

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
 Data File : BM036413.D
 Acq On : 25 Aug 2022 19:17
 Operator : CG/JU
 Sample : N4260-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SASP2-T-4-(16-22)MSD

Quant Time: Aug 26 03:42:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 15:21:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	318982	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1308367	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	699298	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1206836	20.000	ng	0.00
76) Chrysene-d12	21.356	240	812958	20.000	ng	0.00
86) Perylene-d12	23.674	264	760955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2057900	104.595	ng	0.00
7) Phenol-d6	6.969	99	2575064	102.859	ng	0.00
23) Nitrobenzene-d5	8.957	82	1557681	66.644	ng	0.00
42) 2,4,6-Tribromophenol	15.921	330	730008	88.985	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3154320	66.599	ng	0.00
79) Terphenyl-d14	19.798	244	3117430	75.637	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	317853	40.092	ng	97
3) Pyridine	3.646	79	855876	40.258	ng	93
4) n-Nitrosodimethylamine	3.563	42	451502	51.681	ng	# 74
6) Aniline	7.116	93	1072685	38.693	ng	97
8) 2-Chlorophenol	7.351	128	995846	47.472	ng	97
9) Benzaldehyde	6.928	77	507177	38.267	ng	98
10) Phenol	6.998	94	1229147	48.761	ng	93
11) bis(2-Chloroethyl)ether	7.222	93	955050	45.993	ng	96
12) 1,3-Dichlorobenzene	7.669	146	1067991	45.943	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1093434	46.124	ng	99
14) 1,2-Dichlorobenzene	8.134	146	1042411	45.572	ng	100
15) Benzyl Alcohol	8.039	79	820479	48.838	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1376155	49.839	ng	98
17) 2-Methylphenol	8.245	107	794765	47.630	ng	97
18) Hexachloroethane	8.857	117	413201	48.419	ng	95
19) n-Nitroso-di-n-propyla...	8.604	70	712495	46.854	ng	92
20) 3+4-Methylphenols	8.575	107	1058990	46.712	ng	98
22) Acetophenone	8.622	105	1450300	46.827	ng	# 94
24) Nitrobenzene	8.998	77	1071820	48.779	ng	99
25) Isophorone	9.528	82	1912188	50.289	ng	98
26) 2-Nitrophenol	9.704	139	505728	48.797	ng	97
27) 2,4-Dimethylphenol	9.775	122	859300	53.524	ng	97
28) bis(2-Chloroethoxy)met...	10.010	93	1210929	44.701	ng	100
29) 2,4-Dichlorophenol	10.239	162	835692	46.287	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	881989	43.108	ng	98
31) Naphthalene	10.633	128	2952046	45.382	ng	100
32) Benzoic acid	9.945	122	524904	41.245	ng	96
33) 4-Chloroaniline	10.763	127	335867	12.812	ng	96
34) Hexachlorobutadiene	10.910	225	528638	43.970	ng	98
35) Caprolactam	11.575	113	230375	41.426	ng	98
36) 4-Chloro-3-methylphenol	11.892	107	849774	44.779	ng	98
37) 2-Methylnaphthalene	12.251	142	1961826	45.322	ng	99
38) 1-Methylnaphthalene	12.469	142	1863855	43.969	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	898112	47.372	ng	98
41) Hexachlorocyclopentadiene	12.586	237	1101563	109.706	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	605125	46.907	ng	99

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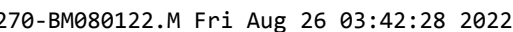
Instrument :
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 ClientSampleId :
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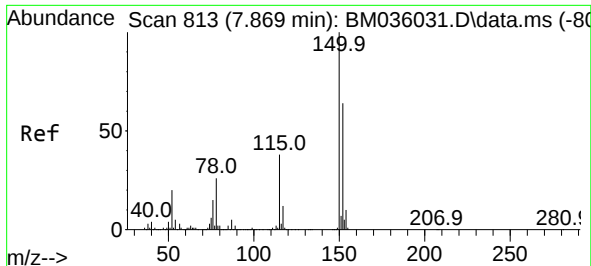
Quant Time: Aug 26 03:42:10 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	638982	46.921	ng	98
46) 1,1'-Biphenyl	13.263	154	2463517	48.339	ng	99
47) 2-Chloronaphthalene	13.304	162	1849160	47.408	ng	98
48) 2-Nitroaniline	13.527	65	530059	49.866	ng	95
49) Acenaphthylene	14.151	152	2876128	47.702	ng	100
50) Dimethylphthalate	13.904	163	2101430	44.189	ng	98
51) 2,6-Dinitrotoluene	14.021	165	452633	47.439	ng	97
52) Acenaphthene	14.492	154	1709948	43.355	ng	100
53) 3-Nitroaniline	14.351	138	244642	21.976	ng	98
54) 2,4-Dinitrophenol	14.563	184	418318	82.850	ng	94
55) Dibenzofuran	14.827	168	2638636	44.675	ng	99
56) 4-Nitrophenol	14.674	139	758638	85.159	ng	91
57) 2,4-Dinitrotoluene	14.810	165	589746	47.156	ng	89
58) Fluorene	15.474	166	2108955	45.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	484828	42.028	ng	97
60) Diethylphthalate	15.257	149	2109338	43.162	ng	100
61) 4-Chlorophenyl-phenyle...	15.474	204	1012124	43.567	ng	98
62) 4-Nitroaniline	15.515	138	402550	35.150	ng	97
63) Azobenzene	15.763	77	2141079	46.086	ng	94
65) 4,6-Dinitro-2-methylph...	15.568	198	265476	43.022	ng	92
66) n-Nitrosodiphenylamine	15.692	169	1706209	50.081	ng	100
67) 4-Bromophenyl-phenylether	16.368	248	574174	47.564	ng	96
68) Hexachlorobenzene	16.474	284	655959	47.359	ng	95
69) Atrazine	16.651	200	543613	57.025	ng	99
70) Pentachlorophenol	16.827	266	736258	90.763	ng	99
71) Phenanthrene	17.215	178	2887511	46.964	ng	99
72) Anthracene	17.304	178	2912260	48.925	ng	99
73) Carbazole	17.586	167	2553331	42.335	ng	99
74) Di-n-butylphthalate	18.145	149	3331667	46.275	ng	100
75) Fluoranthene	19.233	202	2847009	41.367	ng	98
77) Benzidine	19.427	184	1111548	91.170	ng	99
78) Pyrene	19.592	202	2842340	56.383	ng	99
80) Butylbenzylphthalate	20.497	149	1202410	55.264	ng	98
81) Benzo(a)anthracene	21.339	228	2308385	46.100	ng	99
82) 3,3'-Dichlorobenzidine	21.280	252	667009	54.859	ng	100
83) Chrysene	21.392	228	2154187	45.257	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	1757654	53.546	ng	99
85) Di-n-octyl phthalate	22.168	149	2551077	47.621	ng	97
87) Indeno(1,2,3-cd)pyrene	26.091	276	2737633	51.194	ng	97
88) Benzo(b)fluoranthene	22.974	252	2103477	47.180	ng	99
89) Benzo(k)fluoranthene	22.974	252	2103477	46.713	ng	99
90) Benzo(a)pyrene	23.574	252	1884663	50.383	ng	98
91) Dibenzo(a,h)anthracene	26.097	278	2399691	53.610	ng	98
92) Benzo(g,h,i)perylene	26.826	276	2437392	56.247	ng	98

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

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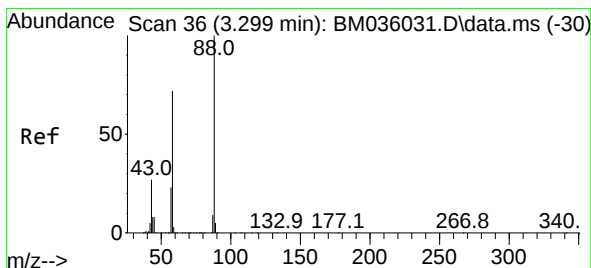
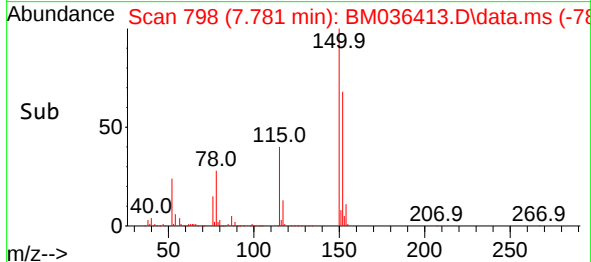
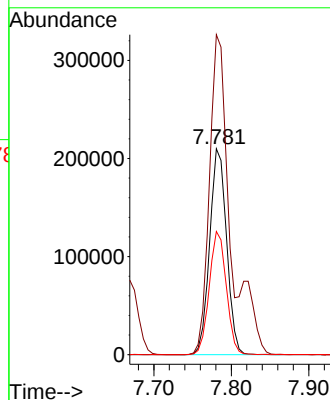
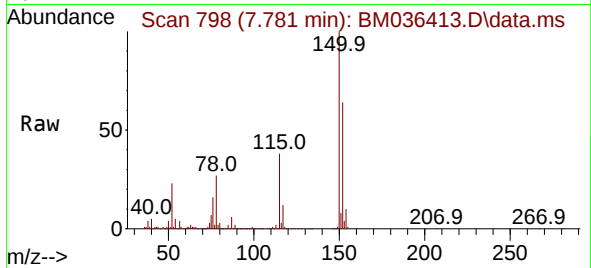




