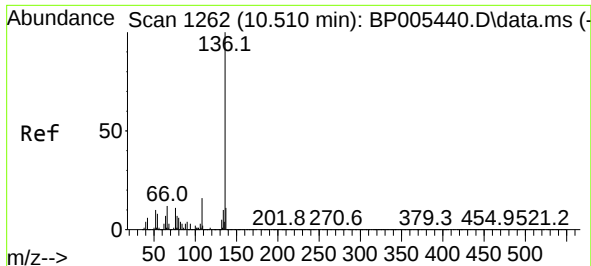
5/17/2021 11:19:34 AM



#20
3+4-Methylphenols
Concen: 47.85 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	107	Resp:	27315
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.5	109.5
77	54.8	21.5	61.5
79	46.6	16.8	56.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

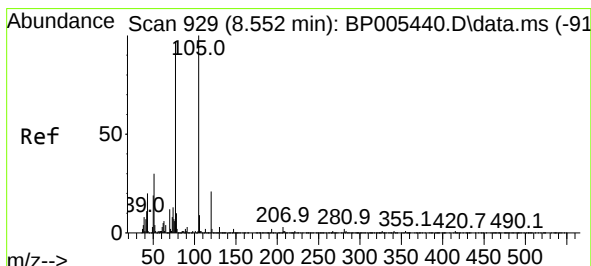
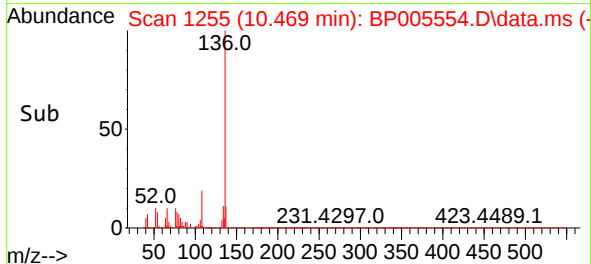
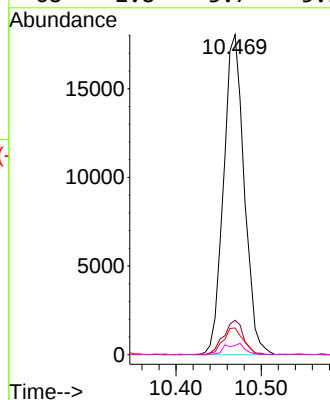
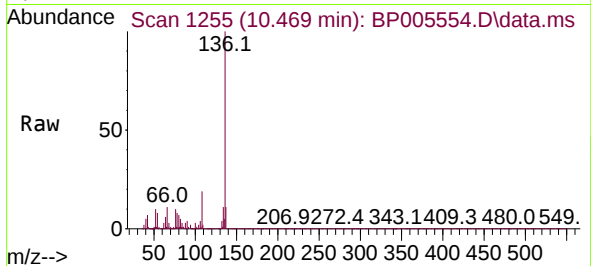
Tgt Ion:	136	Resp:	30374
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.4	5.0	7.4#
68	2.8	3.7	5.5#

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

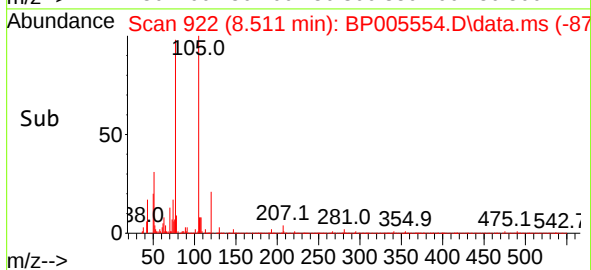
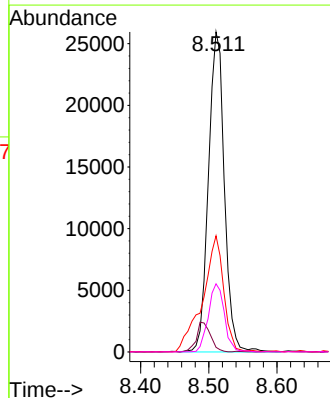
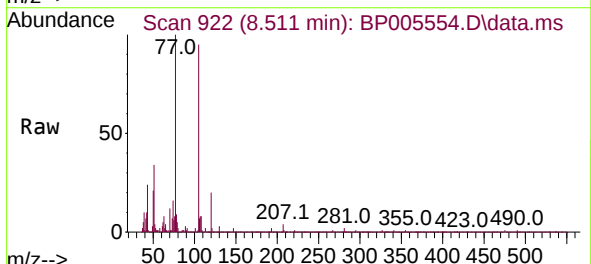
mohammad
5/17/2021 11:19:34 AM

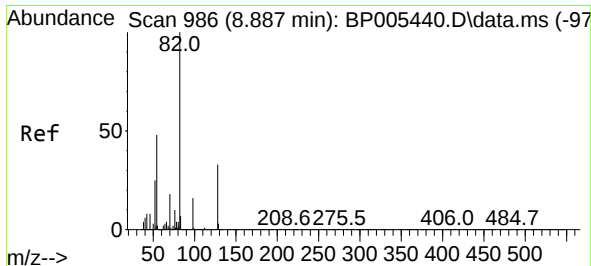
5/17/2021 11:19:34 AM



#22
Acetophenone
Concen: 49.31 ng
RT: 8.511 min Scan# 922
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	105	Resp:	42251
Ion Ratio	Lower	Upper	
105	100		
71	1.5	0.9	1.3#
51	36.3	18.2	27.2#
120	21.3	17.0	25.6





#23
Nitrobenzene-d5
Concen: 93.24 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

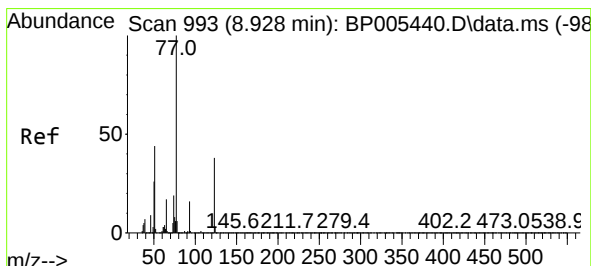
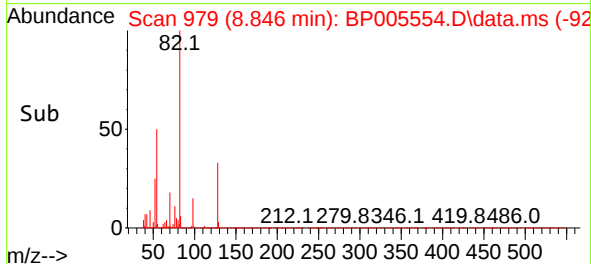
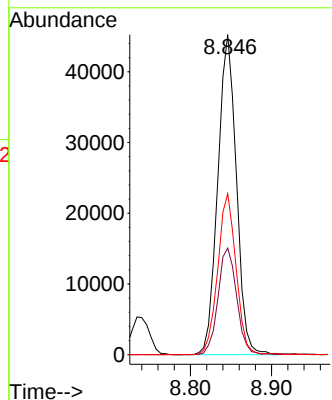
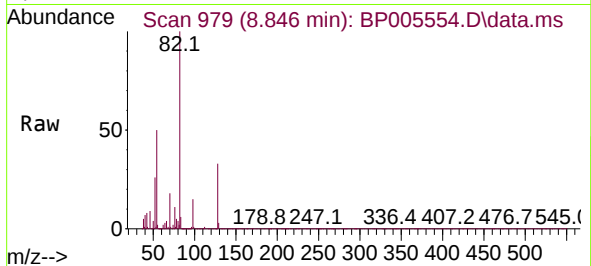
Tgt Ion:	82	Resp:	71954
Ion	Ratio	Lower	Upper
82	100		
128	33.3	30.5	45.7
54	50.3	33.9	50.9

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

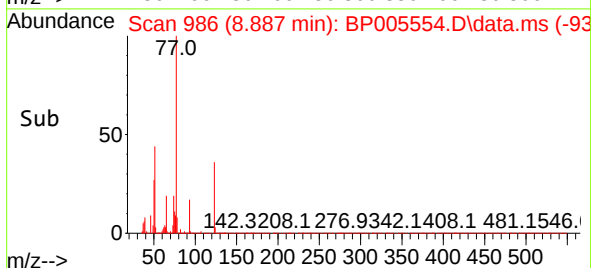
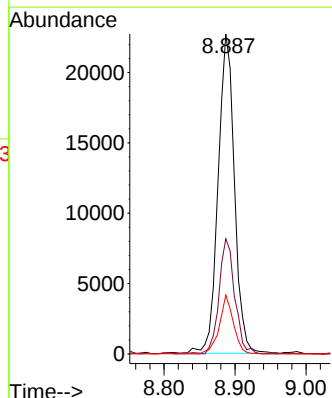
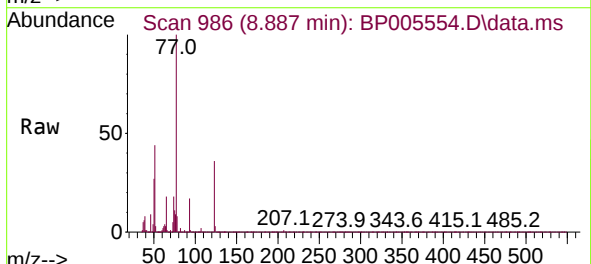
mohammad
5/17/2021 11:19:34 AM

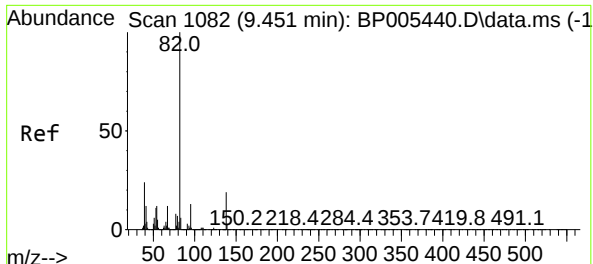
5/17/2021 11:19:34 AM



#24
Nitrobenzene
Concen: 46.60 ng
RT: 8.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	77	Resp:	36075
Ion	Ratio	Lower	Upper
77	100		
123	36.0	31.7	47.5
65	18.4	11.5	17.3





#25
Isophorone
Concen: 44.47 ng
RT: 9.410 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

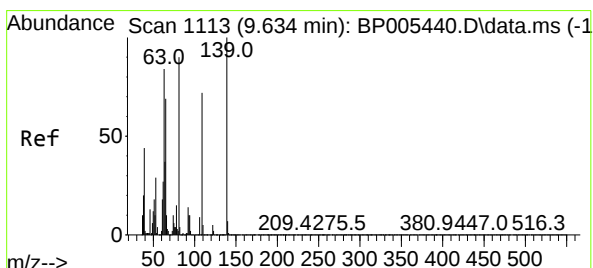
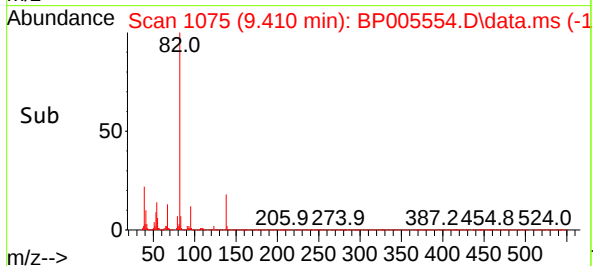
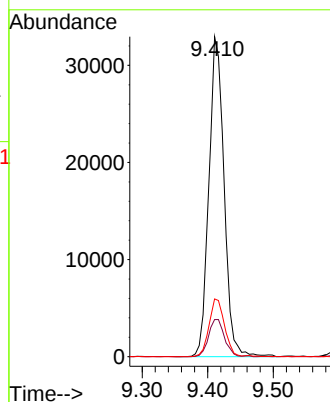
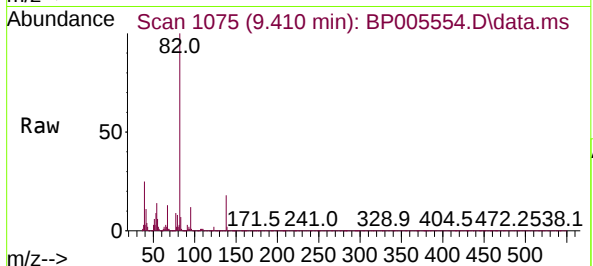
Tgt Ion:	82	Resp:	53149
Ion	Ratio	Lower	Upper
82	100		
95	11.6	7.5	11.3#
138	18.0	14.6	22.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

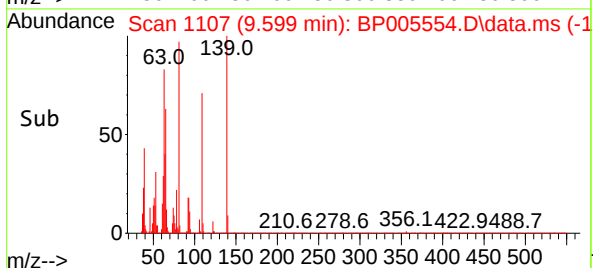
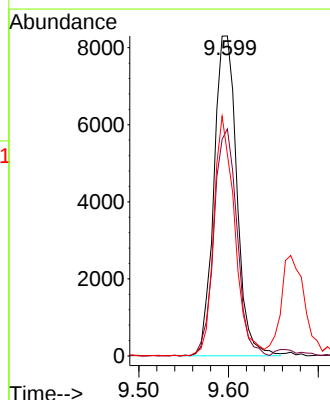
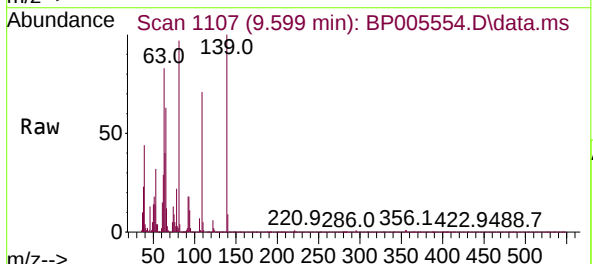
mohammad
5/17/2021 11:19:34 AM

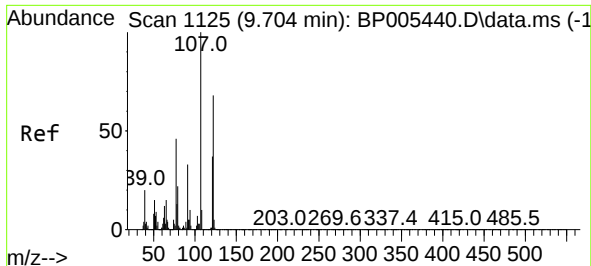
5/17/2021 11:19:34 AM



#26
2-Nitrophenol
Concen: 45.22 ng
RT: 9.599 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	139	Resp:	14659
Ion	Ratio	Lower	Upper
139	100		
109	71.0	40.7	61.1#
65	63.0	47.8	71.6





#27
2,4-Dimethylphenol
Concen: 50.82 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

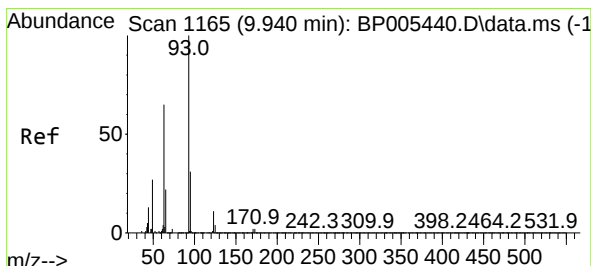
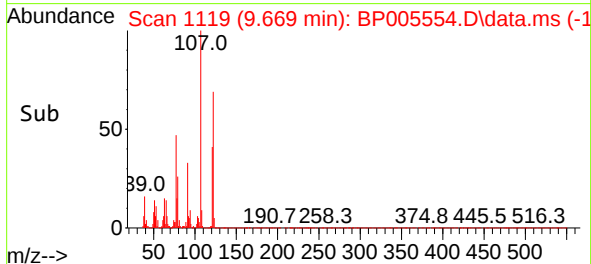
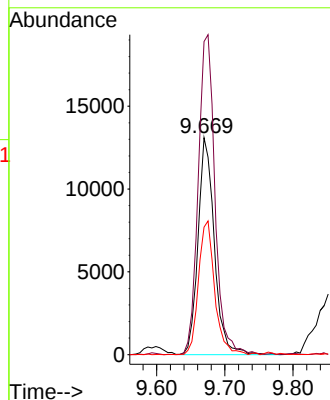
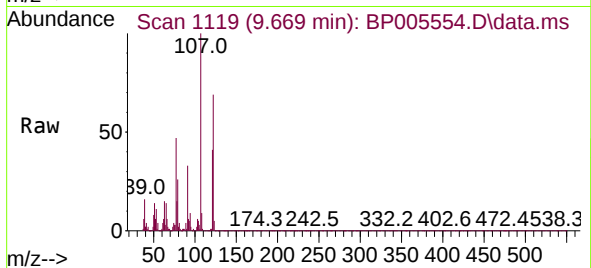
Tgt Ion	Ratio	Lower	Upper
122	100		
107	144.3	93.8	140.8#
121	58.8	45.6	68.4

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

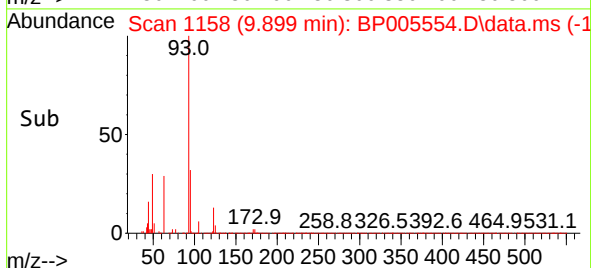
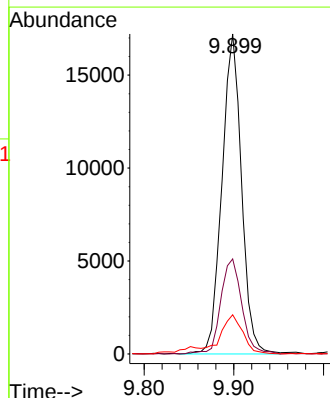
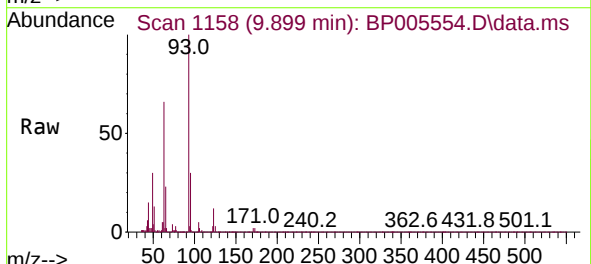
mohammad
5/17/2021 11:19:34 AM

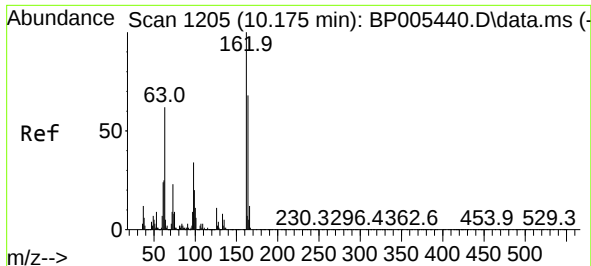
5/17/2021 11:19:34 AM



#28
bis(2-Chloroethoxy)methane
Concen: 52.07 ng
RT: 9.899 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.7	24.9	37.3
123	12.3	9.5	14.3





#29
2,4-Dichlorophenol
Concen: 46.03 ng
RT: 10.152 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

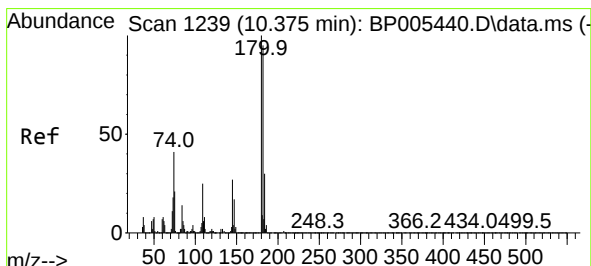
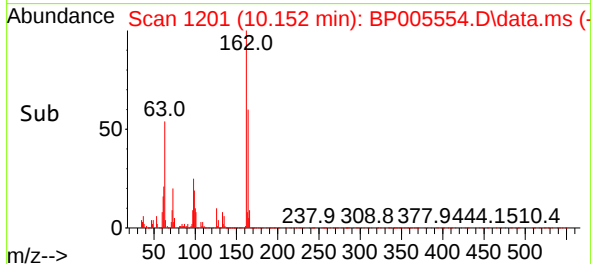
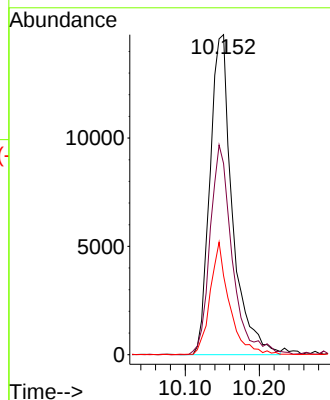
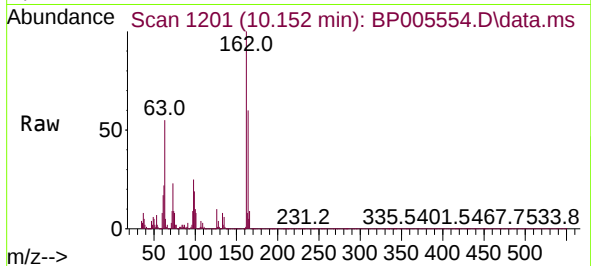
Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.8	44.1	84.1
98	24.7	12.6	52.6

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

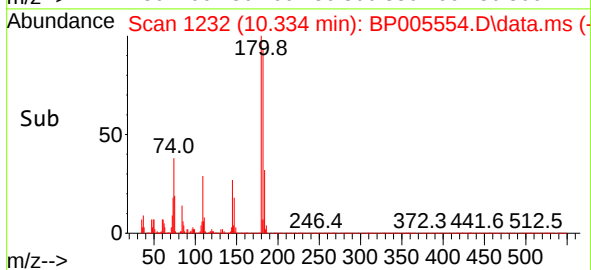
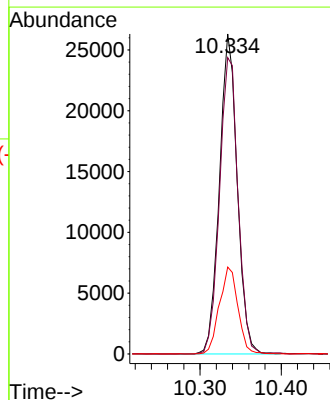
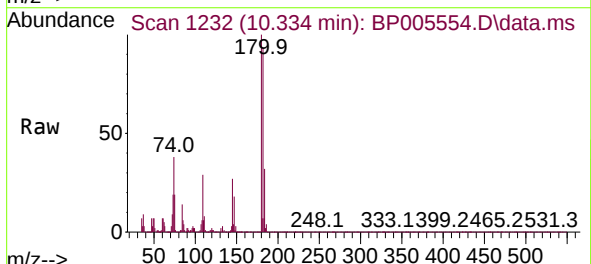
mohammad
5/17/2021 11:19:34 AM

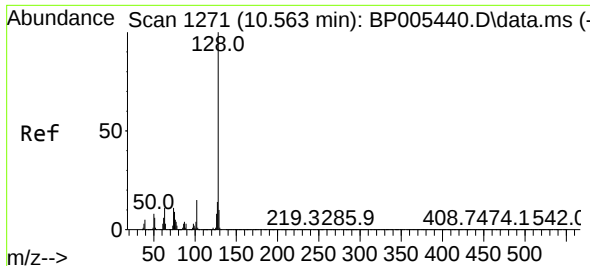
5/17/2021 11:19:34 AM



#30
1,2,4-Trichlorobenzene
Concen: 46.68 ng
RT: 10.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

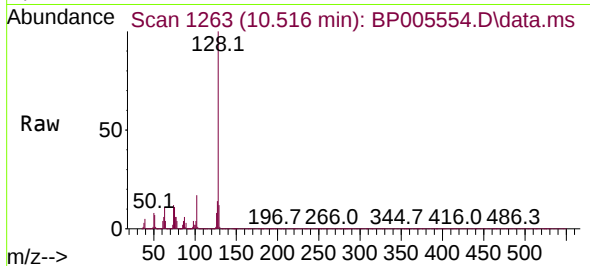
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.2	115.8
145	27.1	21.7	32.5





#31
Naphthalene
Concen: 46.50 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

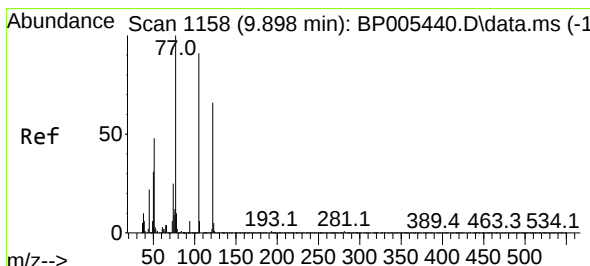
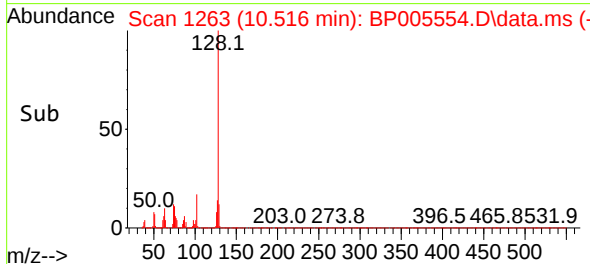
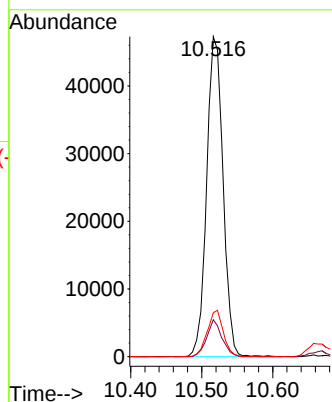


Tgt Ion:128 Resp: 75951
Ion Ratio Lower Upper
128 100
129 11.6 8.0 12.0
127 13.8 11.1 16.7

Manual Integrations
APPROVED

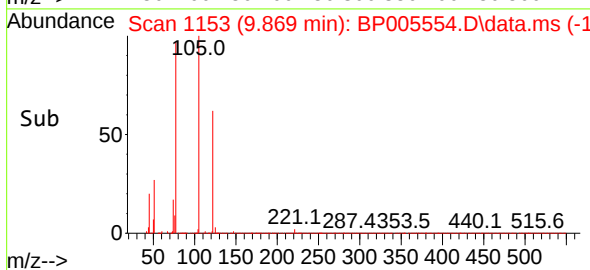
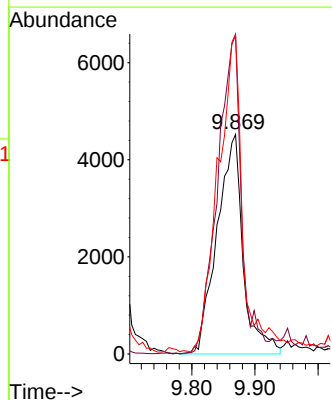
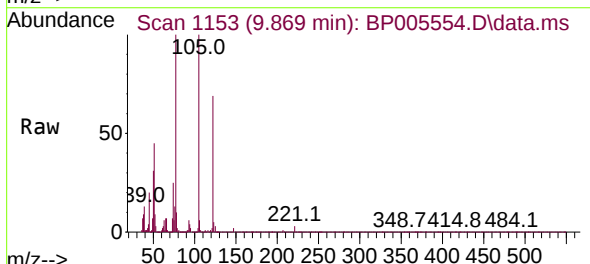
mohammad
5/17/2021 11:19:34 AM

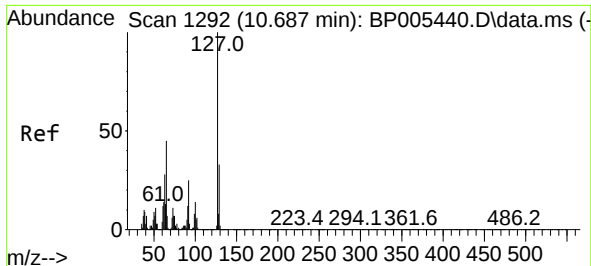
5/17/2021 11:19:34 AM



#32
Benzoic acid
Concen: 39.09 ng
RT: 9.869 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:122 Resp: 12955
Ion Ratio Lower Upper
122 100
105 145.2 105.1 145.1#
77 145.7 69.6 109.6#





#33
4-Chloroaniline
Concen: 7.52 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

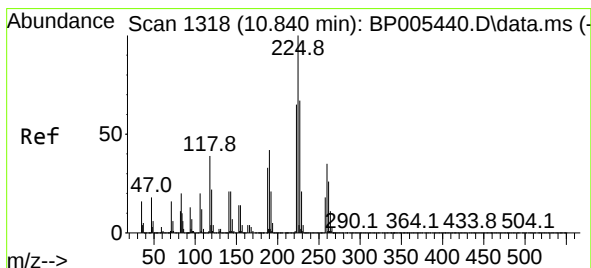
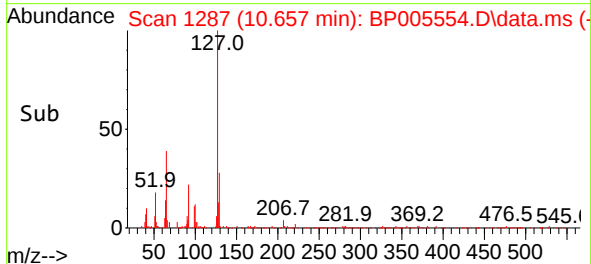
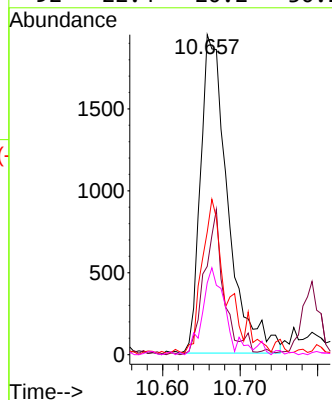
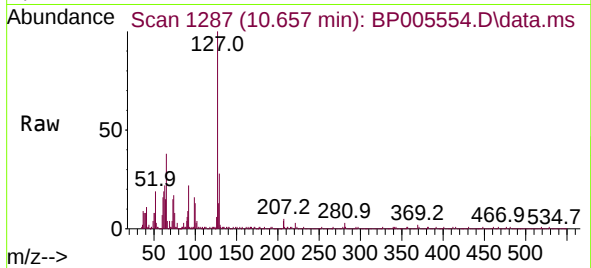
Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.6	25.5	38.3
65	38.4	30.0	45.0
92	22.4	20.2	30.2

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

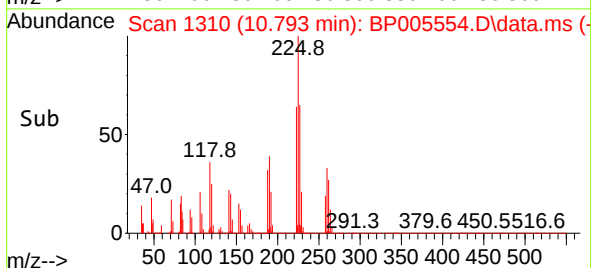
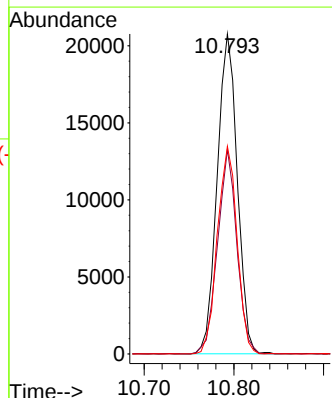
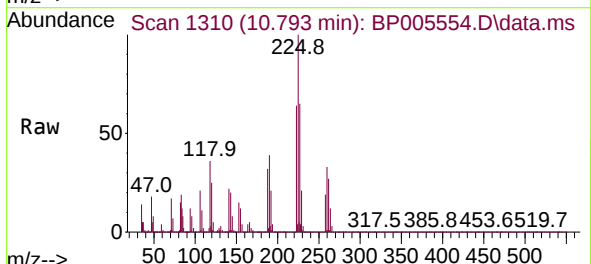
mohammad
5/17/2021 11:19:34 AM

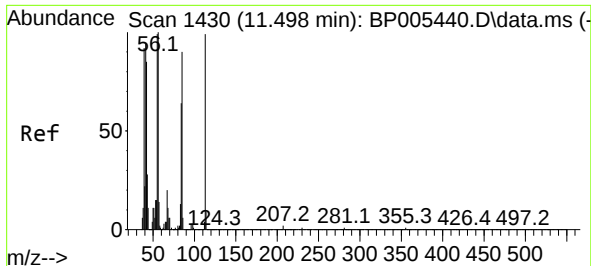
5/17/2021 11:19:34 AM



#34
Hexachlorobutadiene
Concen: 44.95 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	68.4	50.2	75.2





#35
Caprolactam
Concen: 34.23 ng m
RT: 11.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

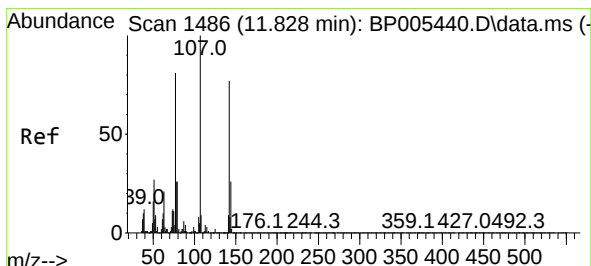
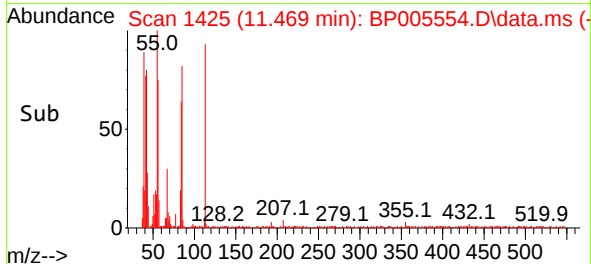
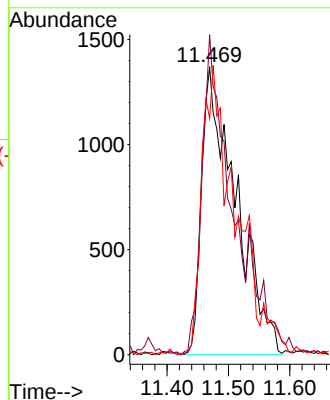
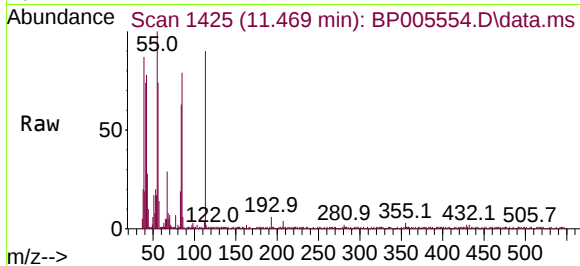
Tgt Ion:	113	Resp:	5306
Ion Ratio	Lower	Upper	
113	100		
55	111.1	72.0	112.0
56	82.1	65.1	105.1

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

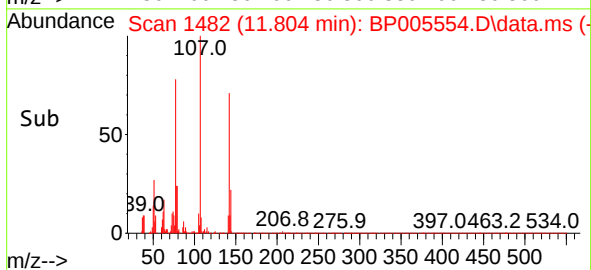
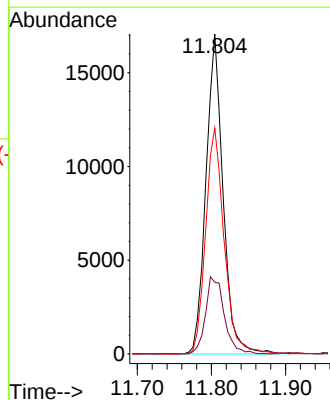
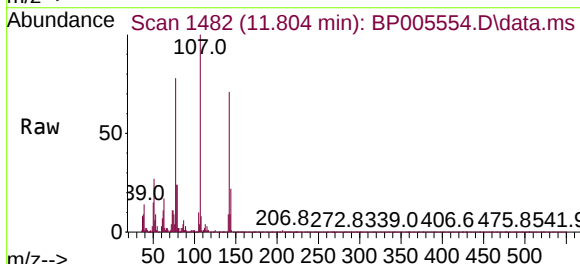
mohammad
5/17/2021 11:19:34 AM

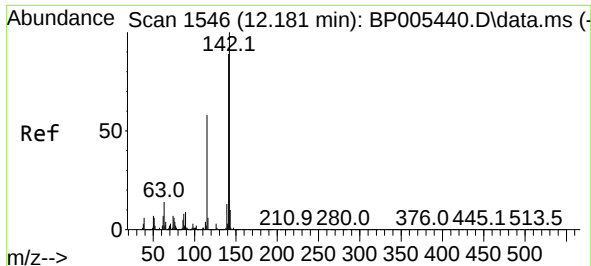
5/17/2021 11:19:34 AM



#36
4-Chloro-3-methylphenol
Concen: 45.68 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	107	Resp:	27438
Ion Ratio	Lower	Upper	
107	100		
144	22.4	20.1	30.1
142	70.6	62.2	93.4





#37
2-Methylnaphthalene
Concen: 47.00 ng
RT: 12.140 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

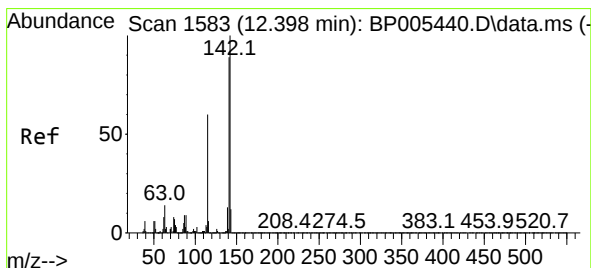
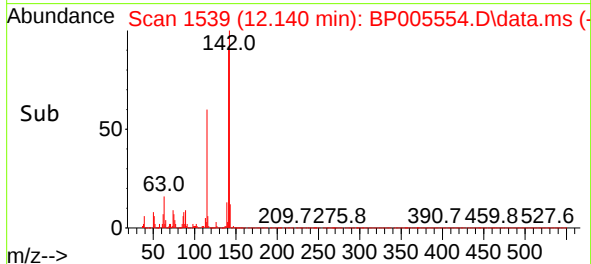
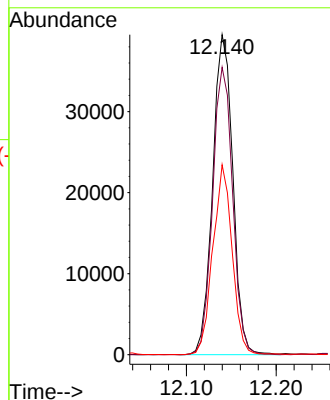
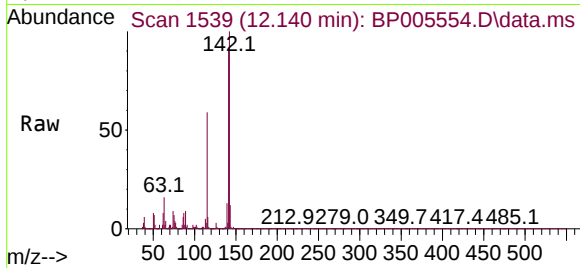
Tgt Ion:142	Resp:	61577
Ion Ratio	Lower	Upper
142	100	
141	89.8	74.7 112.1
115	59.4	43.8 65.8

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

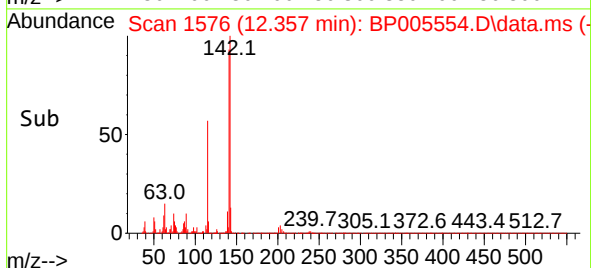
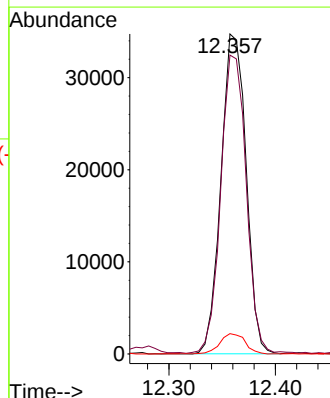
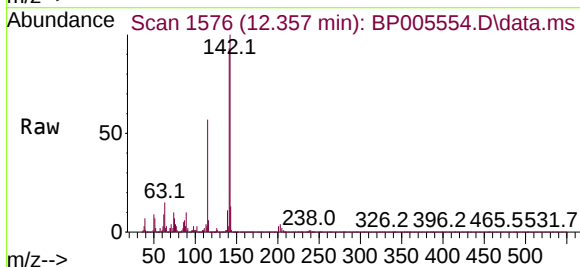
mohammad
5/17/2021 11:19:34 AM