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

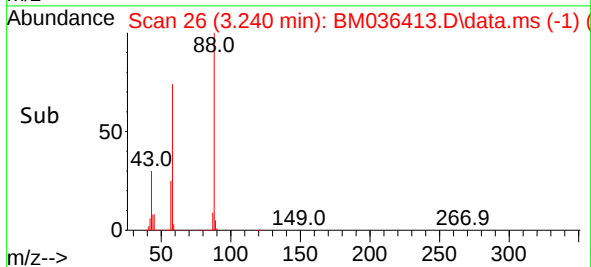
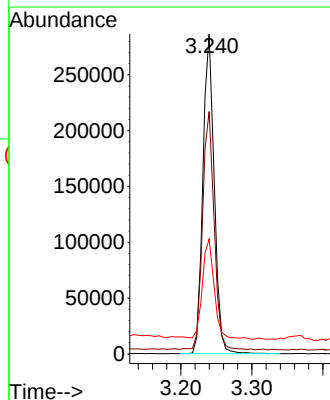
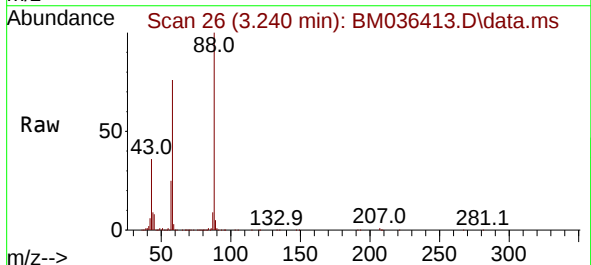
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ClientSampleId :
SASP2-T-4-(16-22)MSD

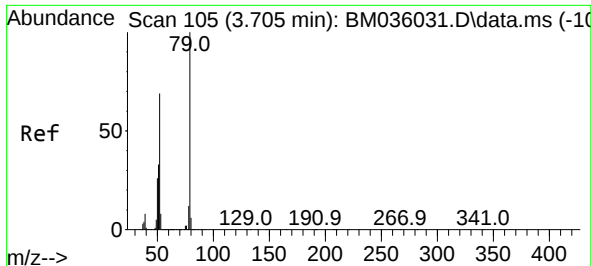
Tgt Ion:152 Resp: 318982
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 59.8 47.9 71.9



#2
1,4-Dioxane
Concen: 40.092 ng
RT: 3.240 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 88 Resp: 317853
Ion Ratio Lower Upper
88 100
58 76.5 62.3 93.5
43 33.0 28.7 43.1

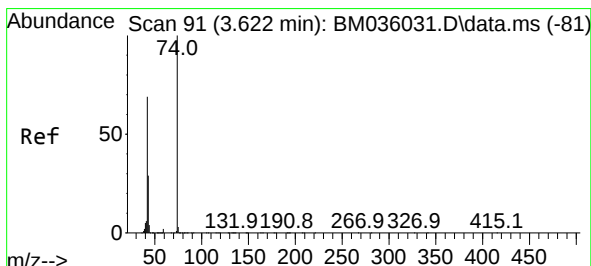
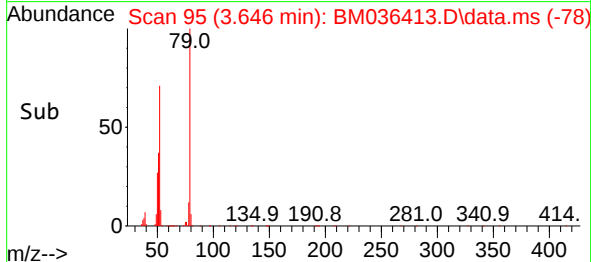
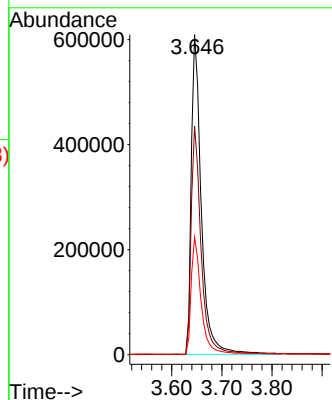
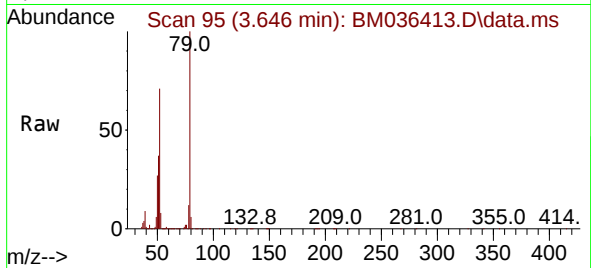




#3
Pyridine
Concen: 40.258 ng
RT: 3.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

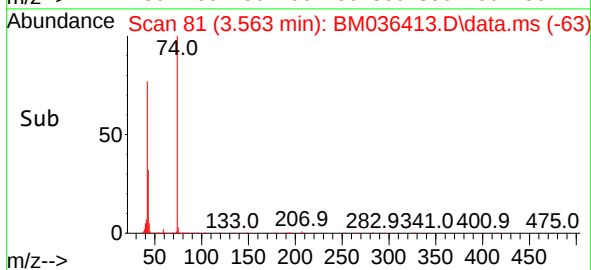
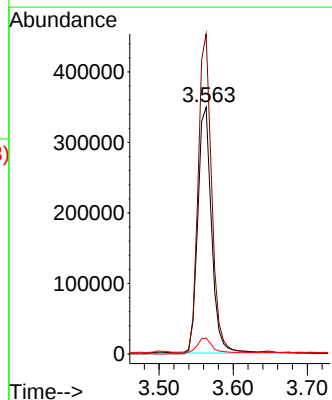
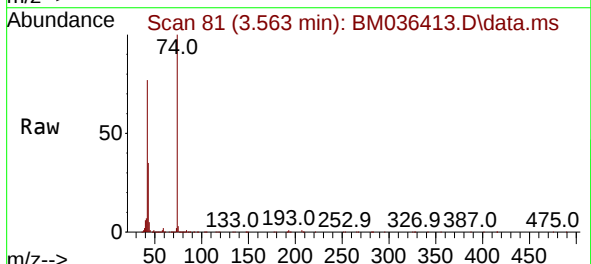
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

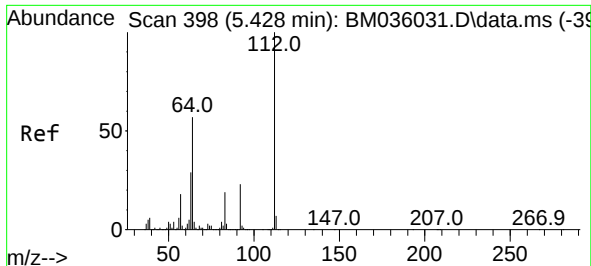
Tgt Ion: 79 Resp: 855876
Ion Ratio Lower Upper
79 100
52 71.4 61.9 92.9
51 36.7 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 51.681 ng
RT: 3.563 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 42 Resp: 451502
Ion Ratio Lower Upper
42 100
74 129.7 81.6 122.4#
44 6.4 5.2 7.8

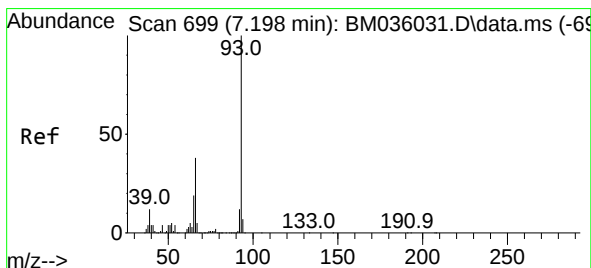
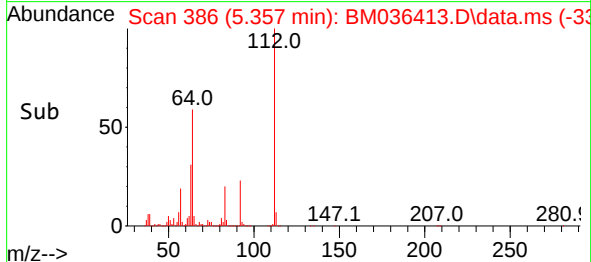
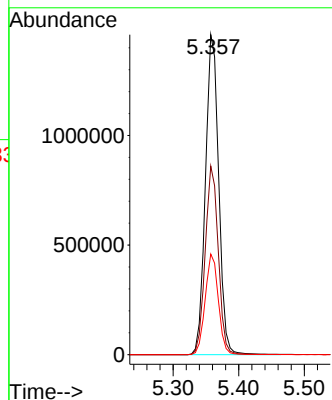
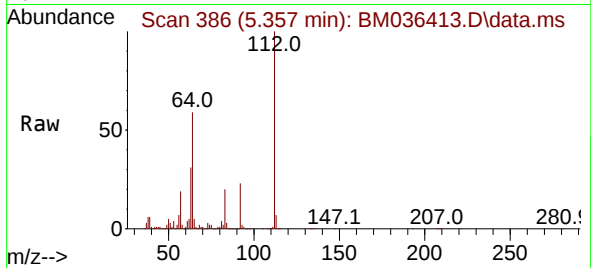




#5
2-Fluorophenol
Concen: 104.595 ng
RT: 5.357 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