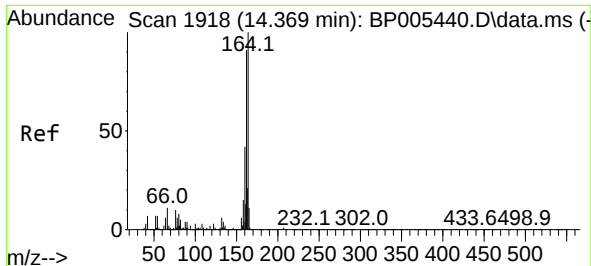
5/17/2021 11:19:34 AM



#38
1-Methylnaphthalene
Concen: 45.99 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

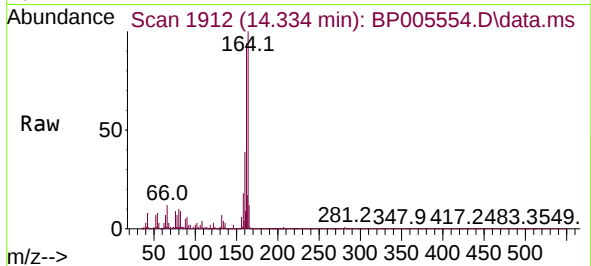
Tgt Ion:142	Resp:	56883
Ion Ratio	Lower	Upper
142	100	
141	93.4	77.0 115.6
116	6.3	5.0 7.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

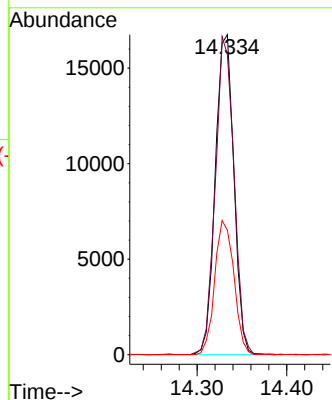
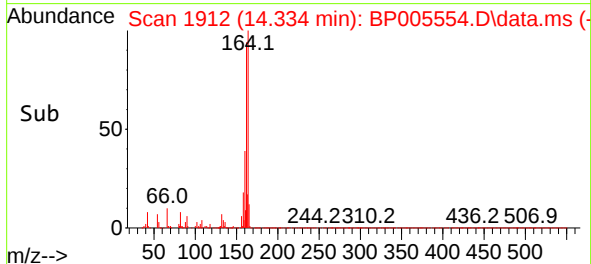
Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD



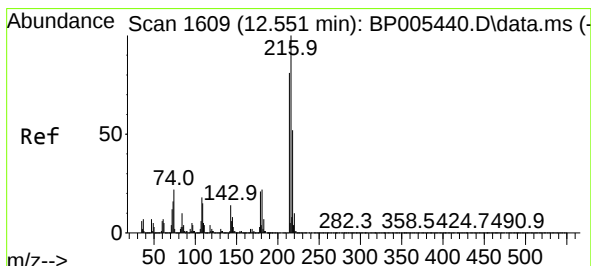
Tgt Ion:164 Resp: 24076
Ion Ratio Lower Upper
164 100
162 93.8 73.5 110.3
160 38.9 40.6 61.0#

Manual Integrations
APPROVED

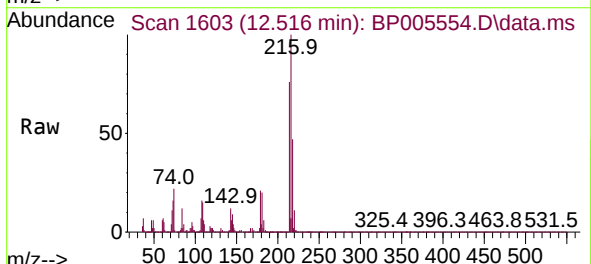
mohammad
5/17/2021 11:19:34 AM



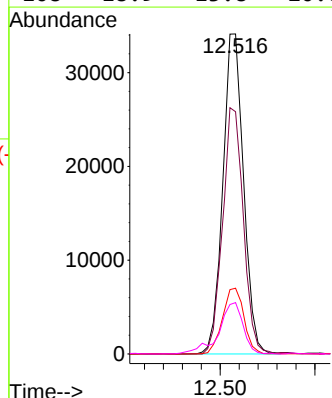
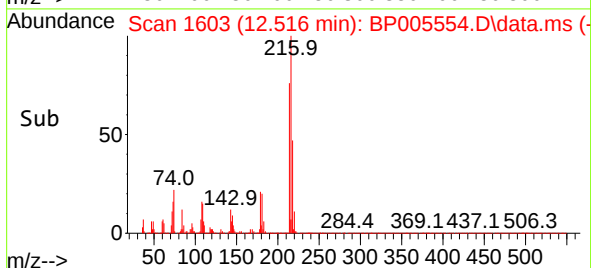
5/17/2021 11:19:34 AM

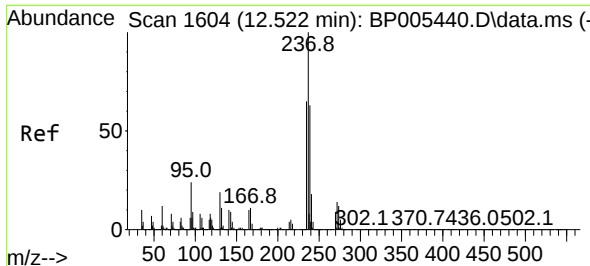


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.87 ng
RT: 12.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08



Tgt Ion:216 Resp: 51842
Ion Ratio Lower Upper
216 100
214 77.2 60.6 91.0
179 21.3 15.3 22.9
108 18.9 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 50.81 ng
RT: 12.481 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

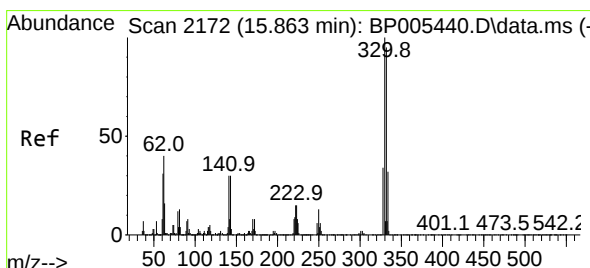
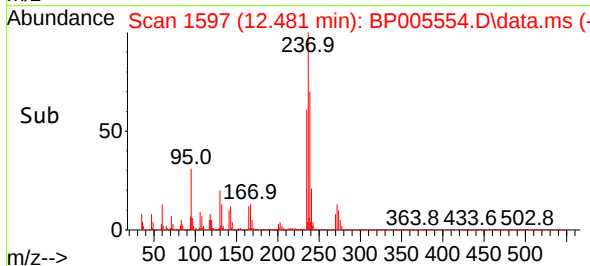
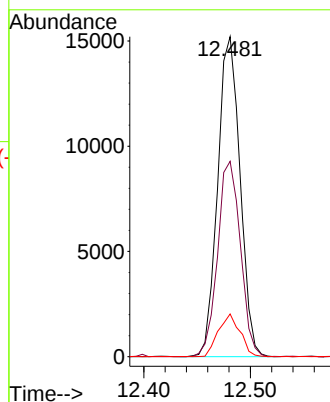
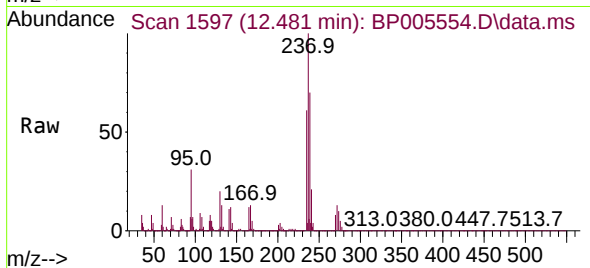
Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Tgt Ion:	237	Resp:	22149
Ion Ratio	Lower	Upper	
237	100		
235	61.1	40.9	80.9
272	13.3	0.0	34.6

Manual Integrations
APPROVED

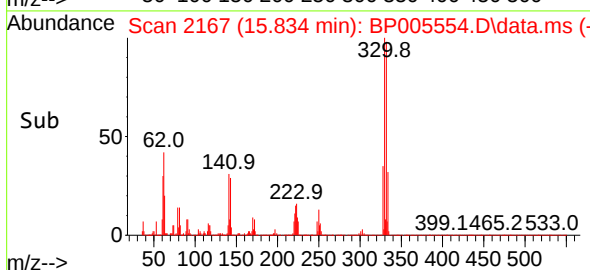
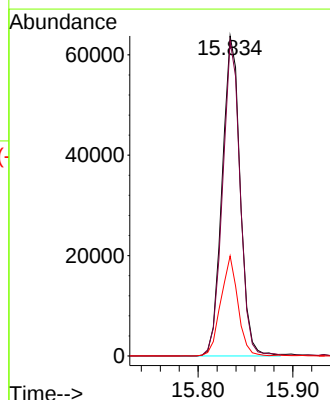
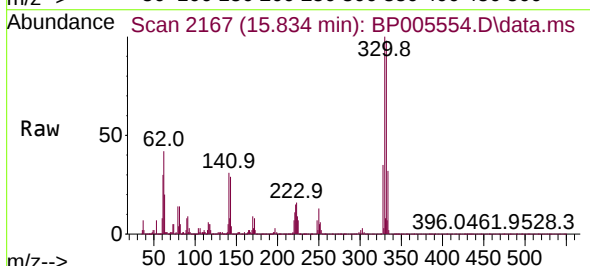
mohammad
5/17/2021 11:19:34 AM

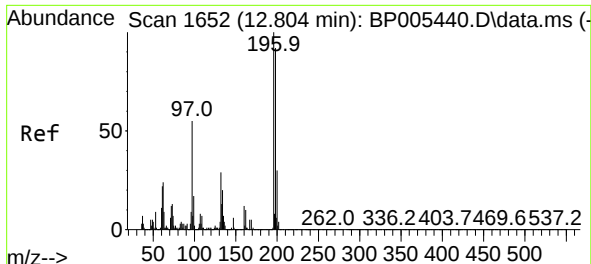
5/17/2021 11:19:34 AM



#42
2,4,6-Tribromophenol
Concen: 123.55 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	330	Resp:	84411
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.3	114.5
141	29.7	22.8	34.2





#43
2,4,6-Trichlorophenol
Concen: 43.83 ng
RT: 12.775 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

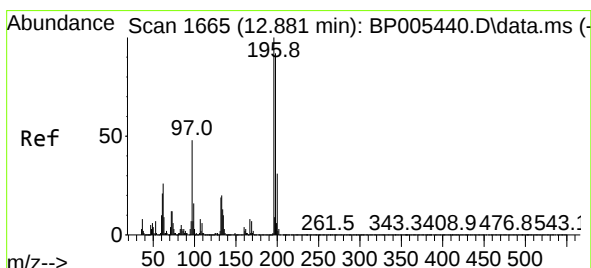
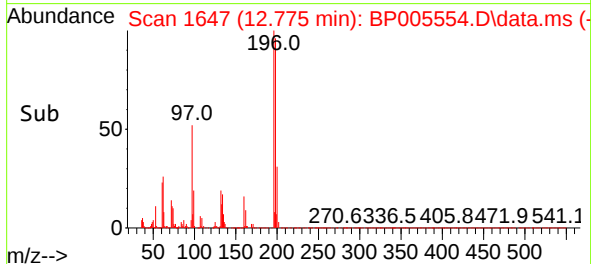
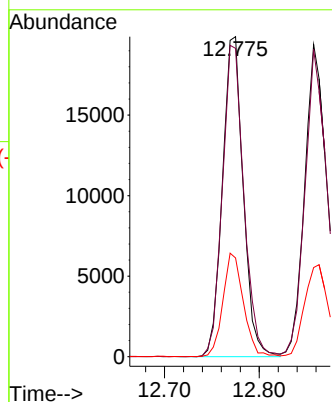
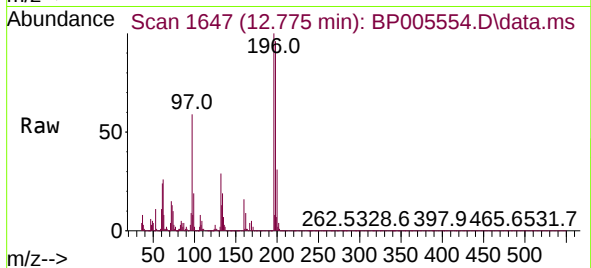
Tgt Ion:196 Resp: 30290
Ion Ratio Lower Upper
196 100
198 96.3 81.4 122.2
200 30.8 28.2 42.2

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

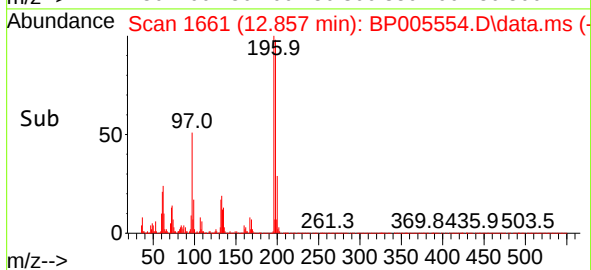
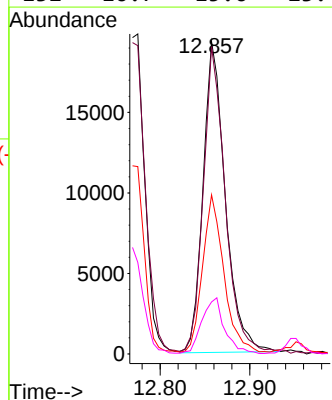
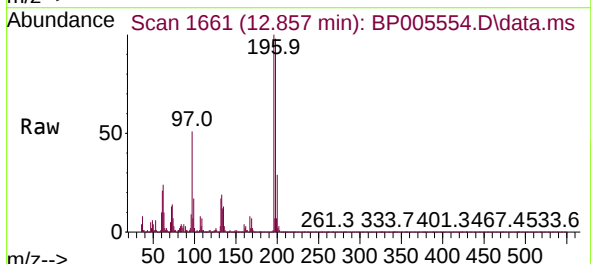
mohammad
5/17/2021 11:19:34 AM

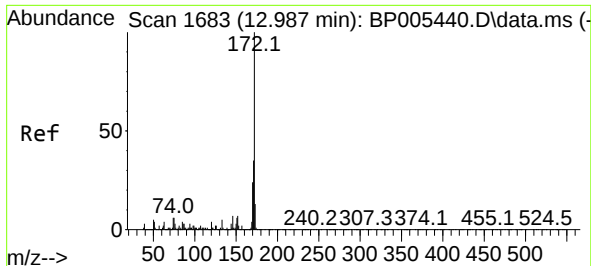
5/17/2021 11:19:34 AM



#44
2,4,5-Trichlorophenol
Concen: 44.64 ng
RT: 12.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:196 Resp: 33297
Ion Ratio Lower Upper
196 100
198 98.4 71.0 106.4
97 50.9 38.5 57.7
132 16.7 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 86.97 ng
RT: 12.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

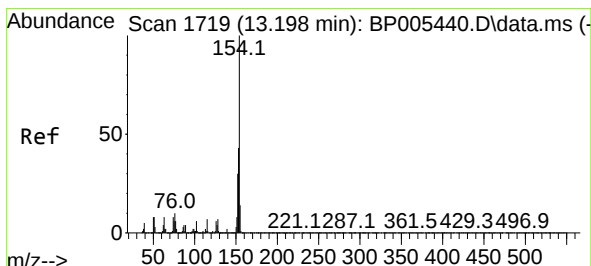
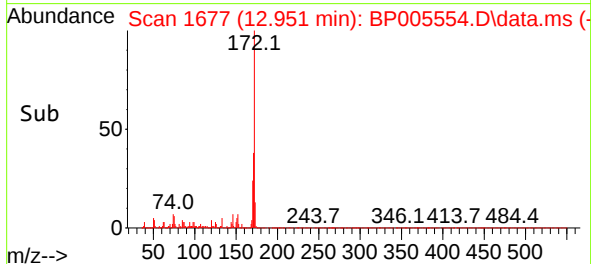
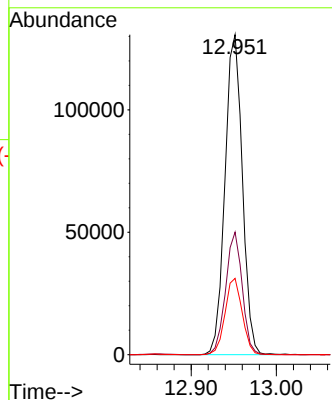
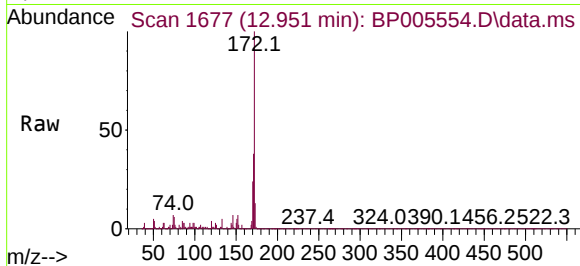
Tgt Ion:	172	Resp:	185622
Ion Ratio	Lower	Upper	
172	100		
171	38.3	28.1	42.1
170	23.9	19.6	29.4

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

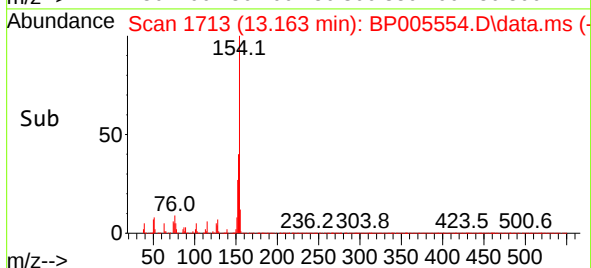
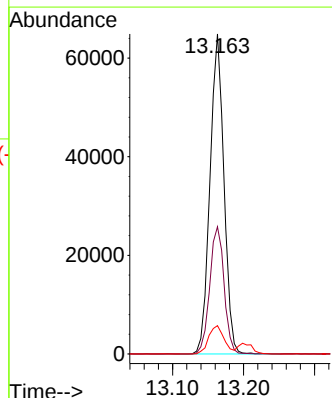
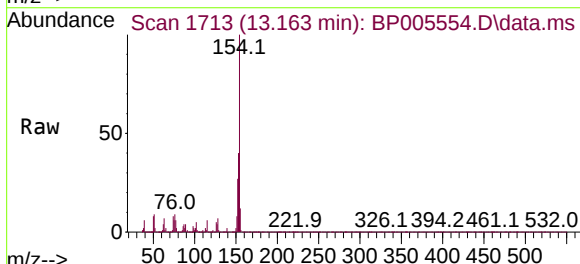
mohammad
5/17/2021 11:19:34 AM

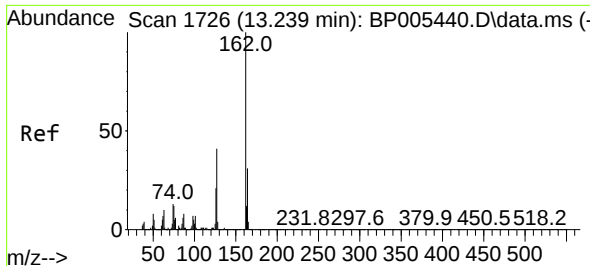
5/17/2021 11:19:34 AM



#46
1,1'-Biphenyl
Concen: 47.80 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	154	Resp:	88615
Ion Ratio	Lower	Upper	
154	100		
153	39.8	18.9	58.9
76	8.9	0.0	32.1





#47
2-Chloronaphthalene
Concen: 46.16 ng
RT: 13.204 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

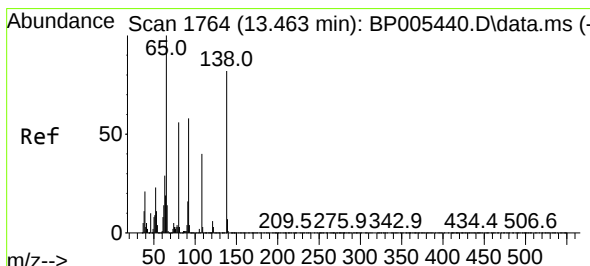
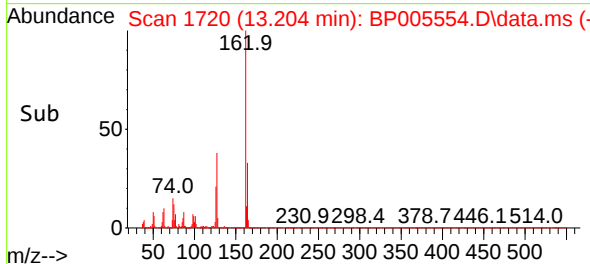
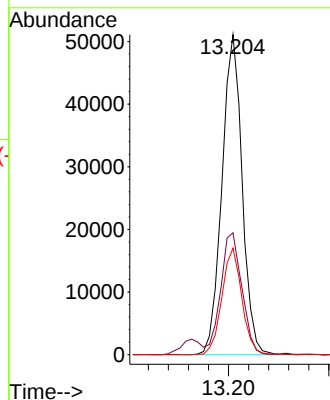
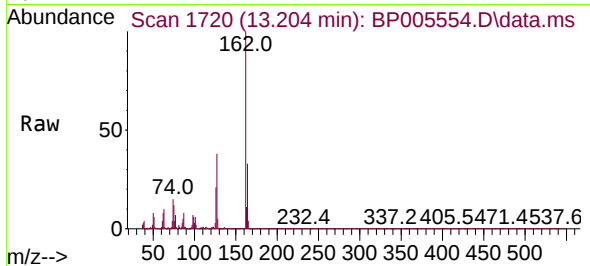
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.4	47.0
164	33.3	26.6	39.8

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

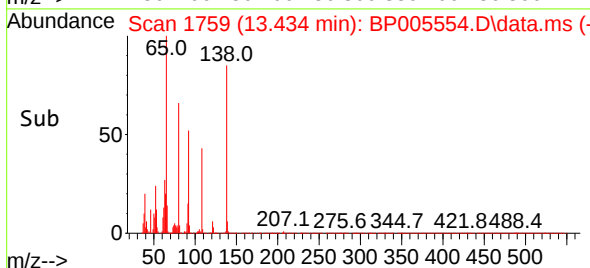
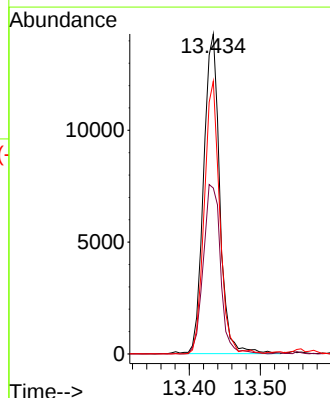
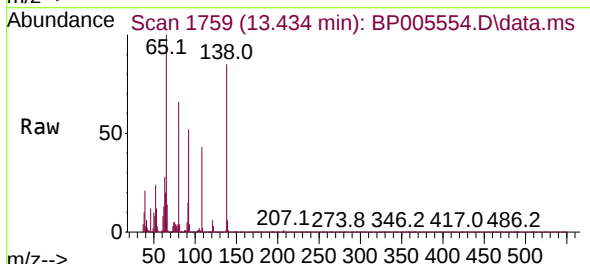
mohammad
5/17/2021 11:19:34 AM

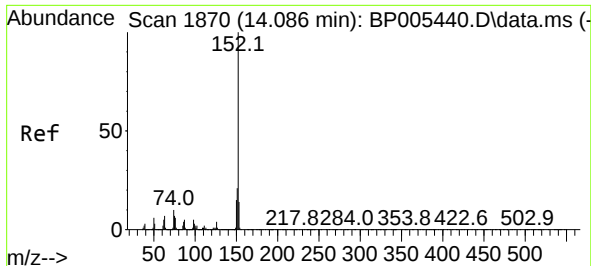
5/17/2021 11:19:34 AM



#48
2-Nitroaniline
Concen: 51.51 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	51.8	48.8	73.2
138	85.3	69.5	104.3





#49
Acenaphthylene
Concen: 47.47 ng
RT: 14.051 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

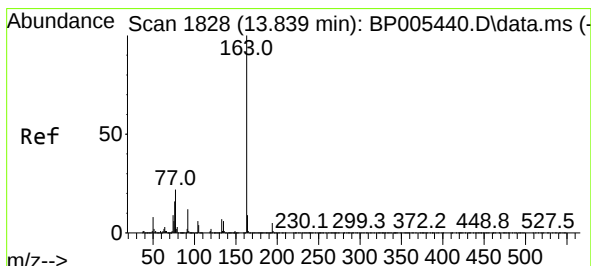
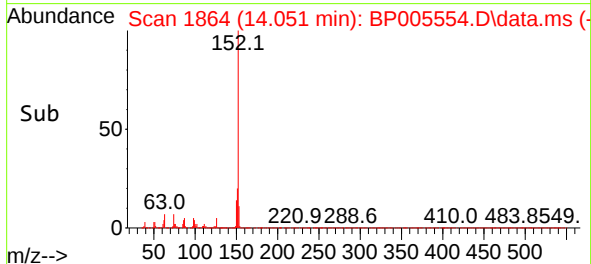
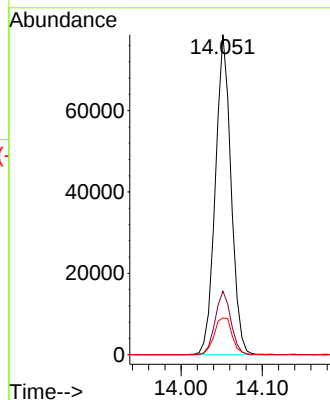
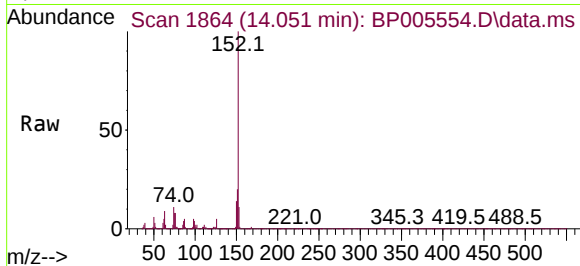
Tgt Ion:	152	Resp:	105556
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.6
153	11.5	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

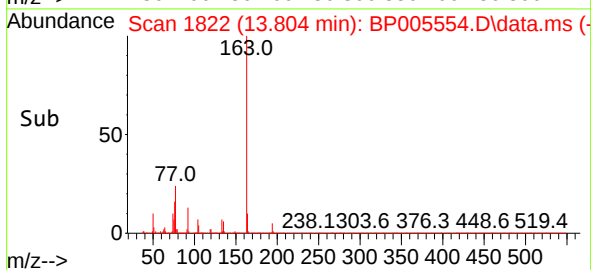
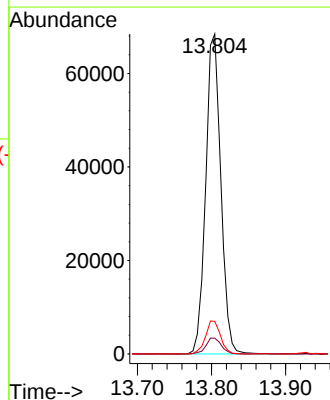
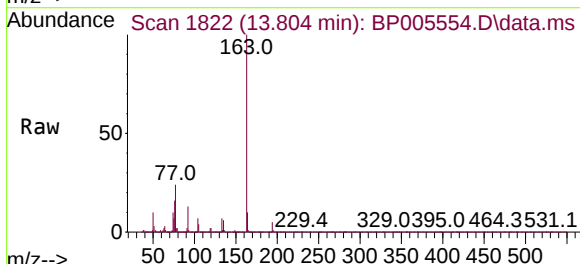
mohammad
5/17/2021 11:19:34 AM

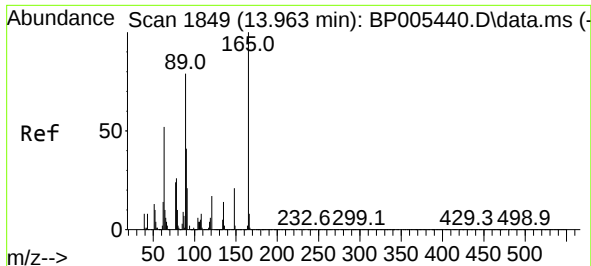
5/17/2021 11:19:34 AM



#50
Dimethylphthalate
Concen: 46.80 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	163	Resp:	97266
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.2	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 42.81 ng
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

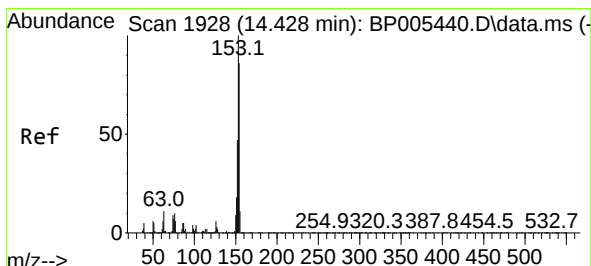
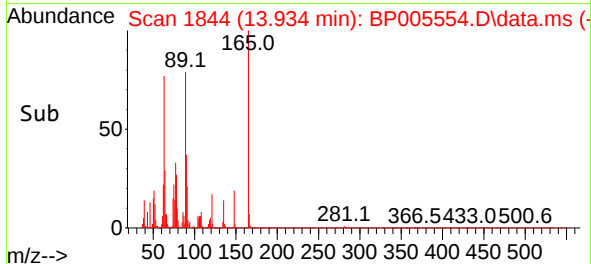
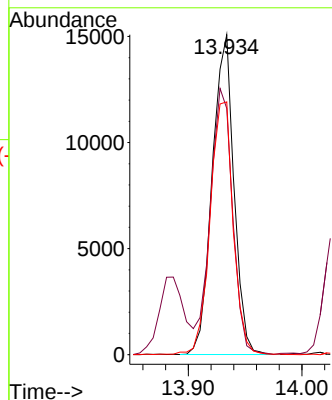
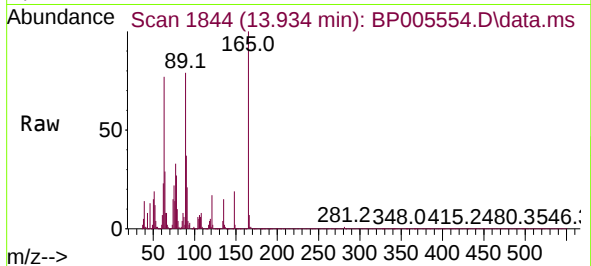
Tgt Ion:165 Resp: 19981
Ion Ratio Lower Upper
165 100
63 77.0 67.4 101.0
89 79.0 73.8 110.6

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

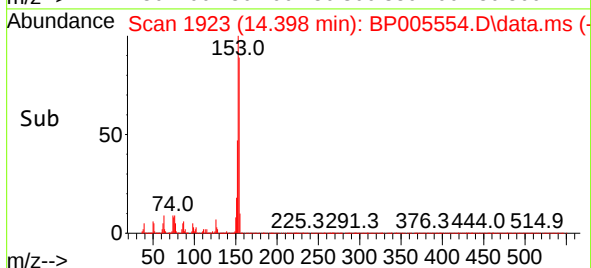
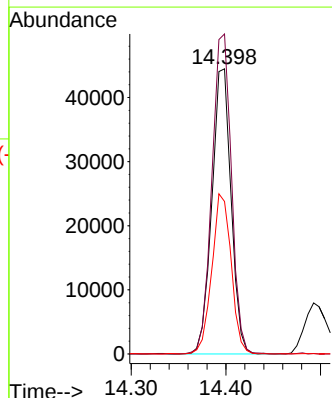
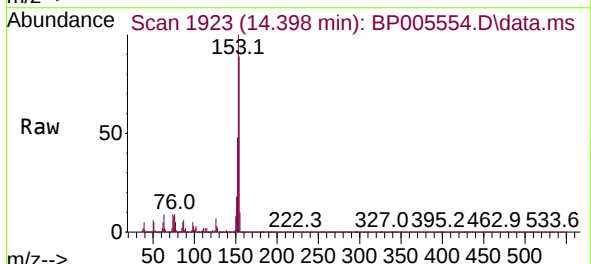
mohammad
5/17/2021 11:19:34 AM

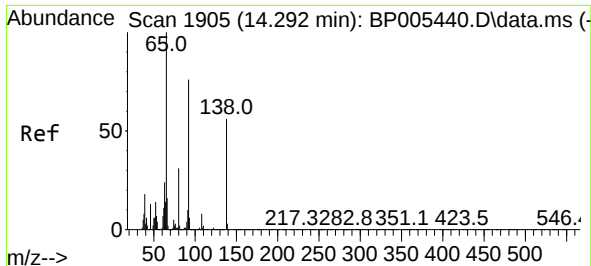
5/17/2021 11:19:34 AM



#52
Acenaphthene
Concen: 45.41 ng
RT: 14.398 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

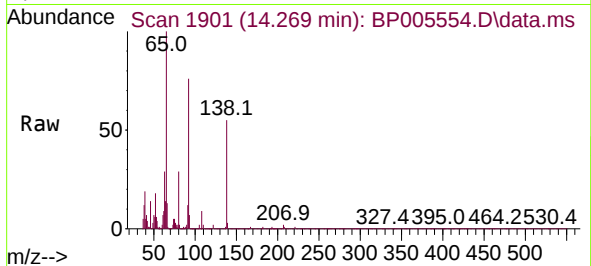
Tgt Ion:154 Resp: 62828
Ion Ratio Lower Upper
154 100
153 112.2 90.9 136.3
152 53.5 48.5 72.7





#53
3-Nitroaniline
Concen: 17.69 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

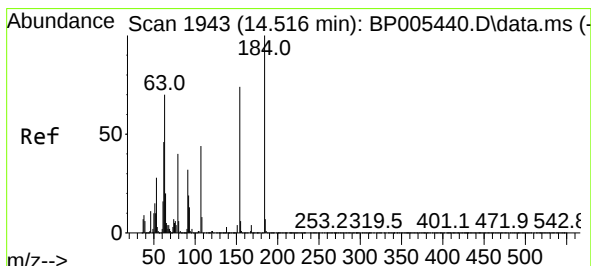
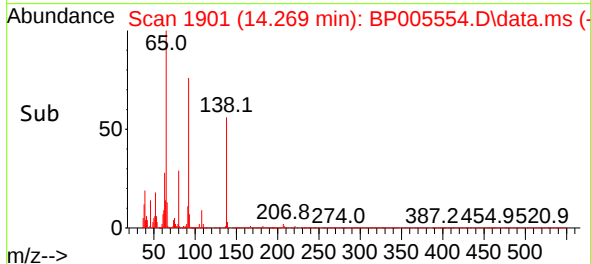
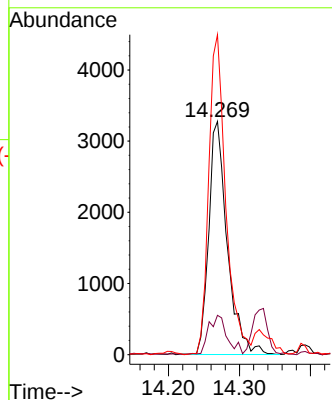


Tgt Ion:138 Resp: 5916
Ion Ratio Lower Upper
138 100
108 16.9 10.2 15.4#
92 137.2 108.1 162.1

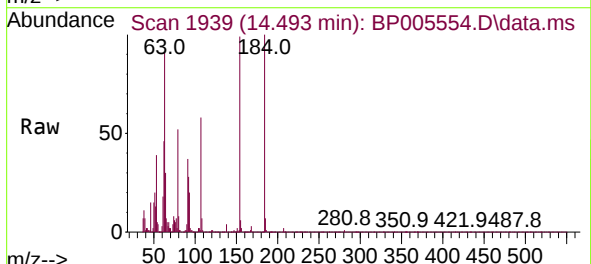
Manual Integrations
APPROVED

mohammad
5/17/2021 11:19:34 AM

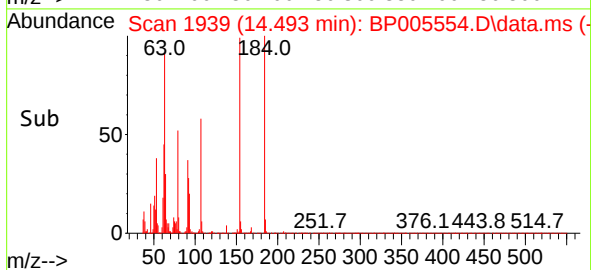
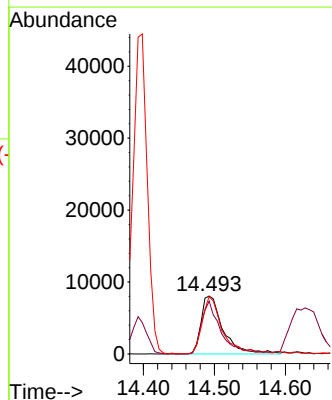
5/17/2021 11:19:34 AM

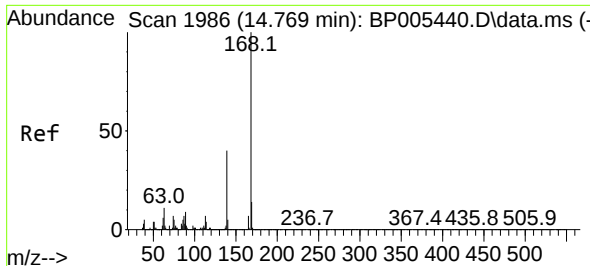


#54
2,4-Dinitrophenol
Concen: 61.80 ng
RT: 14.493 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08



Tgt Ion:184 Resp: 17398
Ion Ratio Lower Upper
184 100
63 91.4 51.2 76.8#
154 99.0 55.8 83.8#





#55
Dibenzofuran
Concen: 44.26 ng
RT: 14.734 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

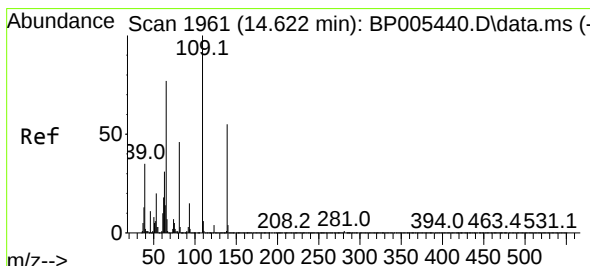
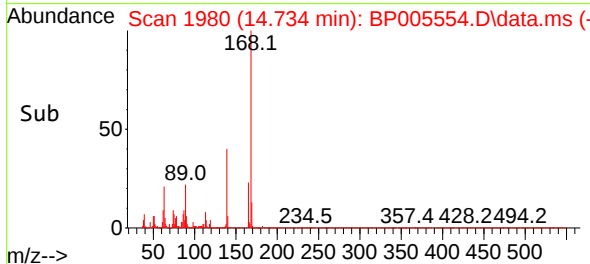
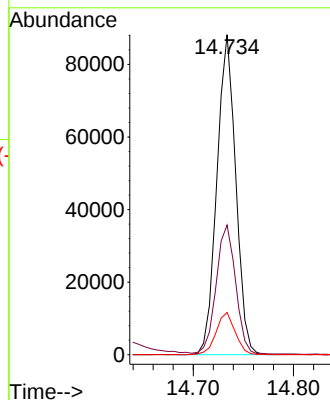
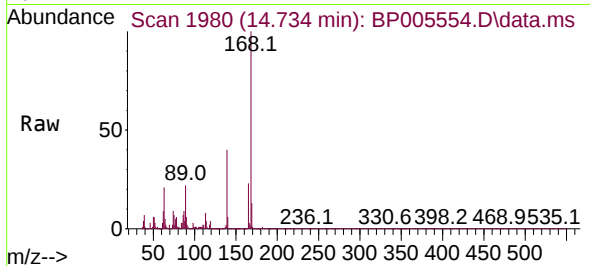
Tgt Ion:168 Resp: 115175
Ion Ratio Lower Upper
168 100
139 40.5 31.4 47.0
169 13.2 11.4 17.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

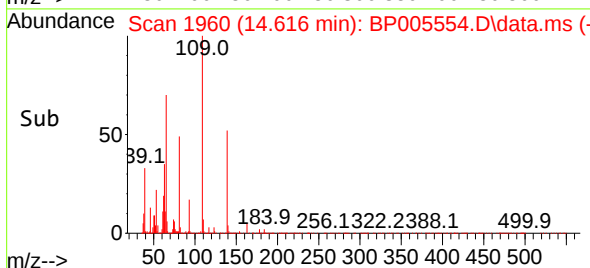
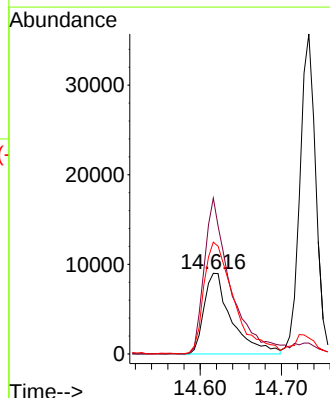
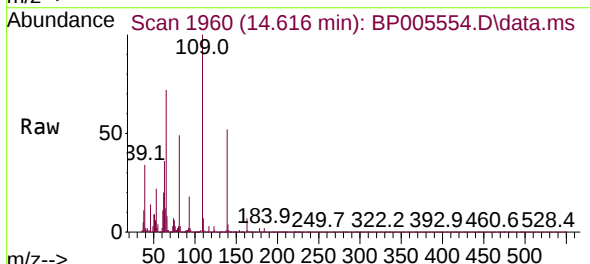
mohammad
5/17/2021 11:19:34 AM