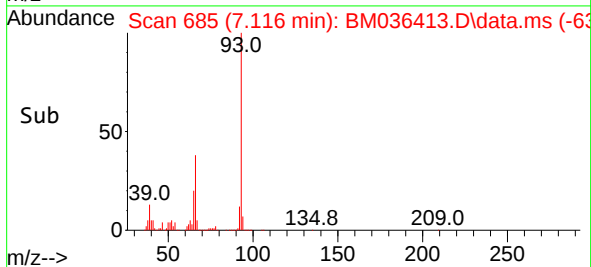
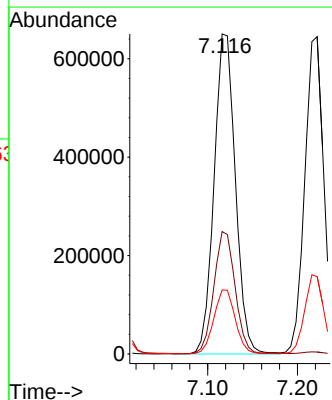
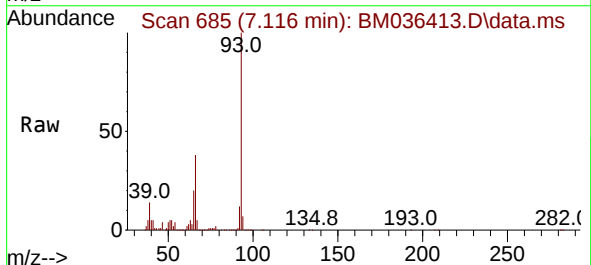
Instrument :
BNA_M
ClientSampleId :
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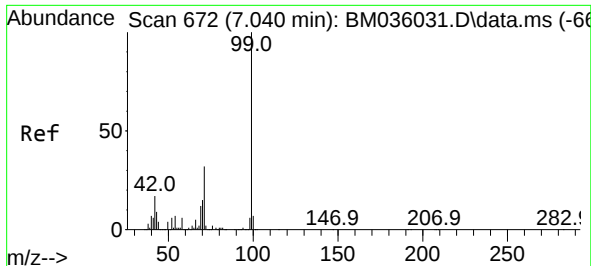
Tgt Ion:112 Resp: 2057900
Ion Ratio Lower Upper
112 100
64 59.0 47.8 71.6
63 31.4 26.6 40.0



#6
Aniline
Concen: 38.693 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 93 Resp: 1072685
Ion Ratio Lower Upper
93 100
66 38.3 32.6 49.0
65 20.0 16.8 25.2



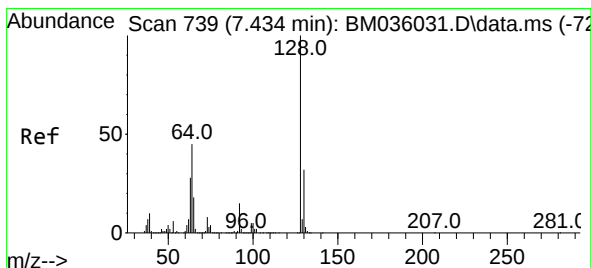
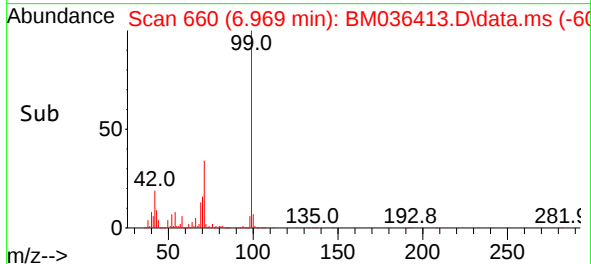
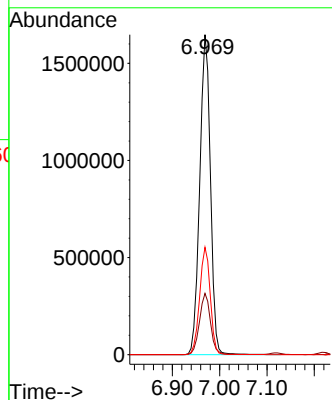
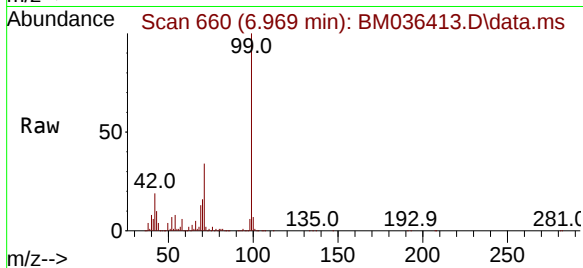


#7
Phenol-d6
Concen: 102.859 ng
RT: 6.969 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Instrument :
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ClientSampleId :
SASP2-T-4-(16-22)MSD

Tgt Ion: 99 Resp: 2575064

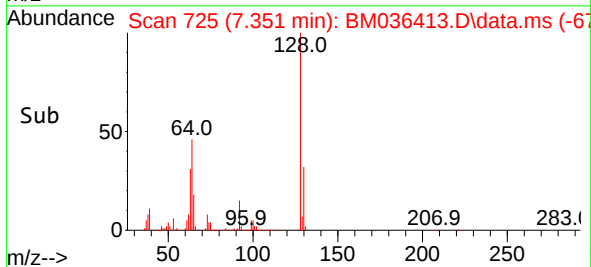
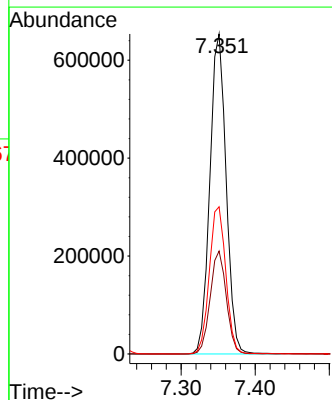
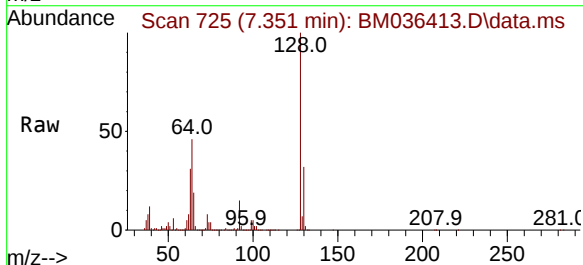
Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.8	28.2
71	33.6	30.2	45.2



#8
2-Chlorophenol
Concen: 47.472 ng
RT: 7.351 min Scan# 725
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 128 Resp: 995846

Ion	Ratio	Lower	Upper
128	100		
130	32.2	10.9	50.9
64	46.0	28.2	68.2

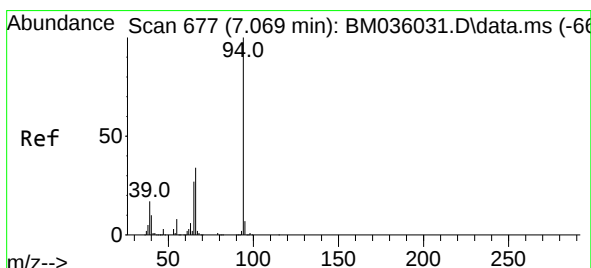
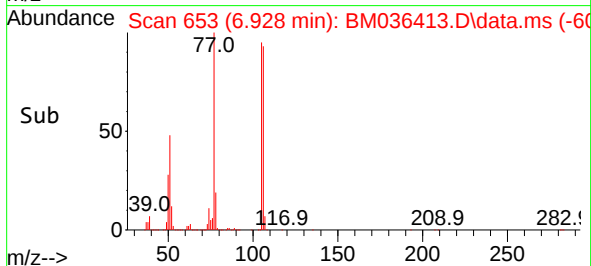
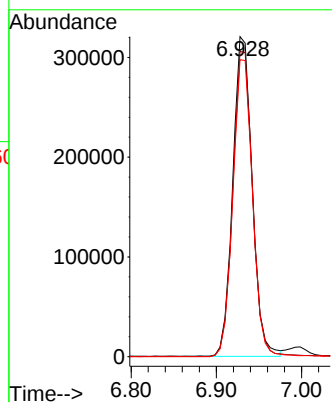
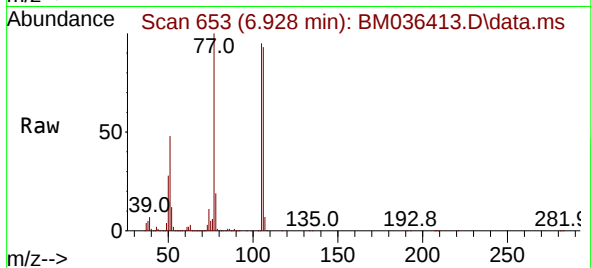




#9
Benzaldehyde
Concen: 38.267 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036413.D
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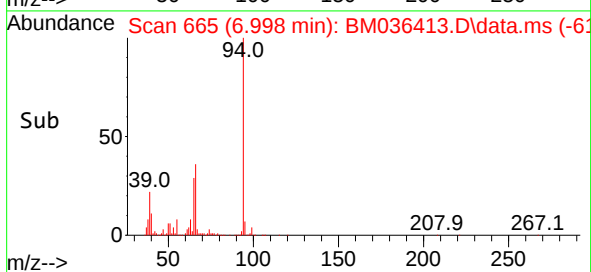
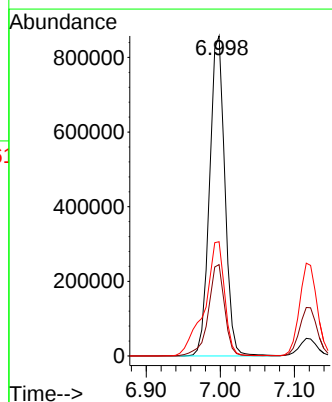
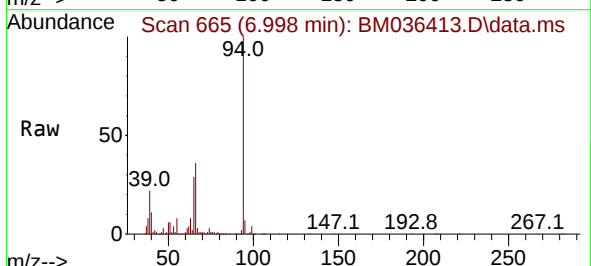
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BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