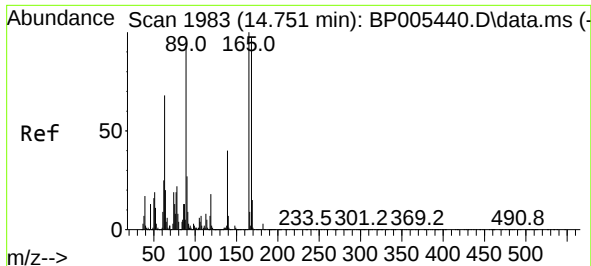
5/17/2021 11:19:34 AM



#56
4-Nitrophenol
Concen: 83.88 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:139 Resp: 21171
Ion Ratio Lower Upper
139 100
109 193.2 122.8 162.8#
65 138.8 110.0 150.0





#57
2,4-Dinitrotoluene
Concen: 44.93 ng
RT: 14.728 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

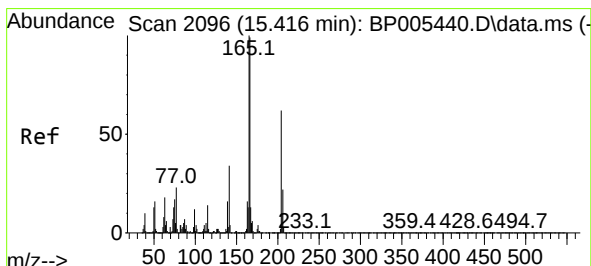
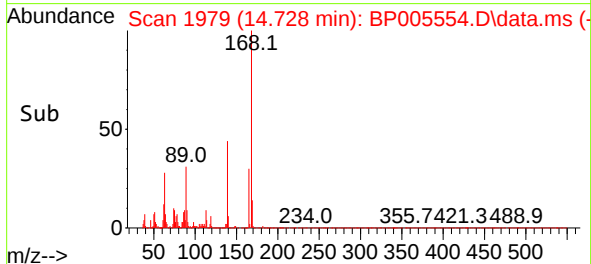
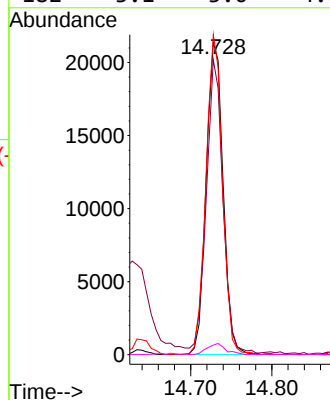
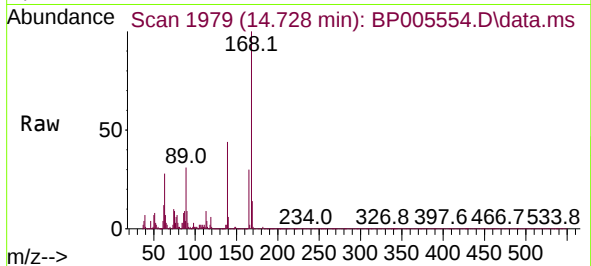
Tgt Ion:165 Resp: 30914
Ion Ratio Lower Upper
165 100
63 94.4 56.7 85.1#
89 102.4 85.8 128.6
182 3.1 3.0 4.6

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

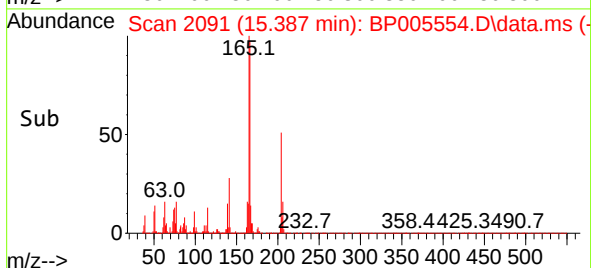
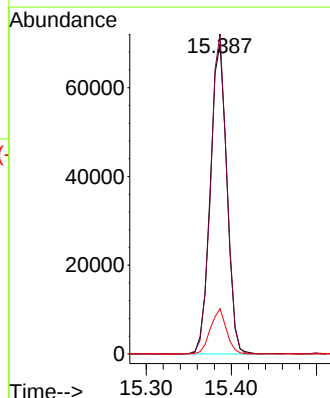
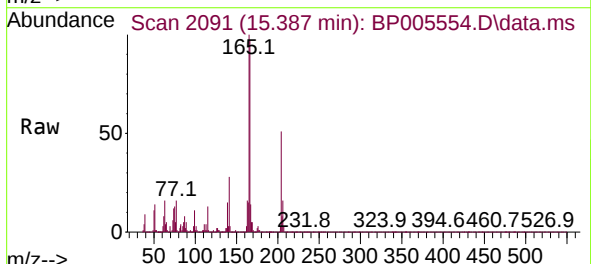
mohammad
5/17/2021 11:19:34 AM

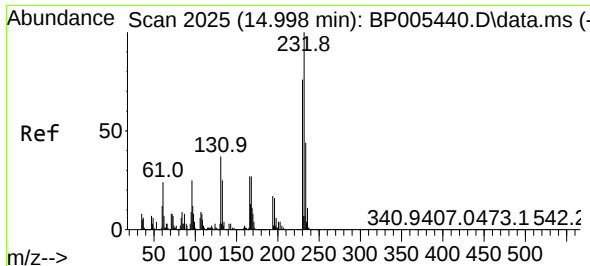
5/17/2021 11:19:34 AM



#58
Fluorene
Concen: 44.55 ng
RT: 15.387 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:166 Resp: 94653
Ion Ratio Lower Upper
166 100
165 103.1 78.8 118.2
167 14.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.48 ng
RT: 14.975 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

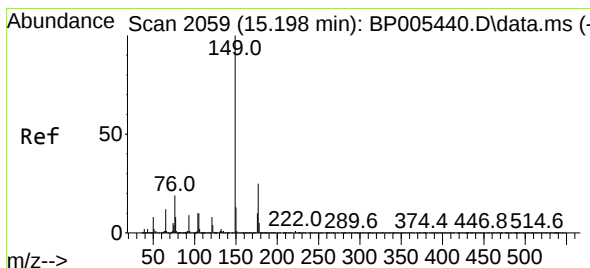
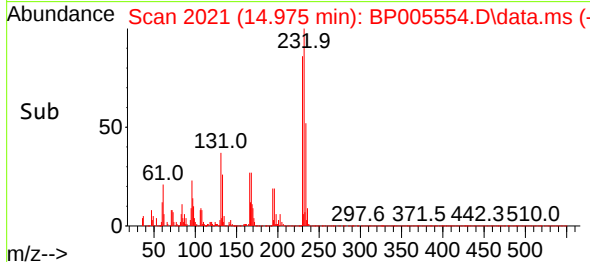
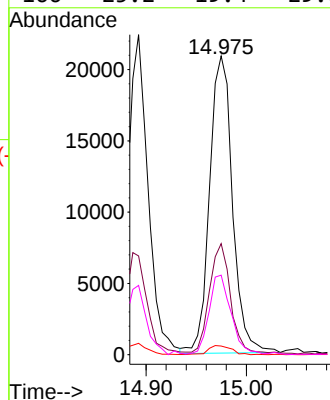
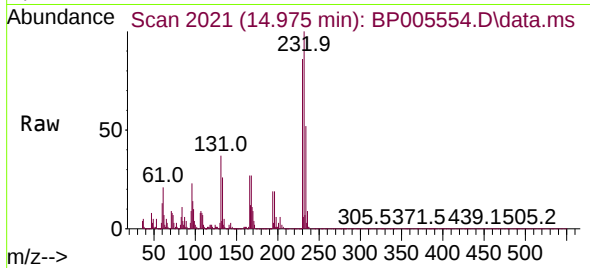
Tgt Ion:	232	Resp:	33169
Ion Ratio	Lower	Upper	
232	100		
131	34.8	26.5	39.7
130	3.1	2.1	3.1#
166	25.2	19.4	29.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

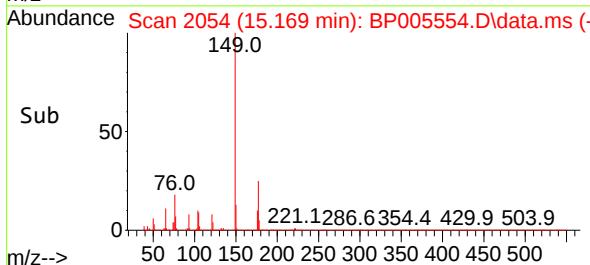
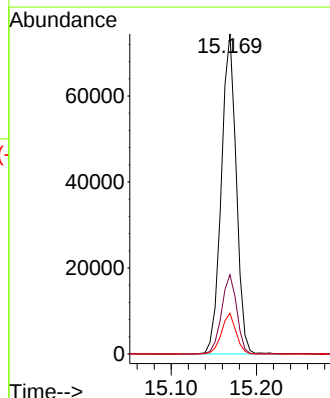
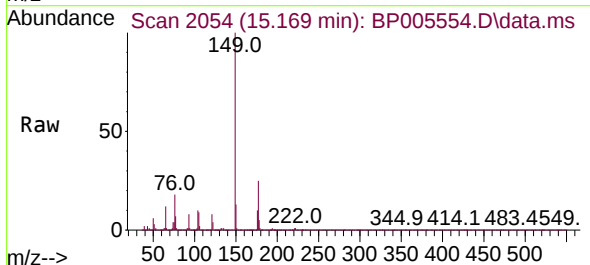
mohammad
5/17/2021 11:19:34 AM

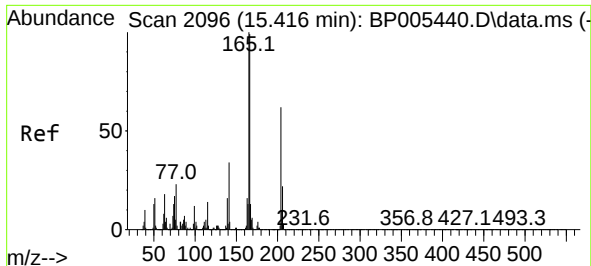
5/17/2021 11:19:34 AM



#60
Diethylphthalate
Concen: 45.09 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	149	Resp:	90769
Ion Ratio	Lower	Upper	
149	100		
177	24.8	19.2	28.8
150	12.7	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.51 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

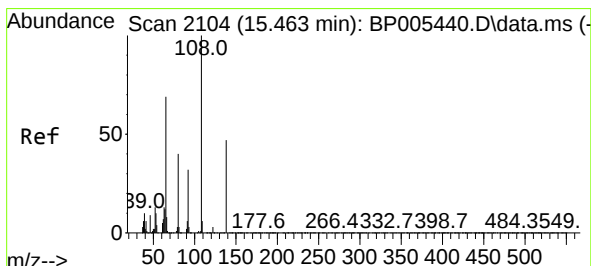
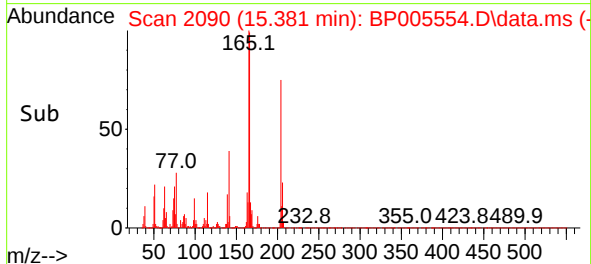
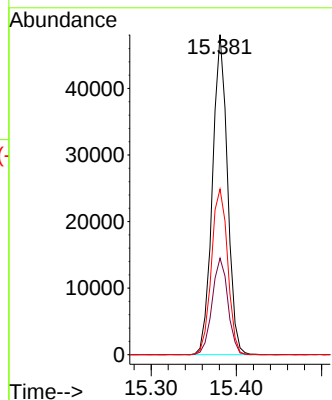
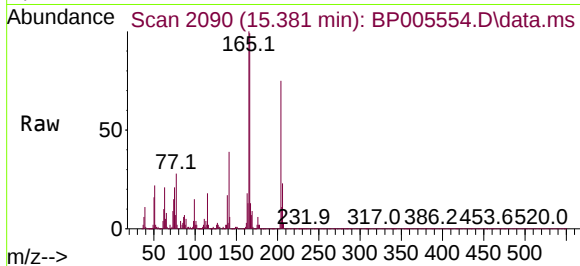
Tgt Ion:	204	Resp:	59187
Ion Ratio	Lower	Upper	
204	100		
206	30.2	26.0	39.0
141	51.8	44.2	66.2

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

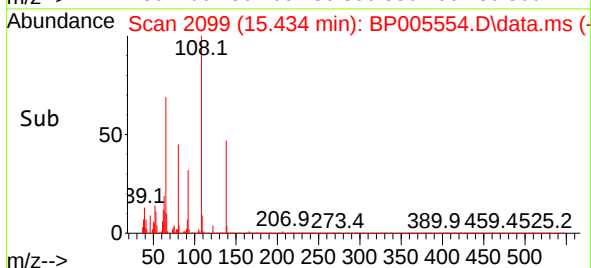
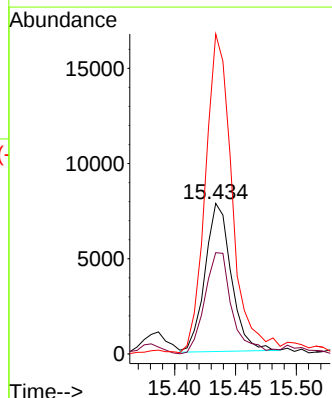
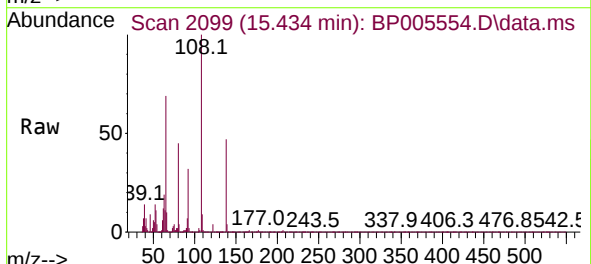
mohammad
5/17/2021 11:19:34 AM

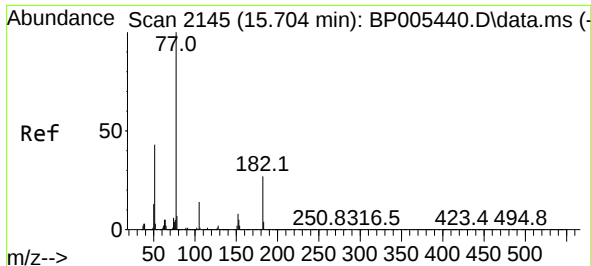
5/17/2021 11:19:34 AM



#62
4-Nitroaniline
Concen: 36.19 ng
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	138	Resp:	11625
Ion Ratio	Lower	Upper	
138	100		
92	67.3	50.9	90.9
108	212.6	154.7	194.7





#63
Azobenzene
Concen: 46.26 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

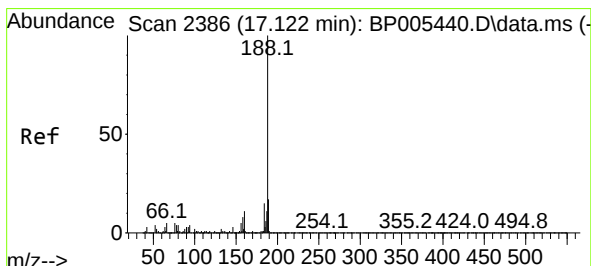
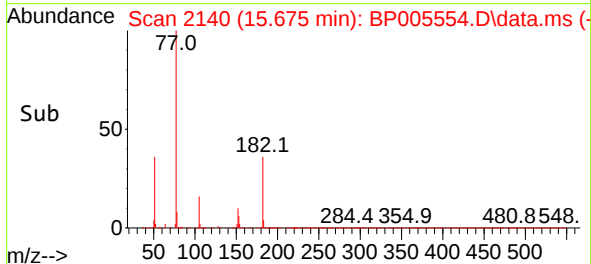
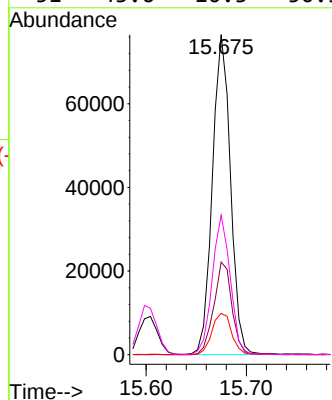
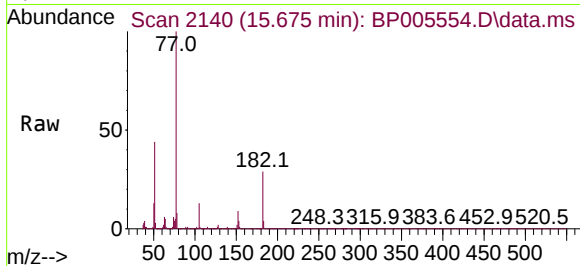
Tgt Ion:	77	Resp:	95990
Ion Ratio	Lower	Upper	
77	100		
182	28.9	5.5	45.5
105	12.9	0.0	36.5
51	43.6	10.3	50.3

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

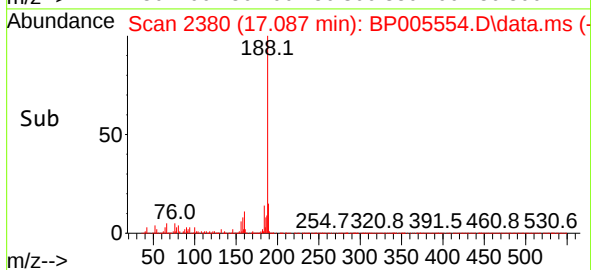
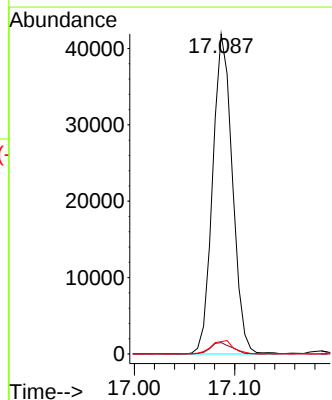
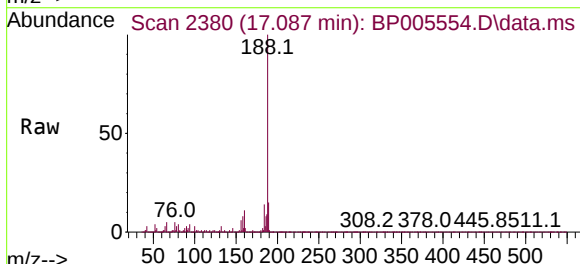
mohammad
5/17/2021 11:19:34 AM

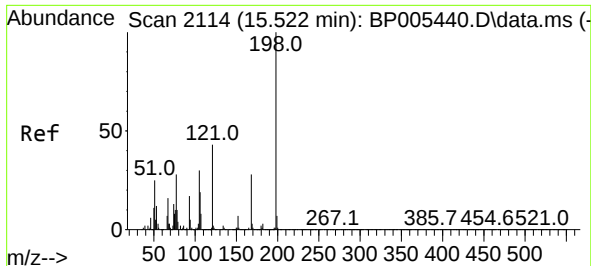
5/17/2021 11:19:34 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	188	Resp:	57351
Ion Ratio	Lower	Upper	
188	100		
94	3.6	5.0	7.6#
80	3.9	5.9	8.9#





#65
4,6-Dinitro-2-methylphenol
Concen: 30.27 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

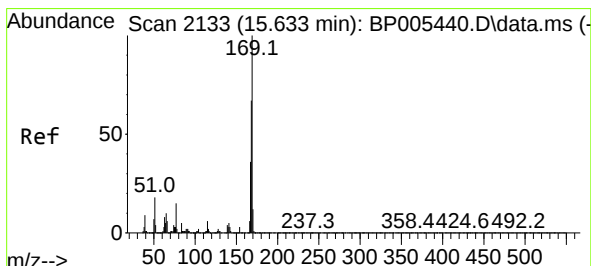
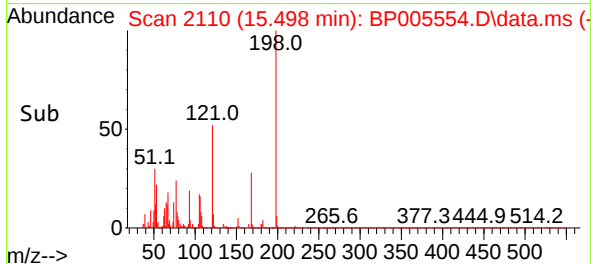
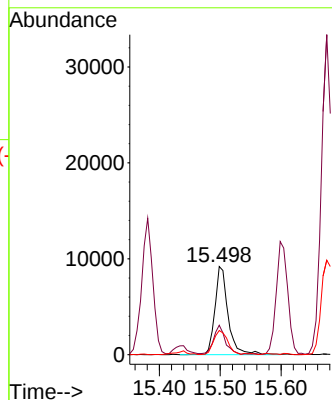
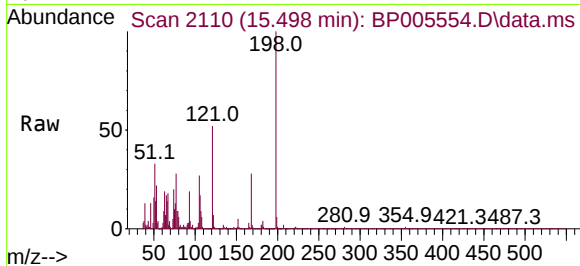
Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.4	10.3	50.3
105	27.4	13.6	53.6

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

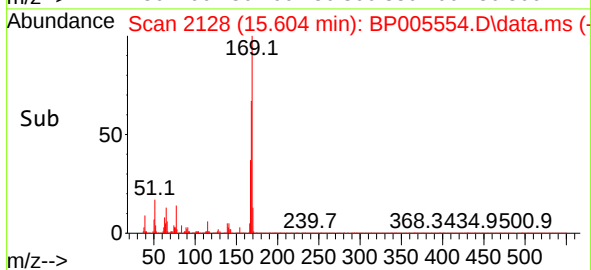
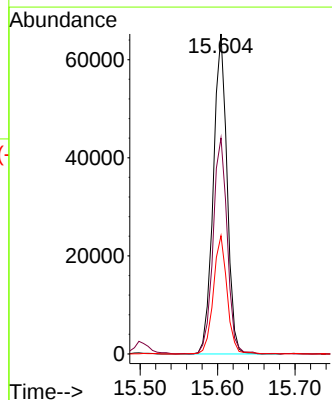
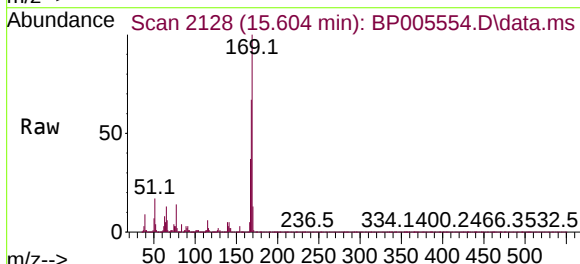
mohammad
5/17/2021 11:19:34 AM

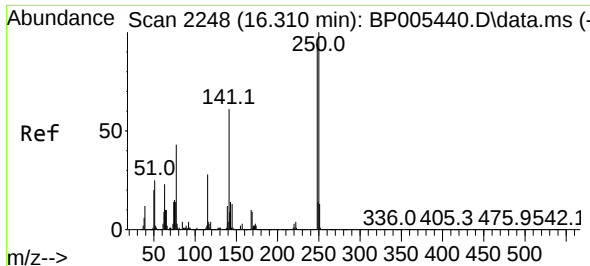
5/17/2021 11:19:34 AM



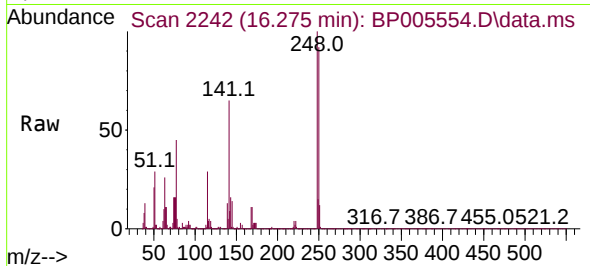
#66
n-Nitrosodiphenylamine
Concen: 48.18 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.2	82.8
167	36.9	36.6	54.8

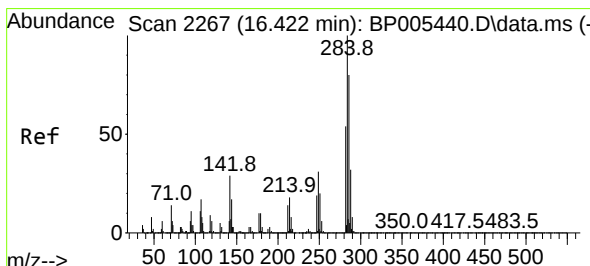
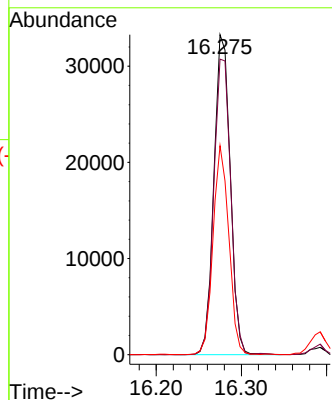
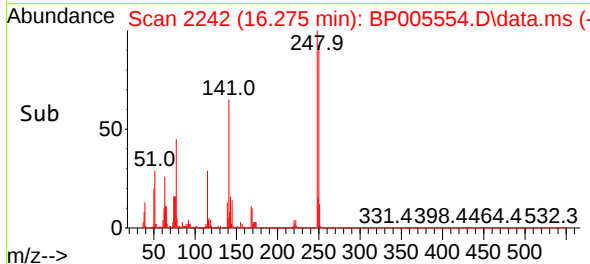




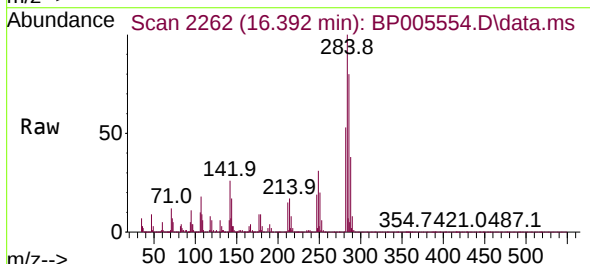
#67
4-Bromophenyl-phenylether
Concen: 49.54 ng
RT: 16.275 min Scan# 2242
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08



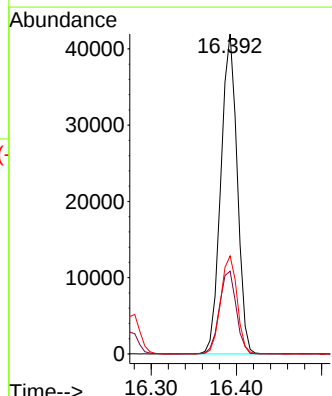
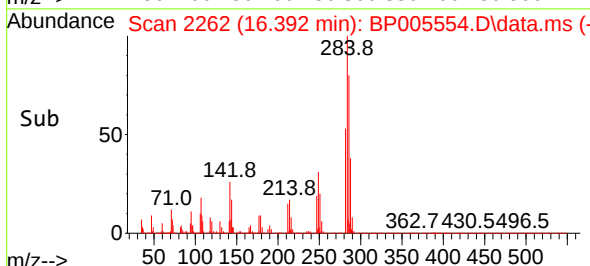
Tgt Ion: 248 Resp: 44349
Ion Ratio Lower Upper
248 100
250 92.4 77.5 116.3
141 65.3 50.1 75.1



#68
Hexachlorobenzene
Concen: 49.20 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08



Tgt Ion: 284 Resp: 55861
Ion Ratio Lower Upper
284 100
142 25.9 20.8 31.2
249 30.7 23.7 35.5

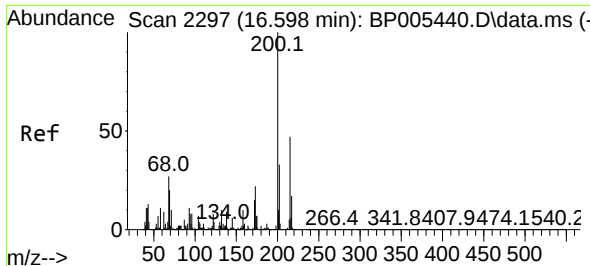


Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

mohammad
5/17/2021 11:19:34 AM

5/17/2021 11:19:34 AM



#69
Atrazine
Concen: 49.82 ng
RT: 16.569 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

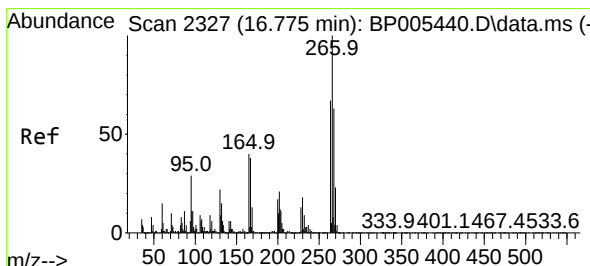
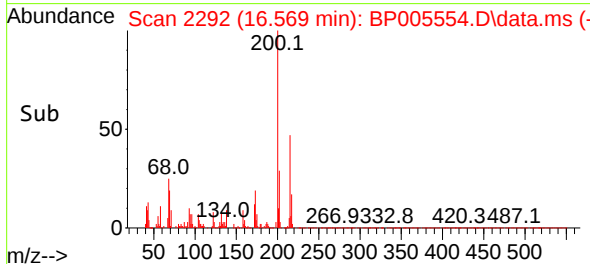
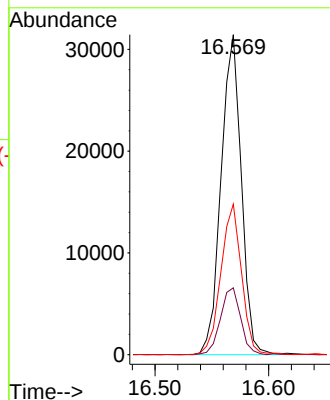
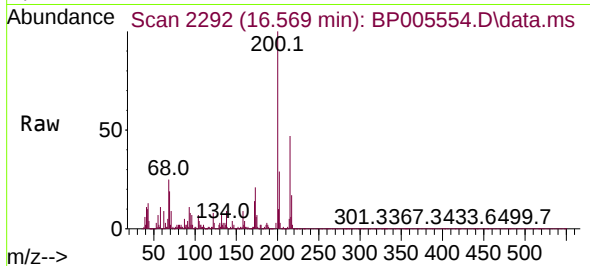
Tgt Ion:	200	Resp:	38952
Ion Ratio	Lower	Upper	
200	100		
173	20.9	0.7	40.7
215	47.0	29.0	69.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

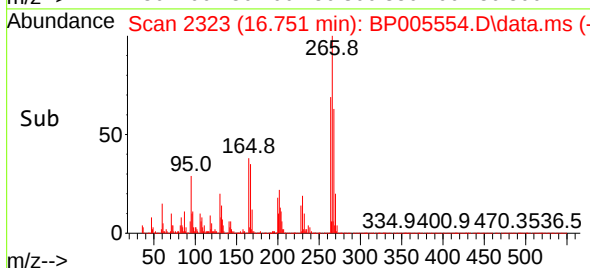
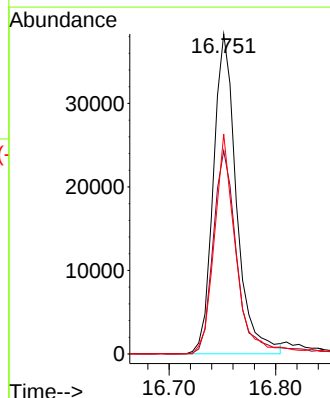
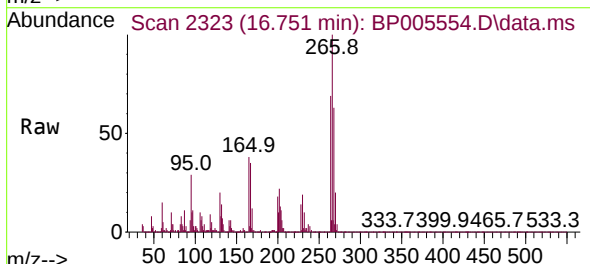
mohammad
5/17/2021 11:19:34 AM

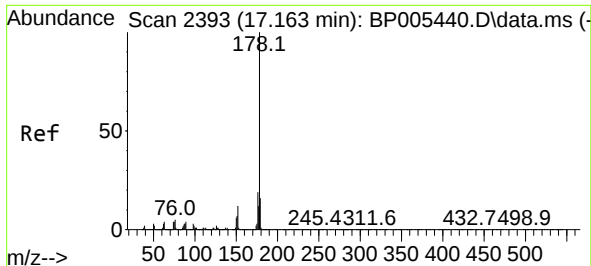
5/17/2021 11:19:34 AM



#70
Pentachlorophenol
Concen: 96.13 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	266	Resp:	57908
Ion Ratio	Lower	Upper	
266	100		
268	63.5	49.4	74.0
264	68.7	53.7	80.5





#71
Phenanthrene
Concen: 49.43 ng
RT: 17.134 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

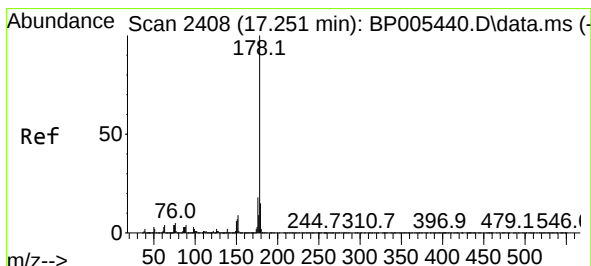
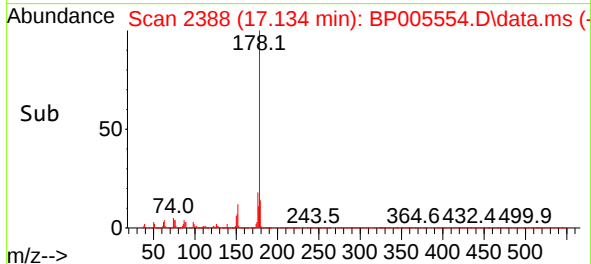
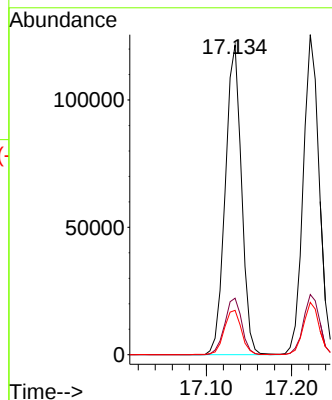
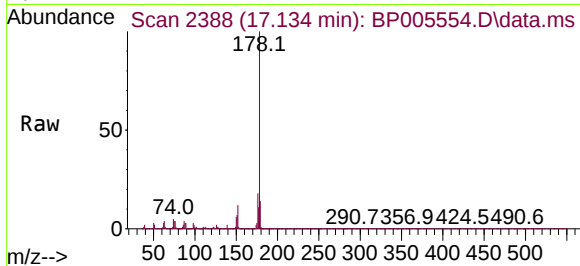
Tgt Ion:178 Resp: 161076
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.3 12.3 18.5

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

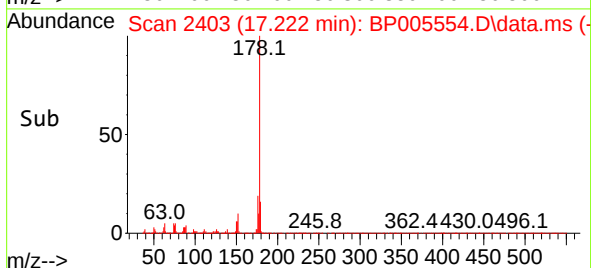
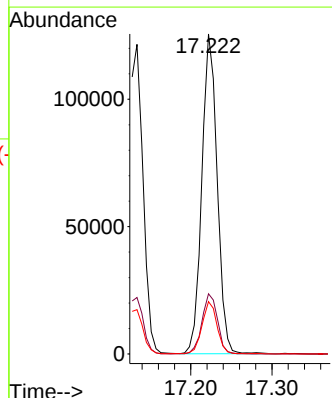
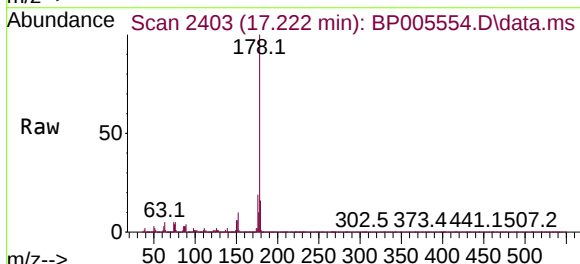
mohammad
5/17/2021 11:19:34 AM

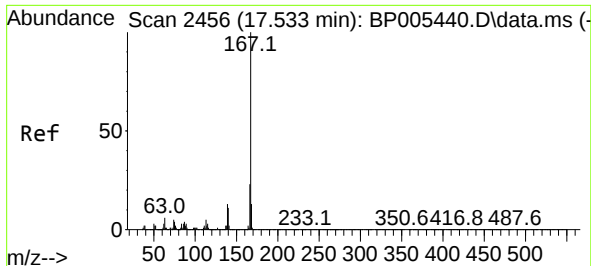
5/17/2021 11:19:34 AM



#72
Anthracene
Concen: 50.95 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:178 Resp: 164793
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 16.4 12.6 19.0





#73
 Carbazole
 Concen: 47.87 ng
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.006 min
 Lab File: BP005554.D
 Acq: 14 May 2021 18:08

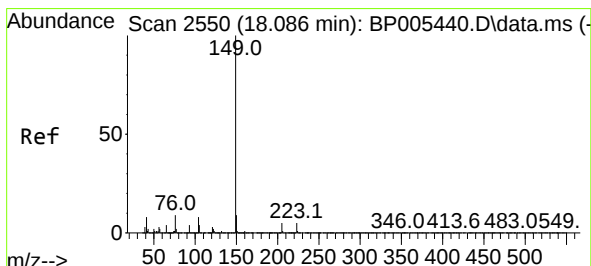
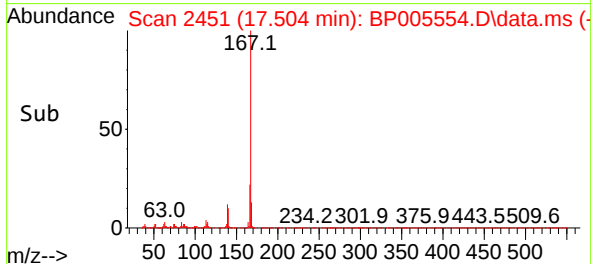
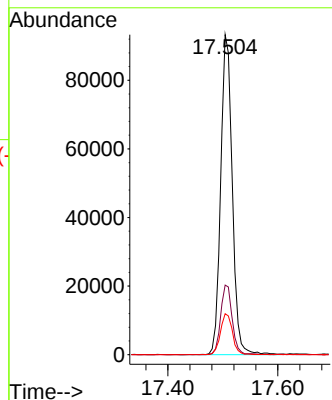
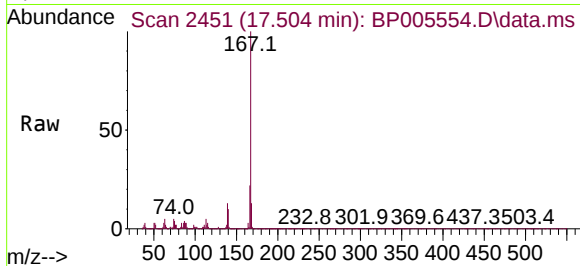
Tgt Ion:	167	Resp:	136348
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.4	26.0
139	12.8	10.4	15.6

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-206MSD

Manual Integrations
 APPROVED

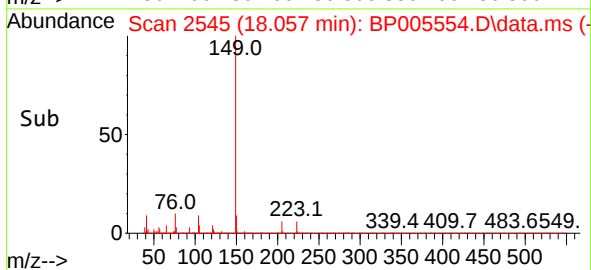
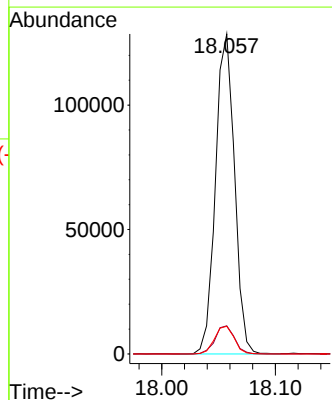
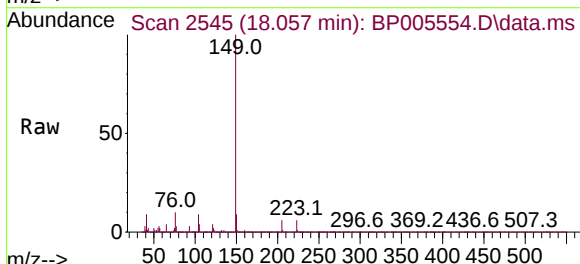
mohammad
 5/17/2021 11:19:34 AM