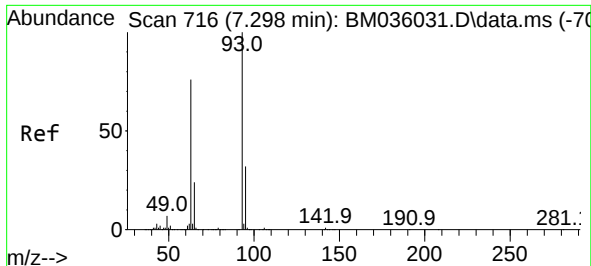
Tgt Ion: 77 Resp: 507177
Ion Ratio Lower Upper
77 100
105 95.4 76.3 116.3
106 92.8 69.0 109.0



#10
Phenol
Concen: 48.761 ng
RT: 6.998 min Scan# 665
Delta R.T. 0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 94 Resp: 1229147
Ion Ratio Lower Upper
94 100
65 28.5 11.4 51.4
66 35.7 21.4 61.4

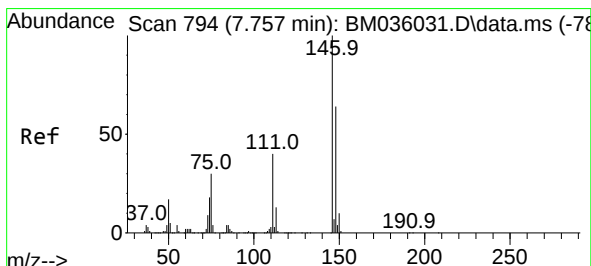
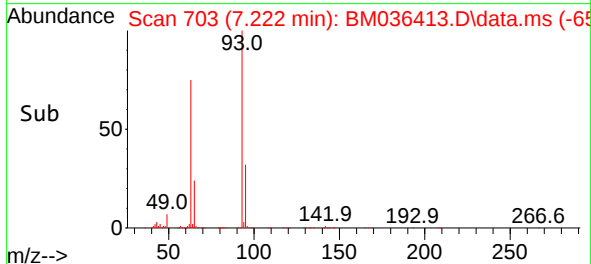
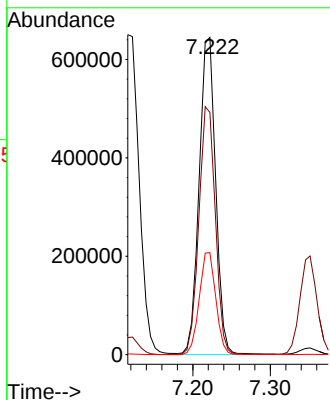
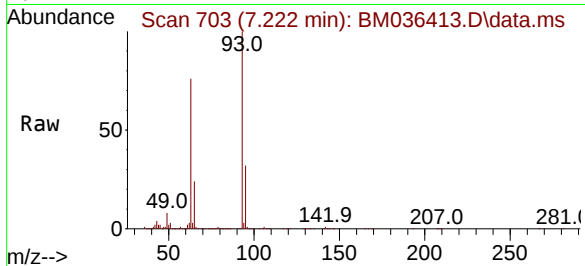




#11
bis(2-Chloroethyl)ether
Concen: 45.993 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

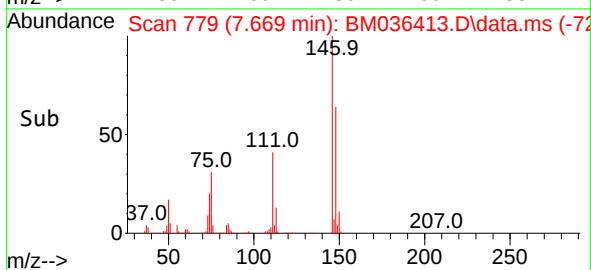
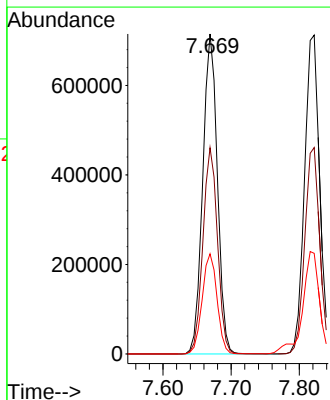
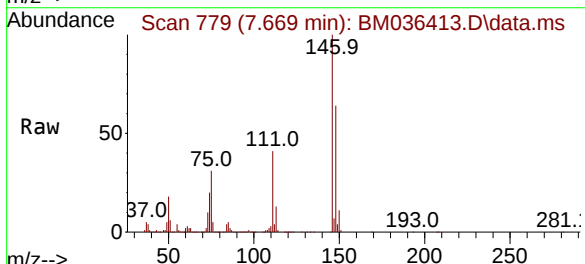
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

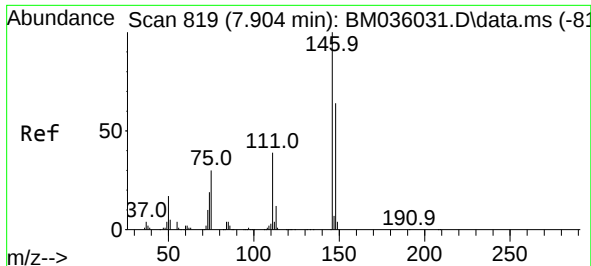
Tgt Ion: 93 Resp: 955050
Ion Ratio Lower Upper
93 100
63 76.4 60.6 100.6
95 32.2 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 45.943 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:146 Resp: 1067991
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
75 31.3 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 46.124 ng

RT: 7.822 min Scan# 805

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

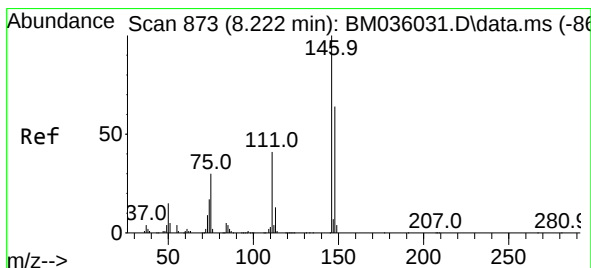
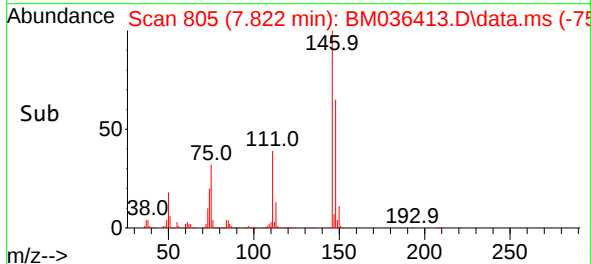
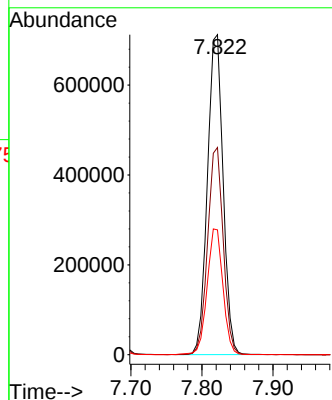
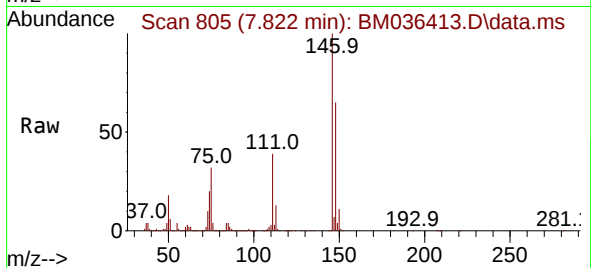
Tgt Ion:146 Resp: 1093434

Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

111 39.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 45.572 ng

RT: 8.134 min Scan# 858

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

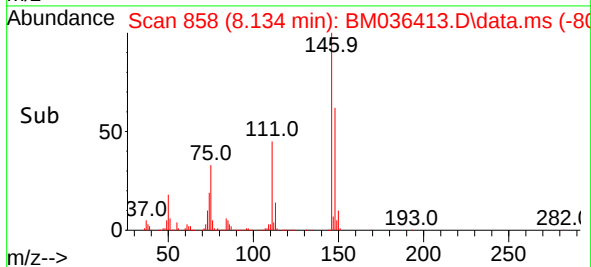
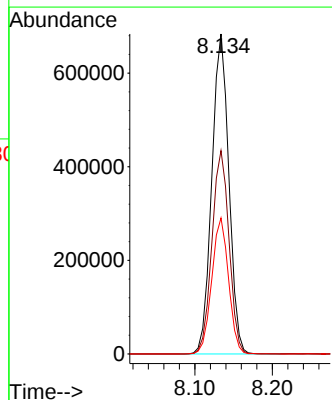
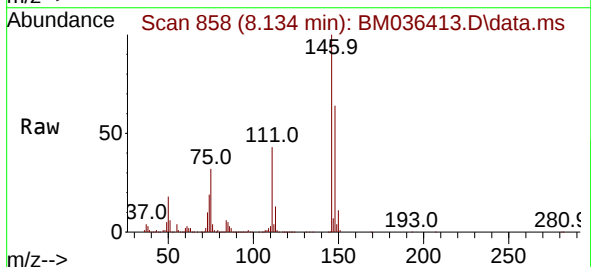
Tgt Ion:146 Resp: 1042411

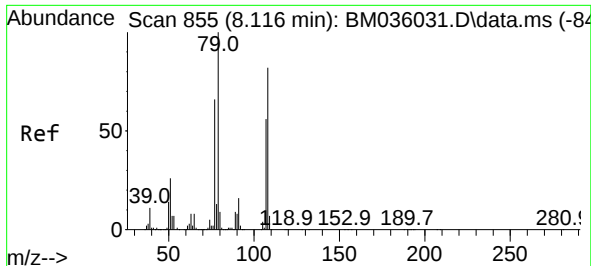
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 42.5 33.9 50.9