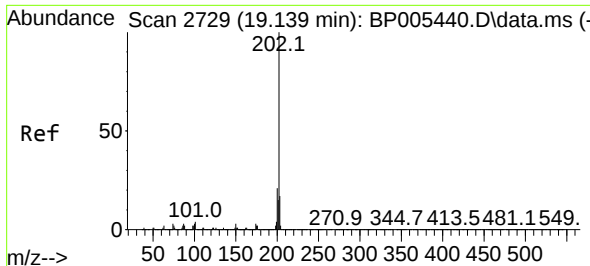
5/17/2021 11:19:34 AM



#74
 Di-n-butylphthalate
 Concen: 47.80 ng
 RT: 18.057 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: BP005554.D
 Acq: 14 May 2021 18:08

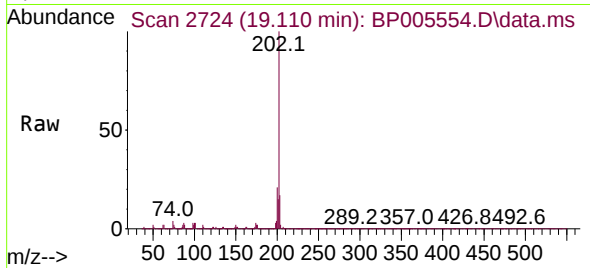
Tgt Ion:	149	Resp:	149442
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	8.7	8.9	13.3#





#75
Fluoranthene
Concen: 51.28 ng
RT: 19.110 min Scan# 2724
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

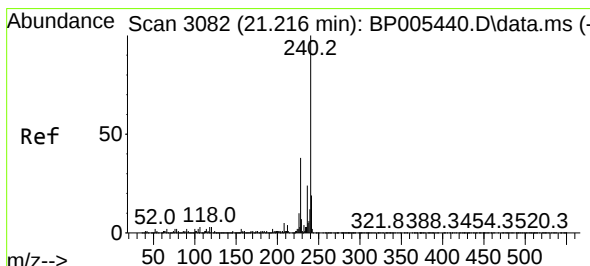
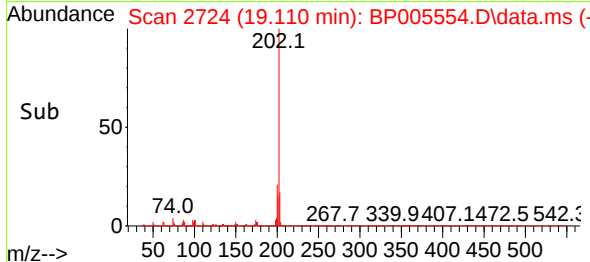
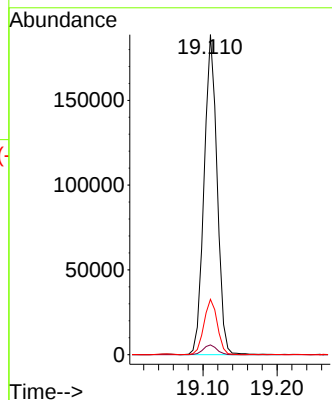


Tgt Ion:202 Resp: 229862
Ion Ratio Lower Upper
202 100
101 3.0 0.0 26.1
203 17.3 0.0 37.2

Manual Integrations
APPROVED

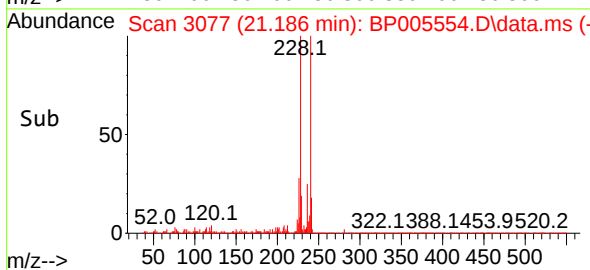
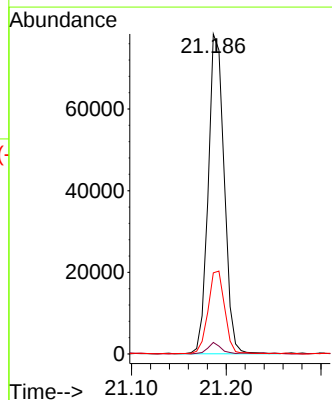
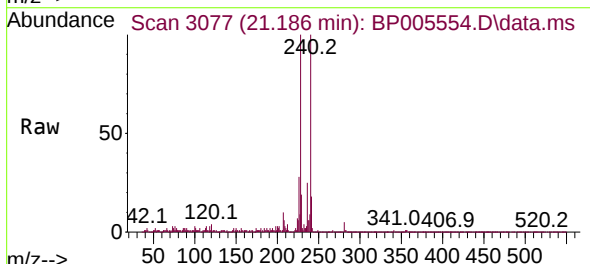
mohammad
5/17/2021 11:19:34 AM

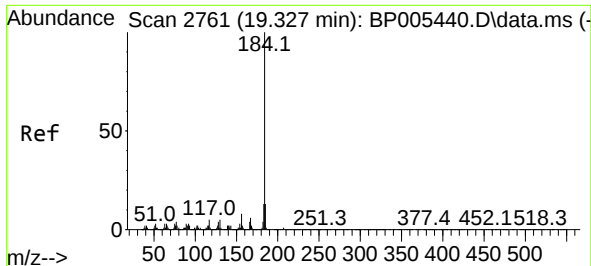
5/17/2021 11:19:34 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:240 Resp: 91373
Ion Ratio Lower Upper
240 100
120 3.6 4.2 6.2#
236 25.4 20.2 30.2





#77
Benzidine
Concen: 56.28 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

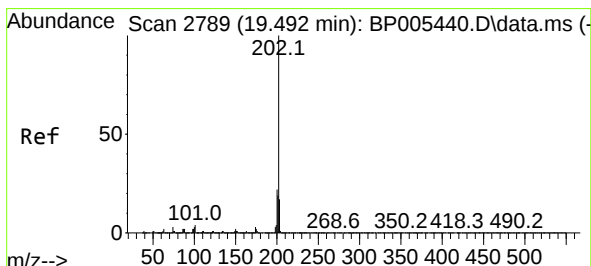
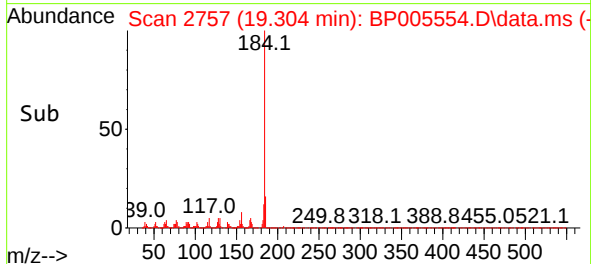
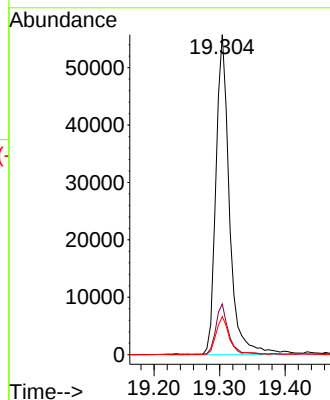
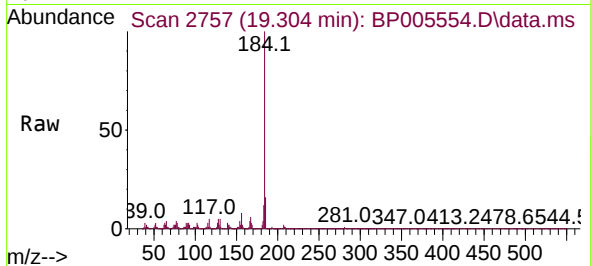
Tgt Ion:	184	Resp:	79606
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.1	16.7
183	11.9	9.8	14.8

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

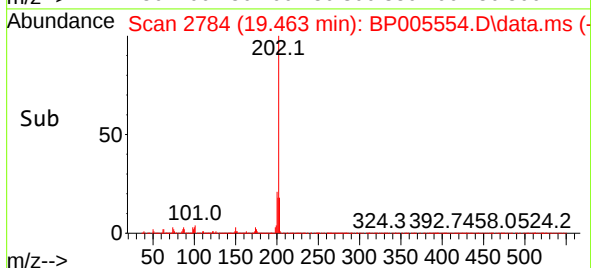
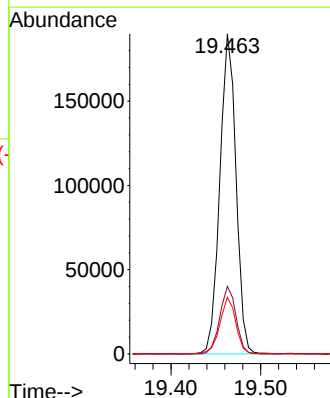
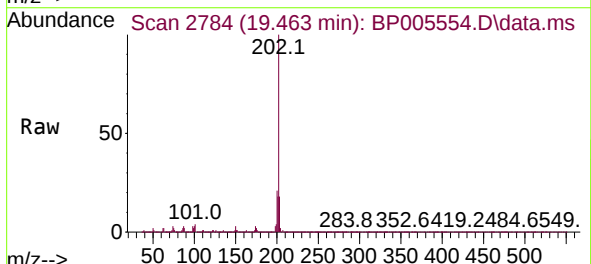
mohammad
5/17/2021 11:19:34 AM

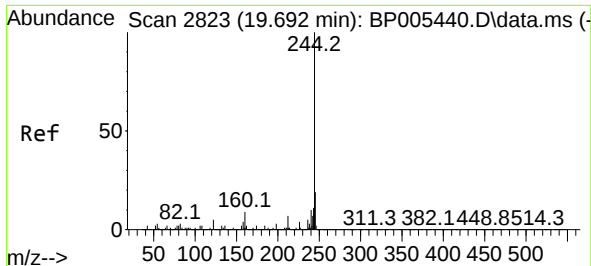
5/17/2021 11:19:34 AM



#78
Pyrene
Concen: 45.97 ng
RT: 19.463 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:	202	Resp:	237789
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.7	13.8	20.6





#79
Terphenyl-d14
Concen: 82.97 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

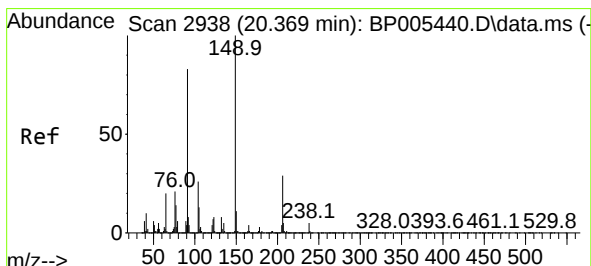
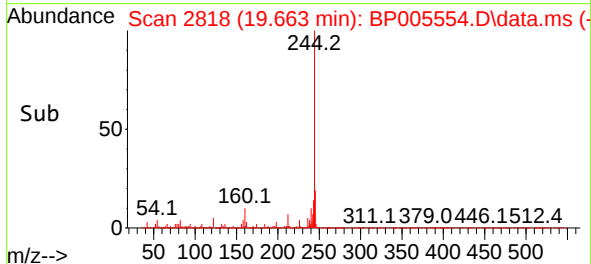
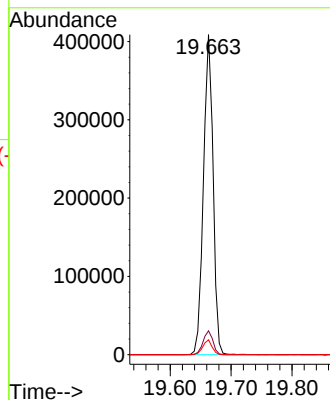
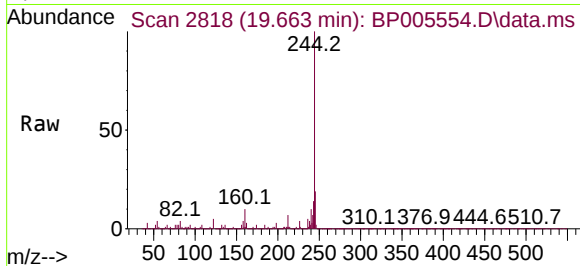
Tgt Ion:244 Resp: 446394
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.6 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

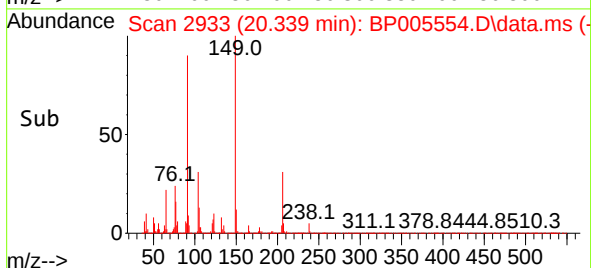
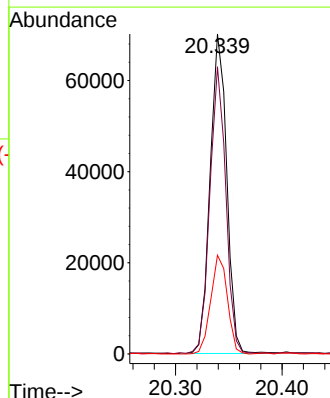
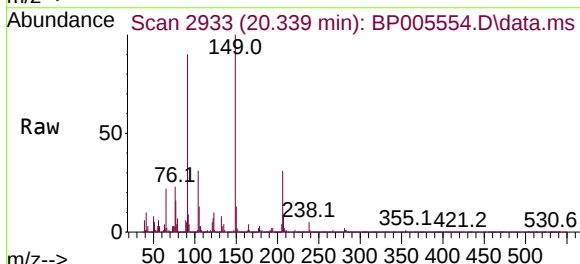
mohammad
5/17/2021 11:19:34 AM

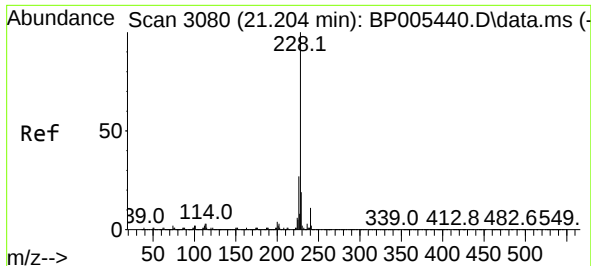
5/17/2021 11:19:34 AM



#80
Butylbenzylphthalate
Concen: 45.54 ng
RT: 20.339 min Scan# 2933
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:149 Resp: 76112
Ion Ratio Lower Upper
149 100
91 89.7 60.2 90.4
206 30.8 23.9 35.9





#81
Benzo(a)anthracene
Concen: 49.18 ng
RT: 21.175 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

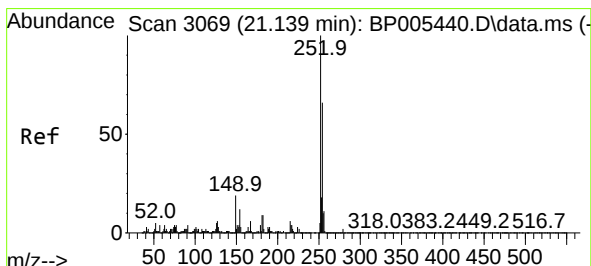
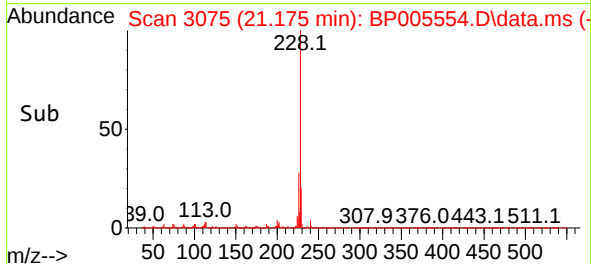
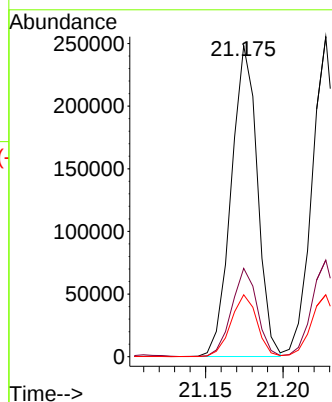
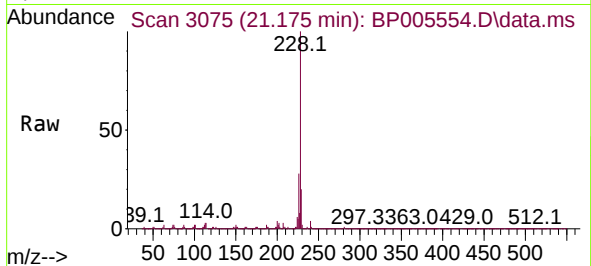
Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Tgt Ion:228 Resp: 291197
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 19.9 15.6 23.4

Manual Integrations
APPROVED

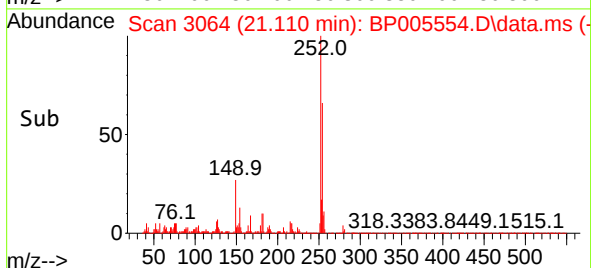
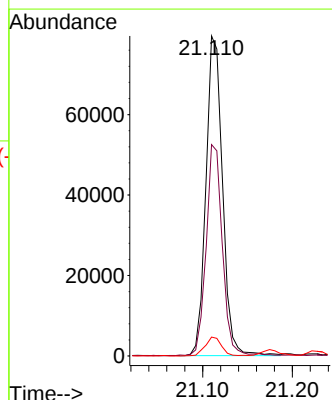
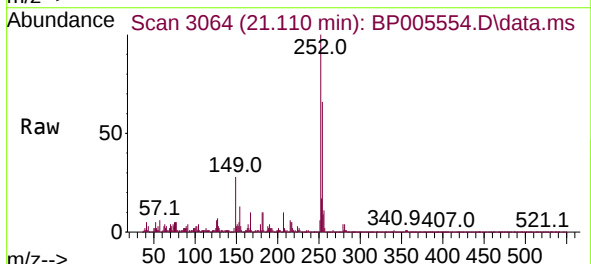
mohammad
5/17/2021 11:19:34 AM

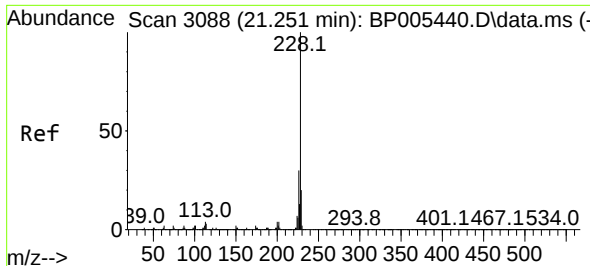
5/17/2021 11:19:34 AM



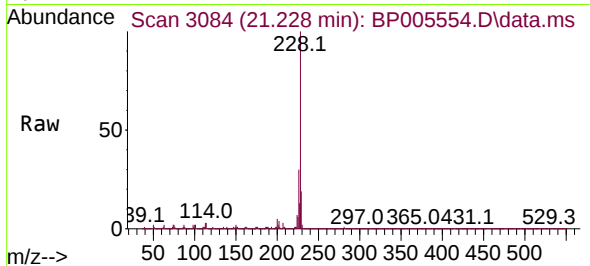
#82
3,3'-Dichlorobenzidine
Concen: 45.70 ng
RT: 21.110 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:252 Resp: 101940
Ion Ratio Lower Upper
252 100
254 66.0 49.9 74.9
126 5.9 5.5 8.3

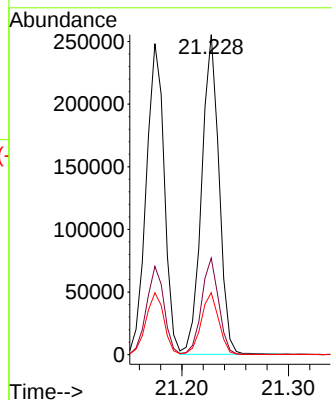
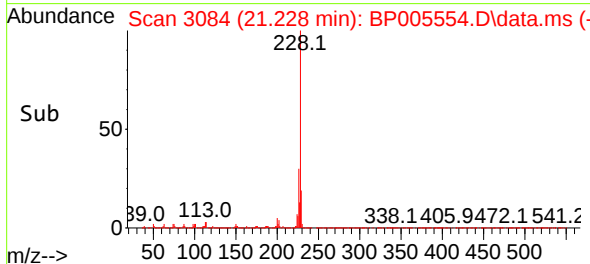




#83
Chrysene
Concen: 50.39 ng
RT: 21.228 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08



Tgt Ion:228 Resp: 289212
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 19.3 15.4 23.0

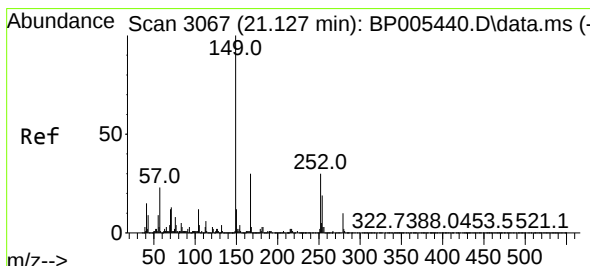


Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

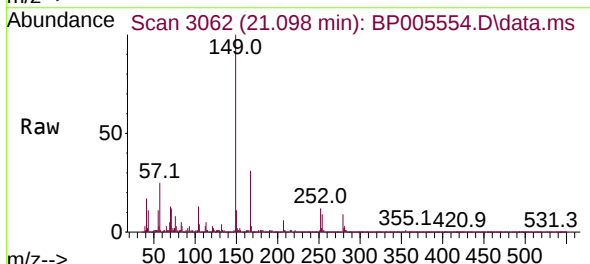
Manual Integrations
APPROVED

mohammad
5/17/2021 11:19:34 AM

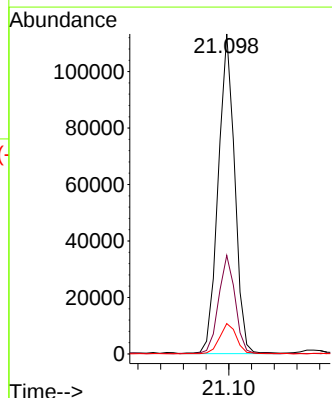
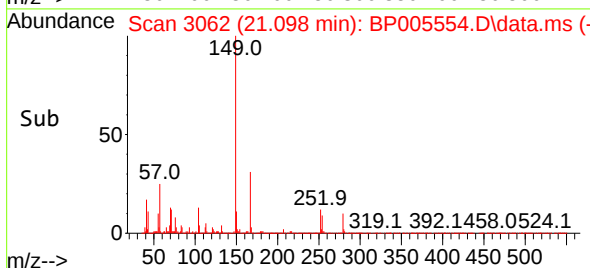
5/17/2021 11:19:34 AM

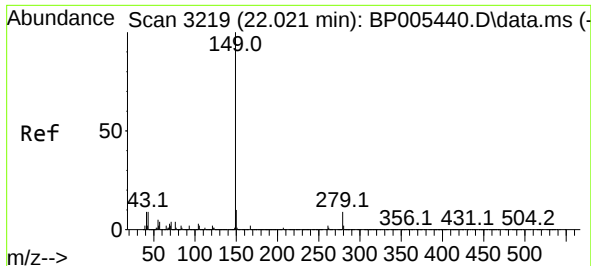


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.60 ng
RT: 21.098 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08



Tgt Ion:149 Resp: 113982
Ion Ratio Lower Upper
149 100
167 30.8 23.8 35.8
279 9.5 5.7 8.5#





#85
Di-n-octyl phthalate
Concen: 48.71 ng
RT: 21.986 min Scan# 3213
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

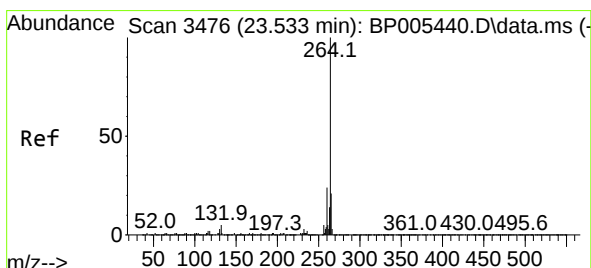
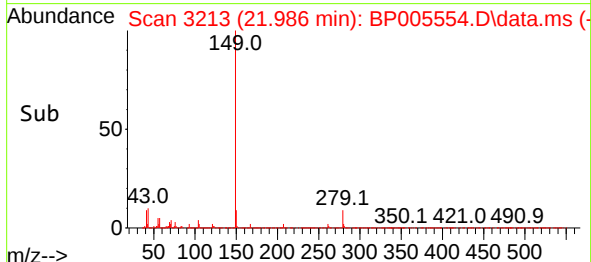
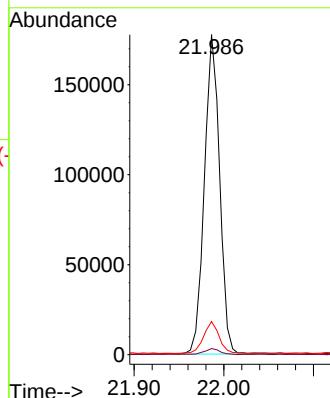
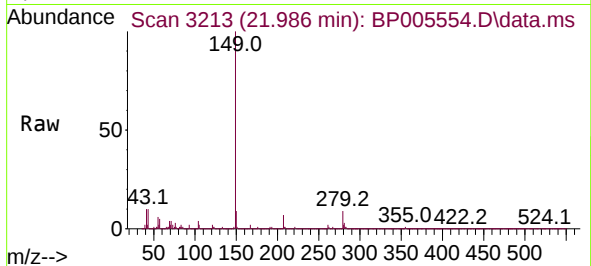
Tgt Ion:149 Resp: 209108
Ion Ratio Lower Upper
149 100
167 2.0 1.5 2.3
43 10.3 5.1 7.7#

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

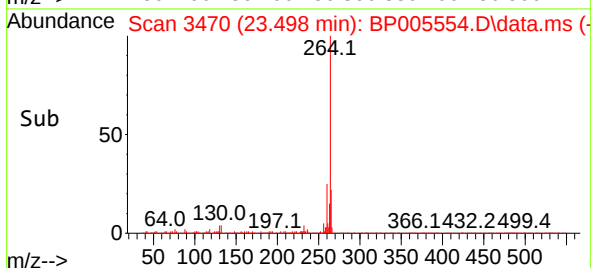
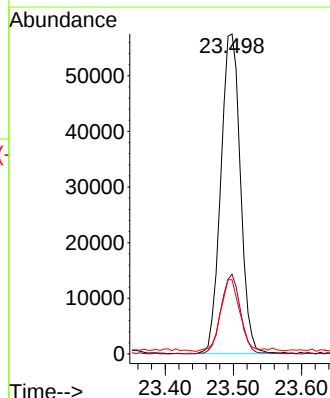
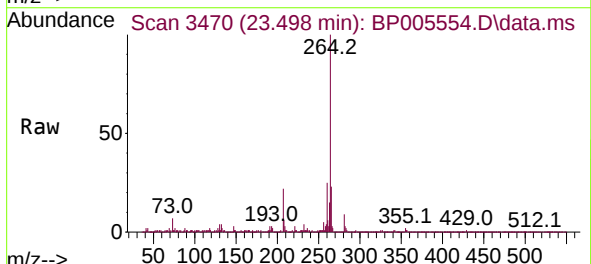
mohammad
5/17/2021 11:19:34 AM

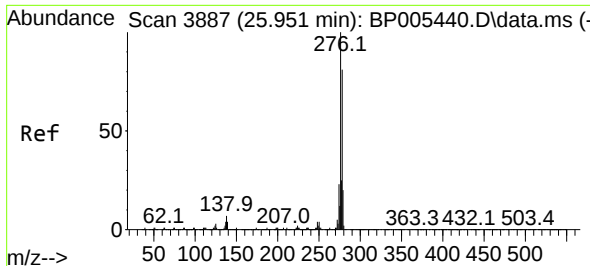
5/17/2021 11:19:34 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:264 Resp: 114824
Ion Ratio Lower Upper
264 100
260 24.9 20.6 30.8
265 23.2 19.0 28.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.22 ng
RT: 25.910 min Scan# 3880
Delta R.T. 0.006 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

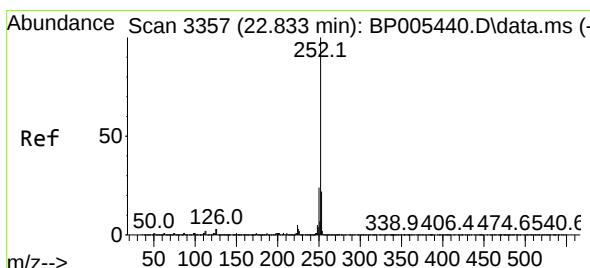
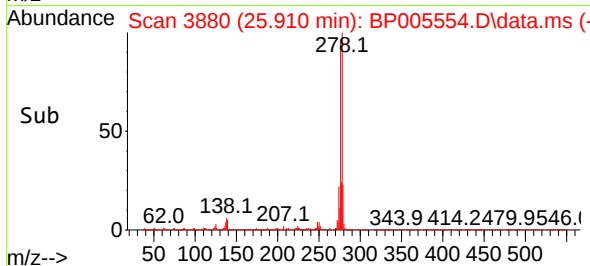
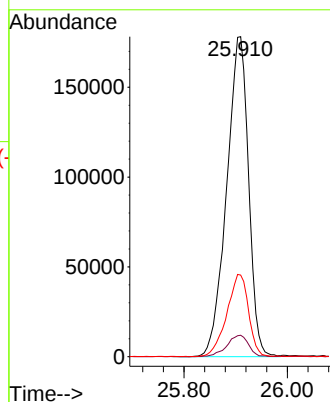
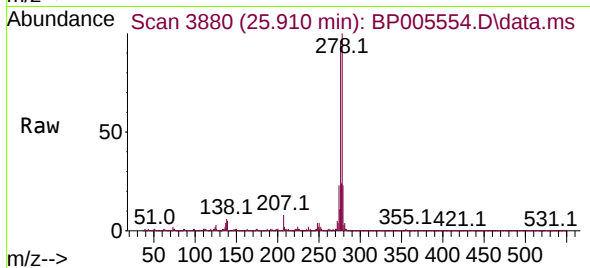
Tgt Ion: 276 Resp: 523766
Ion Ratio Lower Upper
276 100
138 6.7 8.4 12.6#
277 25.5 20.6 31.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

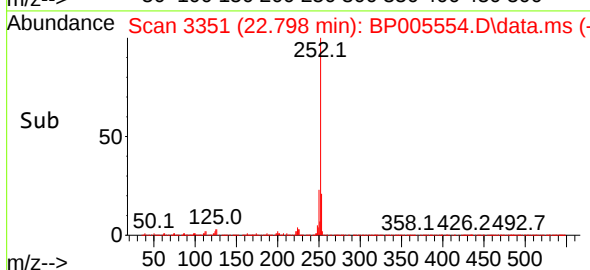
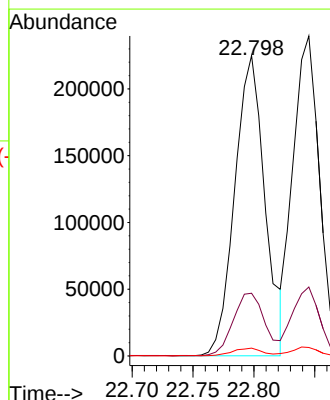
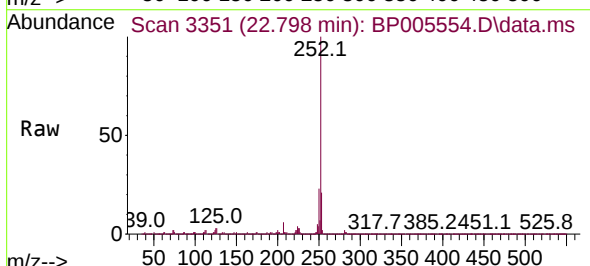
mohammad
5/17/2021 11:19:34 AM

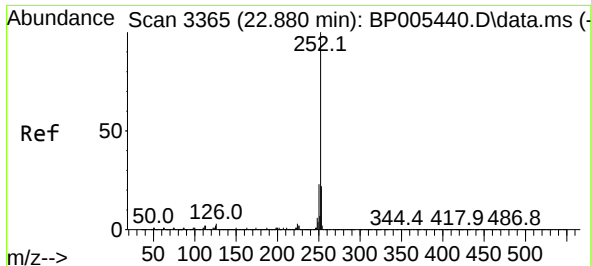
5/17/2021 11:19:34 AM



#88
Benzo(b)fluoranthene
Concen: 50.66 ng
RT: 22.798 min Scan# 3351
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

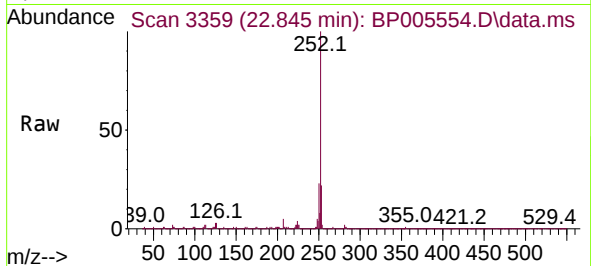
Tgt Ion: 252 Resp: 387593
Ion Ratio Lower Upper
252 100
253 20.9 18.2 27.2
125 2.6 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 48.64 ng
RT: 22.845 min Scan# 3359
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

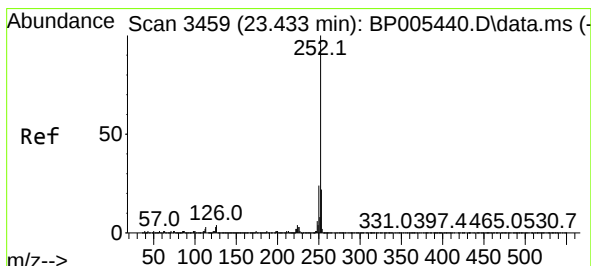
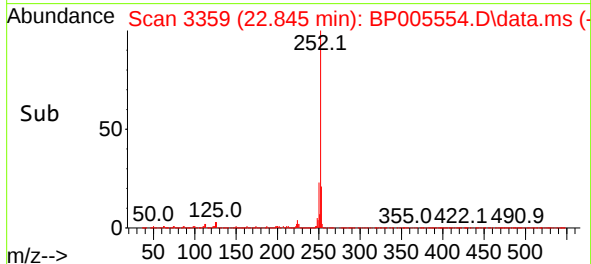
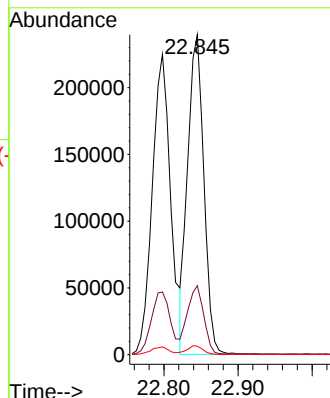
Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD



Tgt Ion:252 Resp: 363893
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 2.6 3.8 5.6#

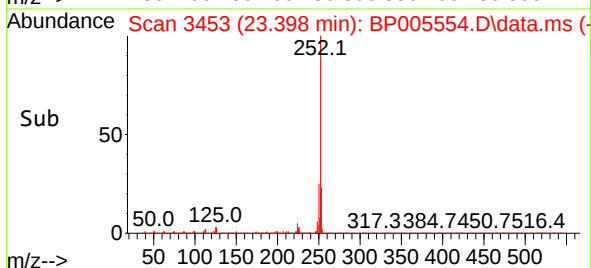
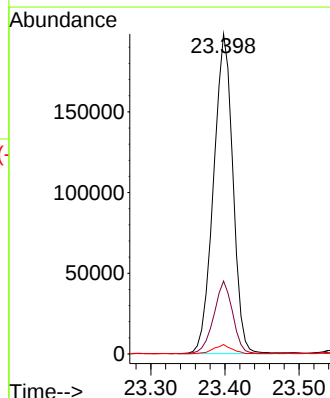
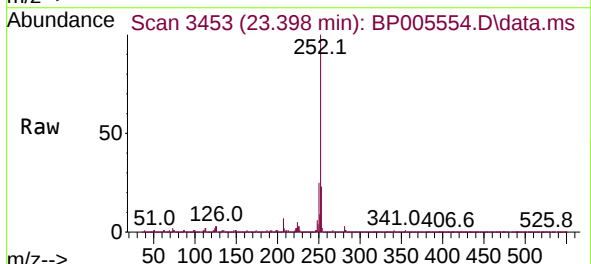
Manual Integrations
APPROVED

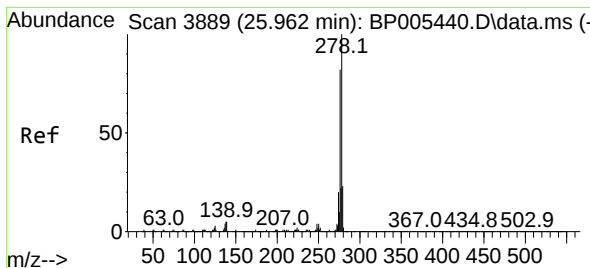
mohammad
5/17/2021 11:19:34 AM



#90
Benzo(a)pyrene
Concen: 51.23 ng
RT: 23.398 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion:252 Resp: 359295
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 3.0 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 53.60 ng
RT: 25.910 min Scan# 3880
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

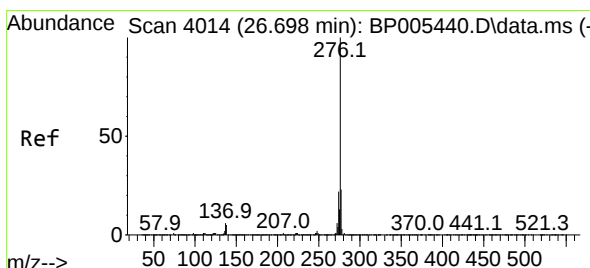
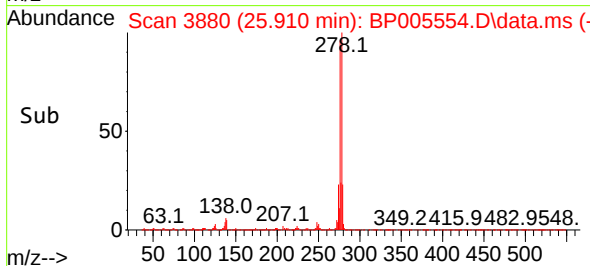
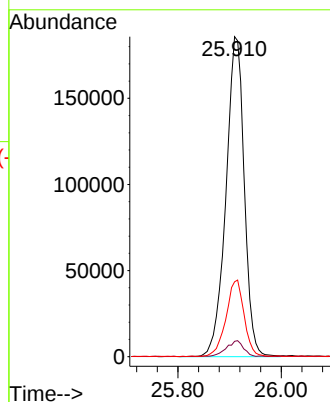
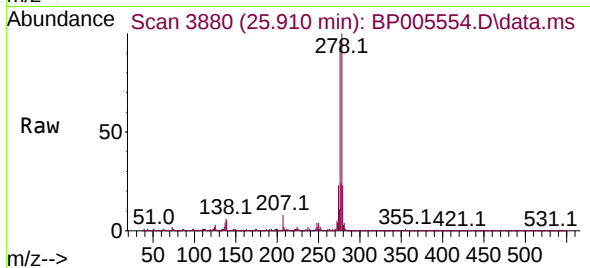
Tgt Ion: 278 Resp: 456850
Ion Ratio Lower Upper
278 100
139 4.8 5.0 7.6#
279 23.4 18.6 28.0

Instrument :
BNA_P
ClientSampleId :
VNJ-206MSD

Manual Integrations
APPROVED

mohammad
5/17/2021 11:19:34 AM

5/17/2021 11:19:34 AM



#92
Benzo(g,h,i)perylene
Concen: 52.91 ng
RT: 26.639 min Scan# 4004
Delta R.T. 0.000 min
Lab File: BP005554.D
Acq: 14 May 2021 18:08

Tgt Ion: 276 Resp: 417268
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.8
138 5.5 7.7 11.5#