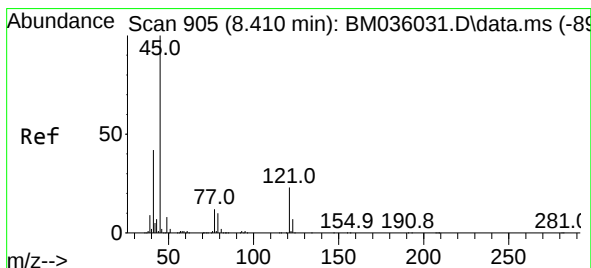
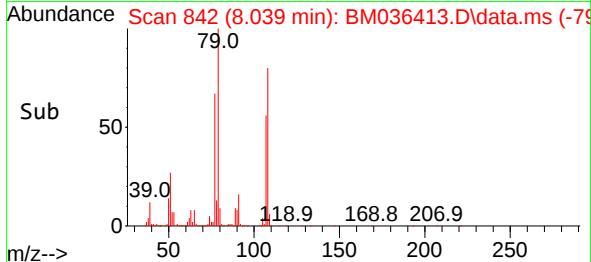
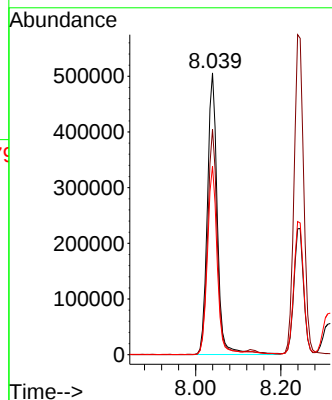
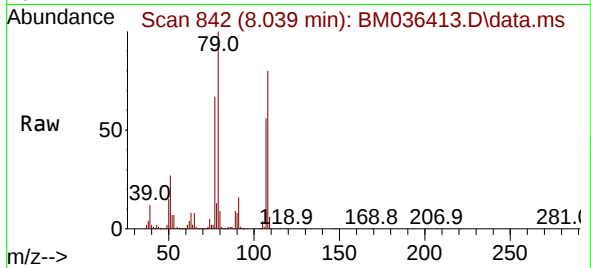




#15
Benzyl Alcohol
Concen: 48.838 ng
RT: 8.039 min Scan# 84
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

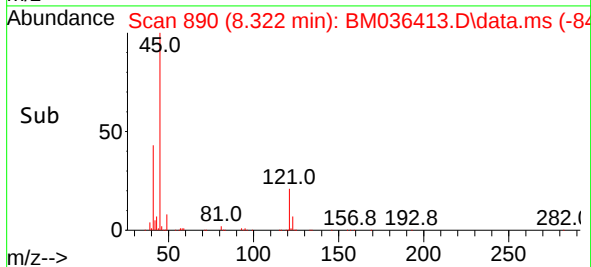
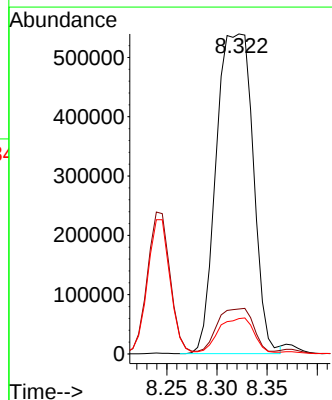
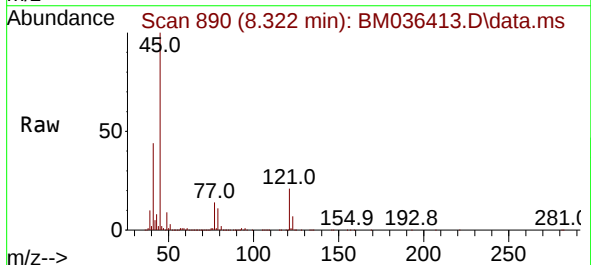
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

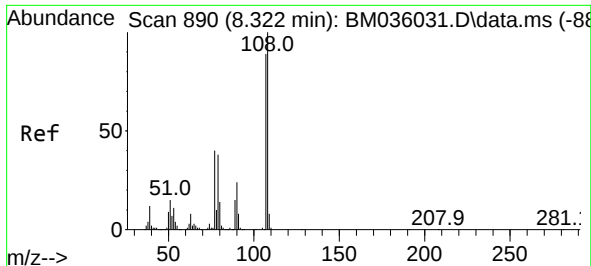
Tgt Ion: 79 Resp: 820479
Ion Ratio Lower Upper
79 100
108 80.0 59.0 88.4
77 66.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.839 ng
RT: 8.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 45 Resp: 1376155
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.1
79 11.1 0.0 30.5

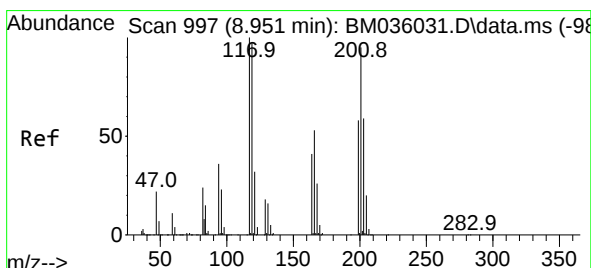
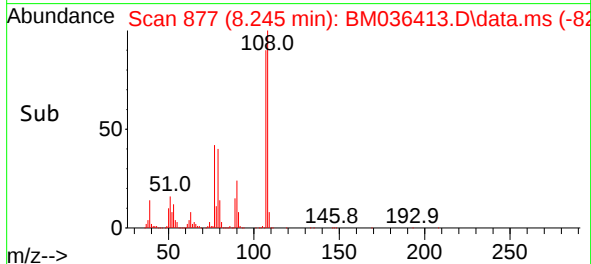
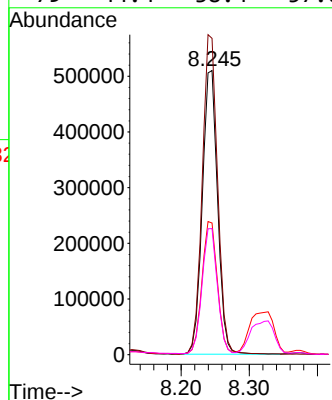
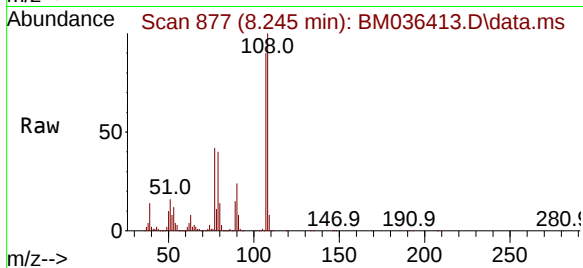




#17
2-Methylphenol
Concen: 47.630 ng
RT: 8.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

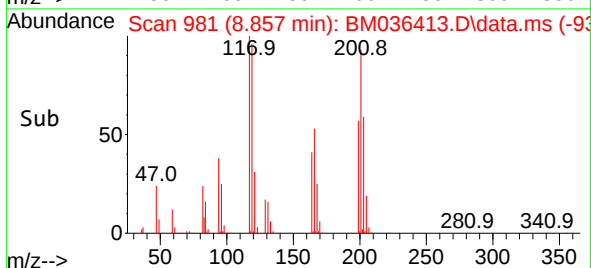
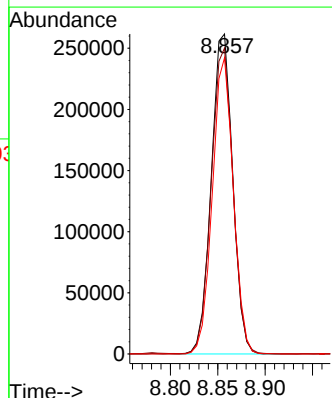
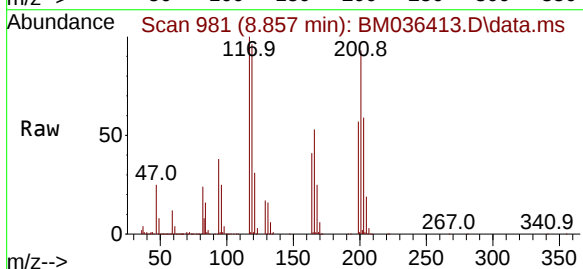
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

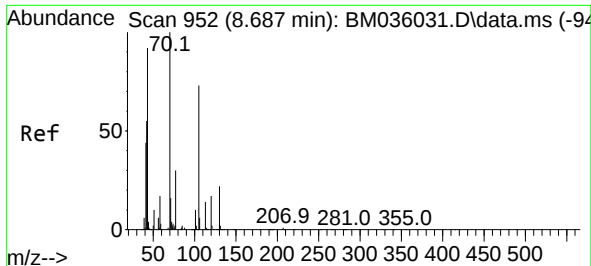
Tgt Ion:	107	Resp:	794765
Ion	Ratio	Lower	Upper
107	100		
108	111.3	88.7	133.1
77	46.4	40.6	60.8
79	44.4	38.4	57.6



#18
Hexachloroethane
Concen: 48.419 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:	117	Resp:	413201
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.6
201	92.6	81.0	121.4

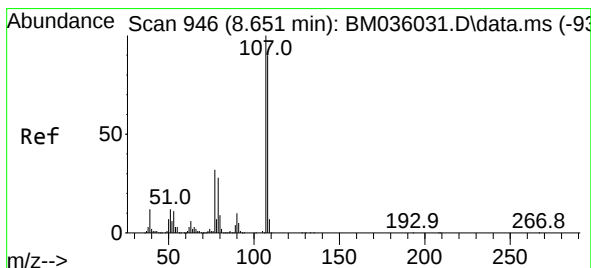
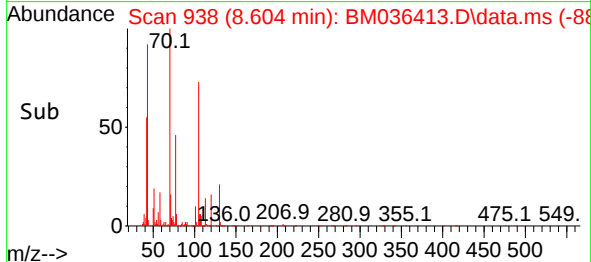
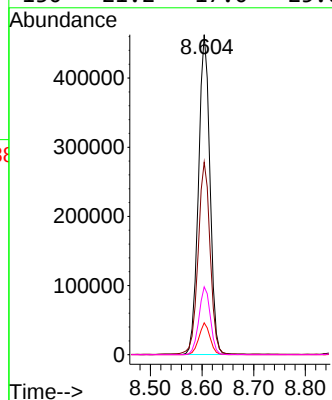
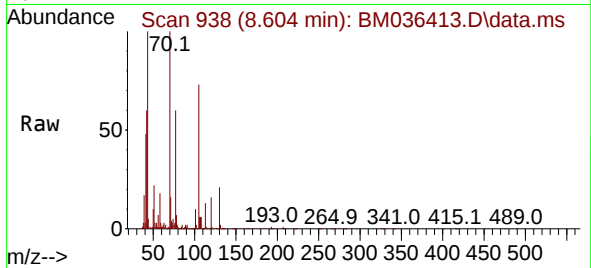




#19
n-Nitroso-di-n-propylamine
Concen: 46.854 ng
RT: 8.604 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

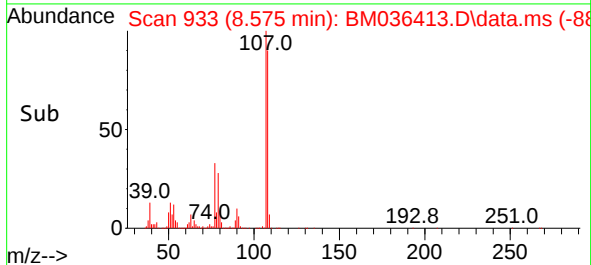
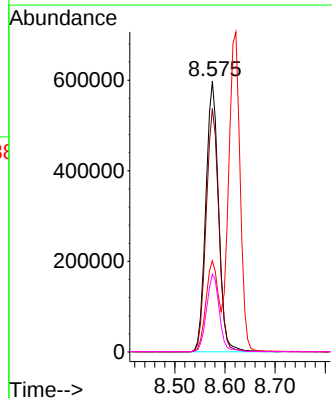
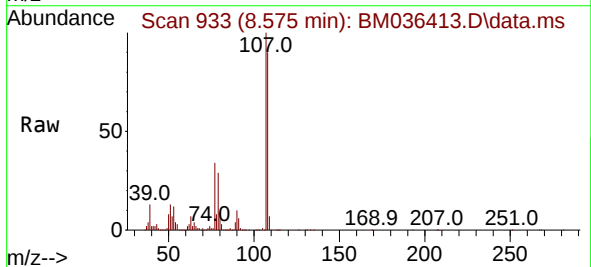
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

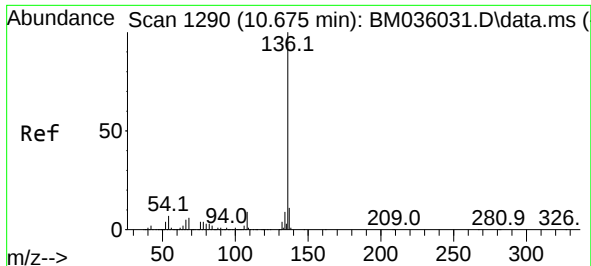
Tgt Ion: 70 Resp: 712495
Ion Ratio Lower Upper
70 100
42 60.2 55.4 83.2
101 9.9 7.8 11.6
130 21.2 17.0 25.6



#20
3+4-Methylphenols
Concen: 46.712 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 107 Resp: 1058990
Ion Ratio Lower Upper
107 100
108 89.9 69.3 109.3
77 33.7 15.8 55.8
79 28.7 12.3 52.3

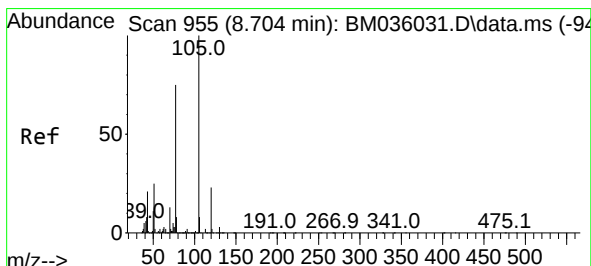
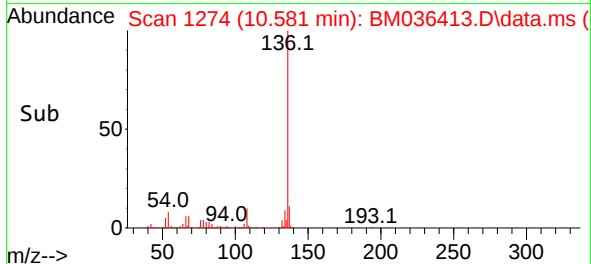
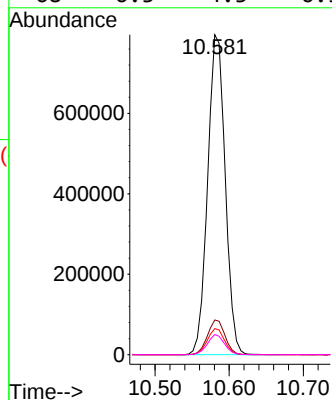
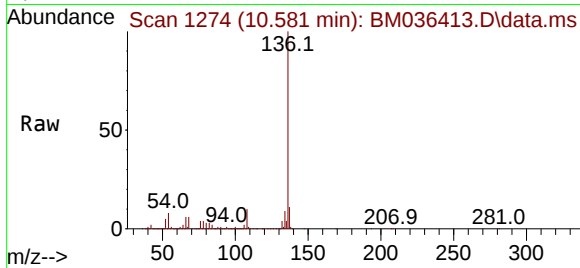




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

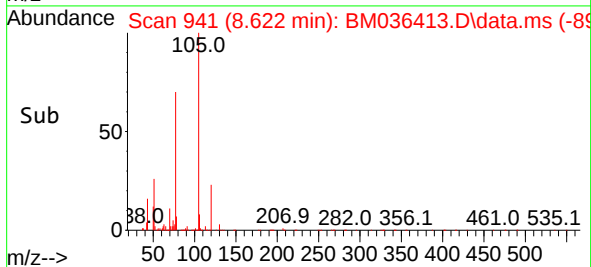
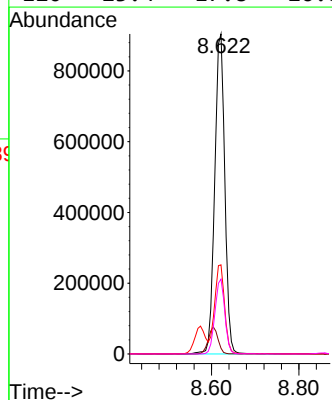
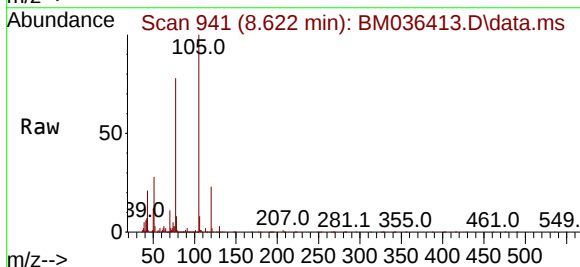
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

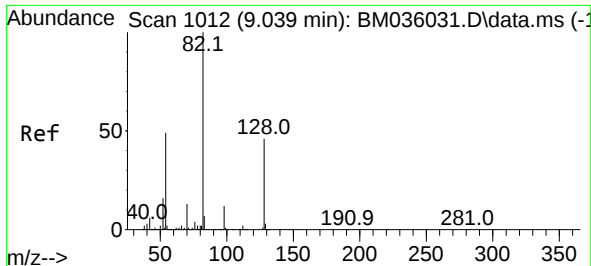
Tgt Ion:136 Resp: 1308367
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 7.0 10.4
68 6.3 4.3 6.5



#22
Acetophenone
Concen: 46.827 ng
RT: 8.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:105 Resp: 1450300
Ion Ratio Lower Upper
105 100
71 1.8 5.0 7.4#
51 27.8 25.6 38.4
120 23.4 17.8 26.8

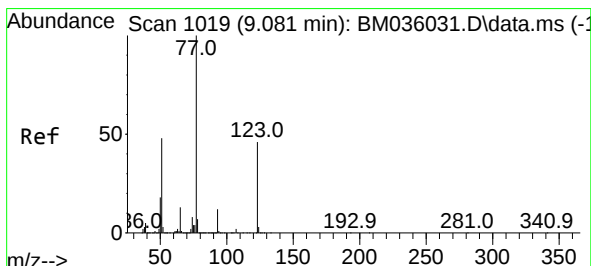
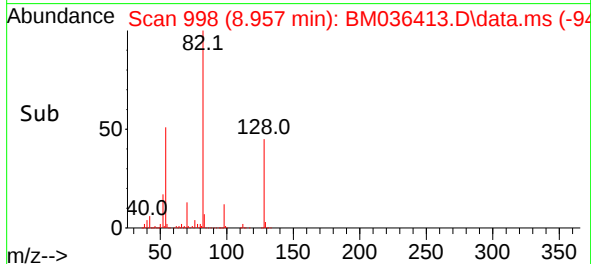
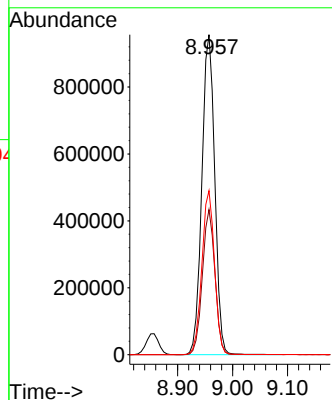
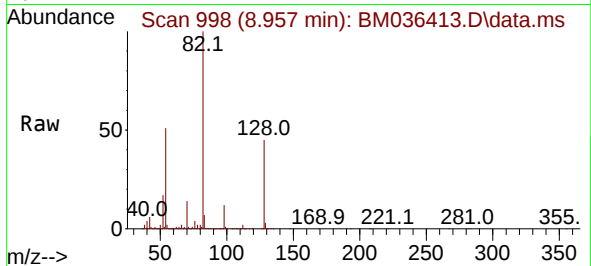




#23
Nitrobenzene-d5
Concen: 66.644 ng
RT: 8.957 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

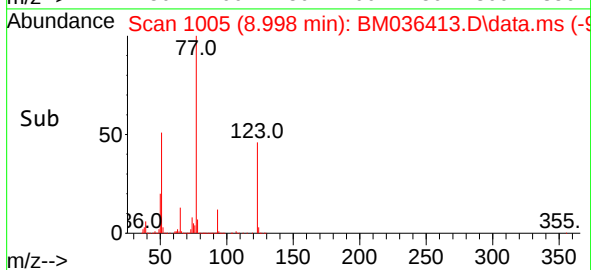
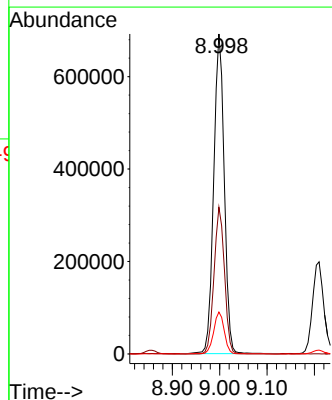
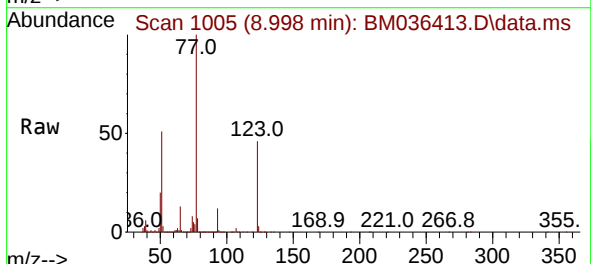
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

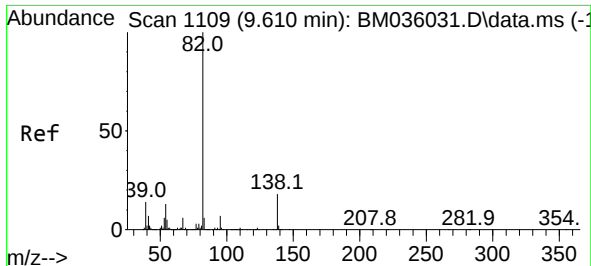
Tgt Ion: 82 Resp: 1557681
Ion Ratio Lower Upper
82 100
128 45.4 33.7 50.5
54 51.3 43.2 64.8



#24
Nitrobenzene
Concen: 48.779 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 77 Resp: 1071820
Ion Ratio Lower Upper
77 100
123 45.8 36.2 54.4
65 13.1 11.4 17.0

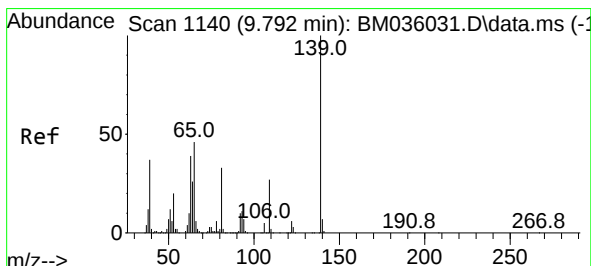
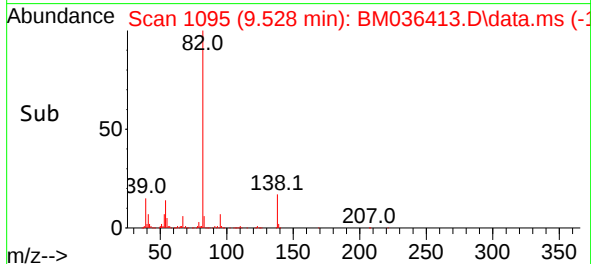
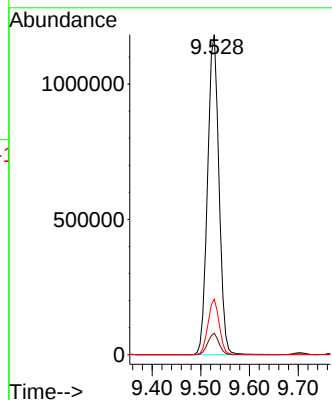
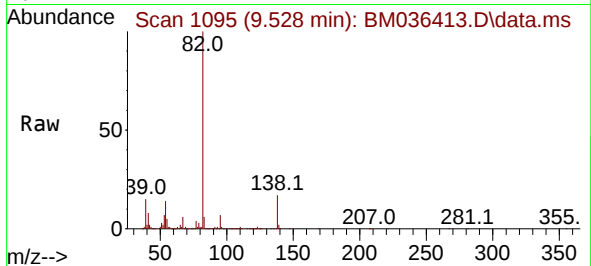




#25
Isophorone
Concen: 50.289 ng
RT: 9.528 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

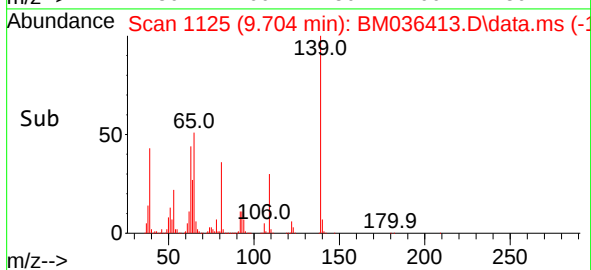
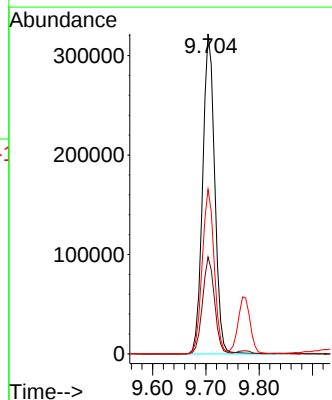
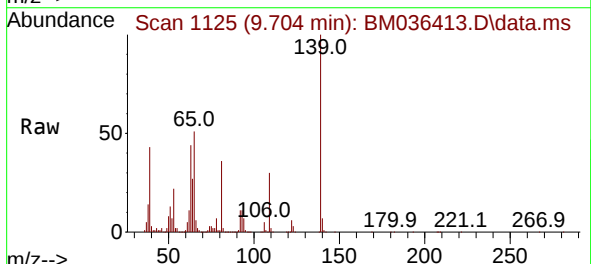
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

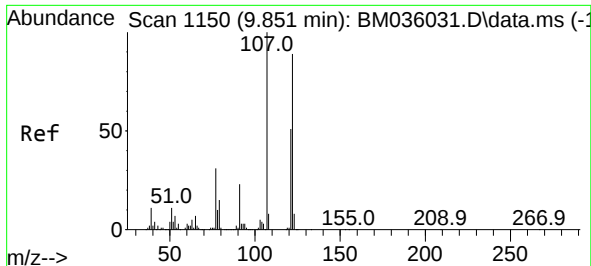
Tgt Ion: 82 Resp: 1912188
Ion Ratio Lower Upper
82 100
95 6.7 6.4 9.6
138 17.4 14.2 21.4



#26
2-Nitrophenol
Concen: 48.797 ng
RT: 9.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:139 Resp: 505728
Ion Ratio Lower Upper
139 100
109 30.3 25.6 38.4
65 51.4 43.2 64.8

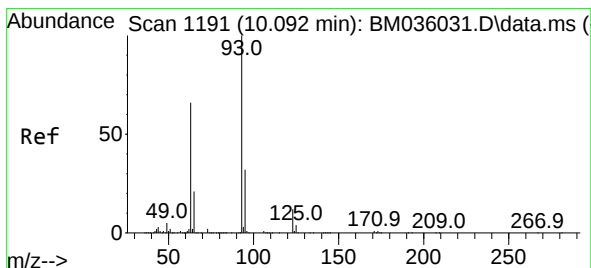
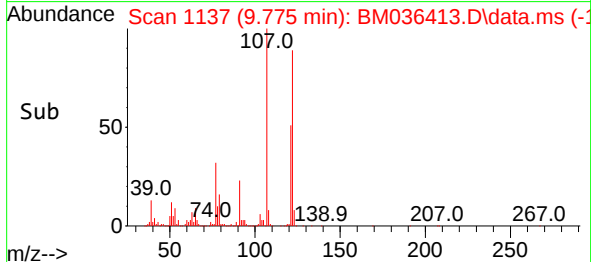
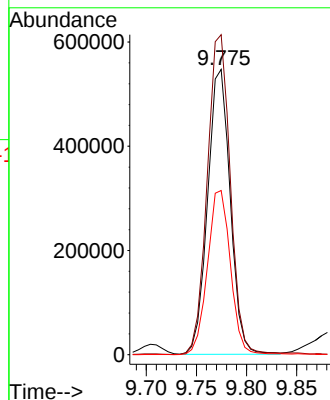
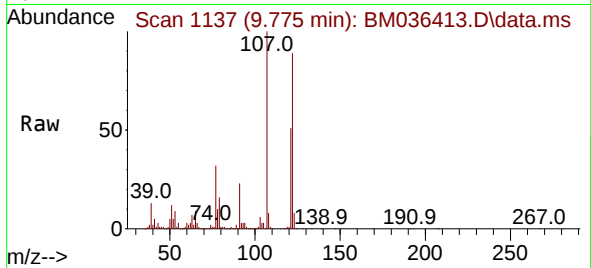




#27
2,4-Dimethylphenol
Concen: 53.524 ng
RT: 9.775 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

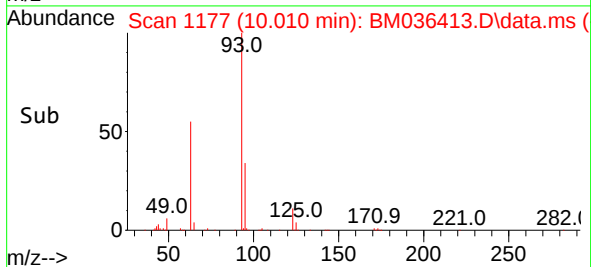
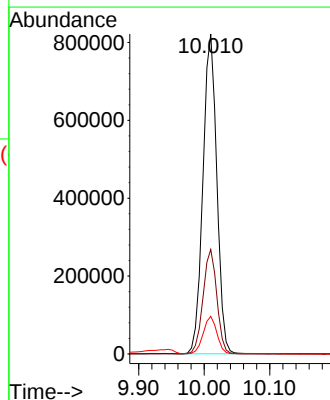
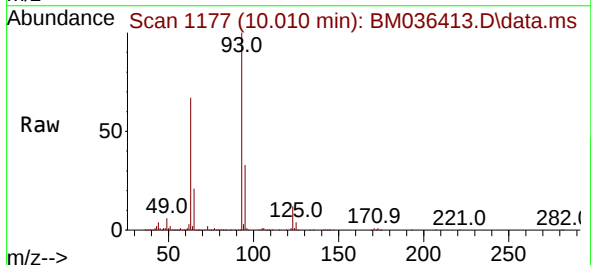
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

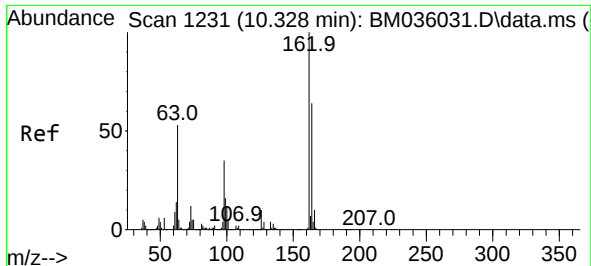
Tgt Ion:122 Resp: 859300
Ion Ratio Lower Upper
122 100
107 112.2 92.4 138.6
121 57.5 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.701 ng
RT: 10.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 93 Resp: 1210929
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.287 ng

RT: 10.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

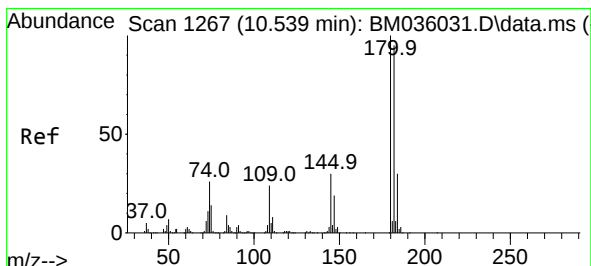
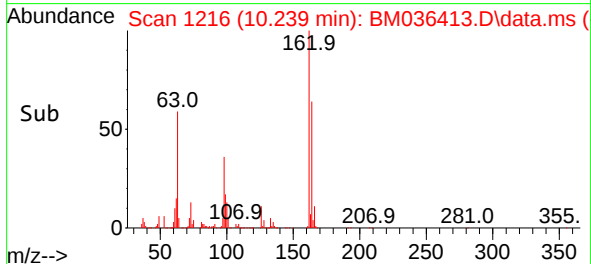
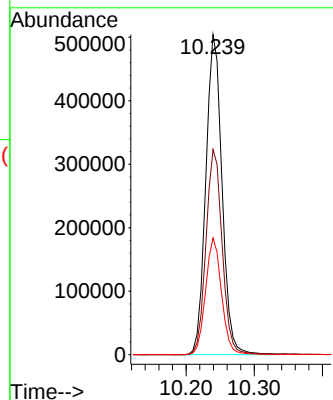
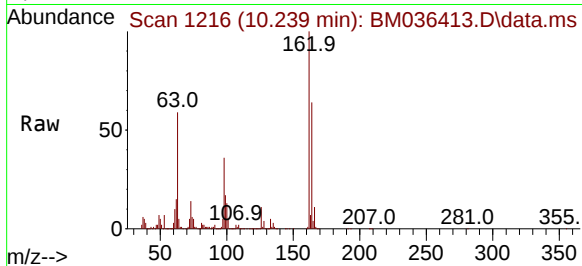
Tgt Ion:162 Resp: 835692

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

98 36.5 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 43.108 ng

RT: 10.445 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

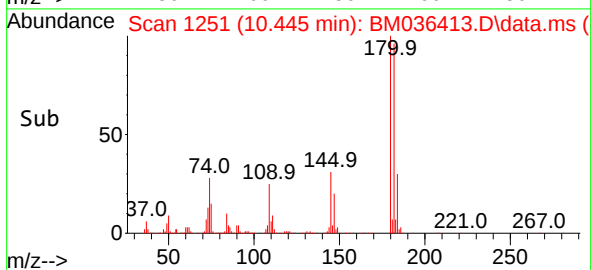
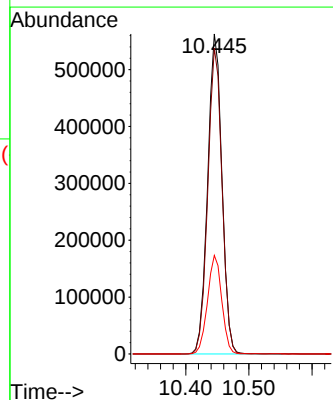
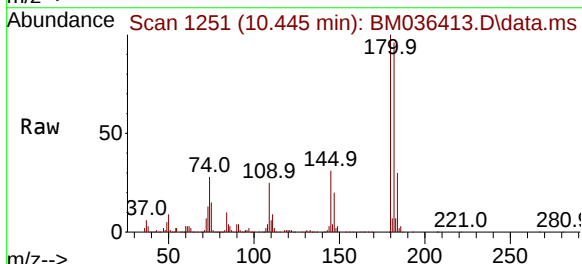
Tgt Ion:180 Resp: 881989

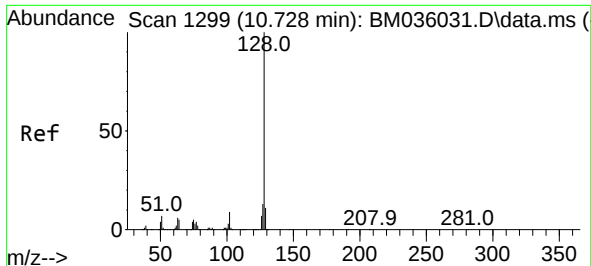
Ion Ratio Lower Upper

180 100

182 95.6 77.9 116.9

145 30.8 25.0 37.6

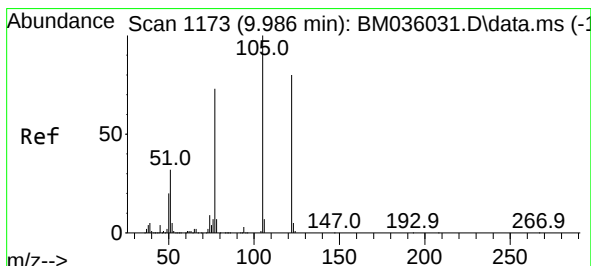
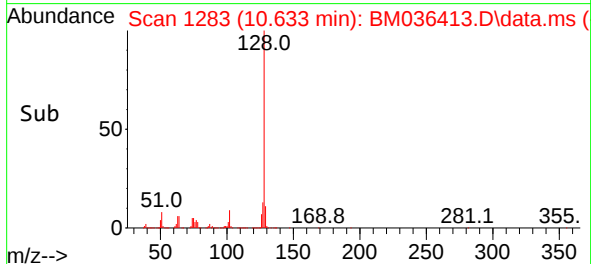
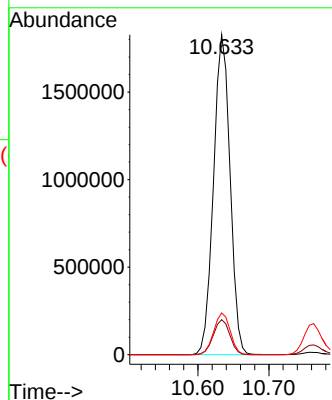
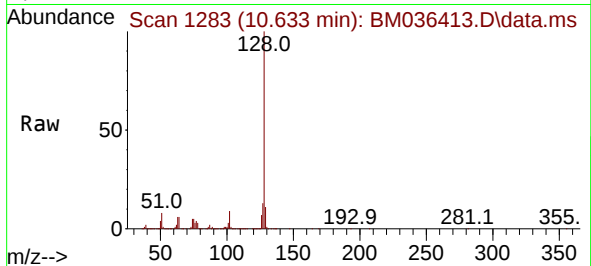




#31
Naphthalene
Concen: 45.382 ng
RT: 10.633 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

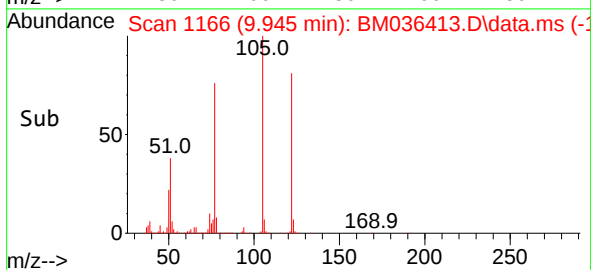
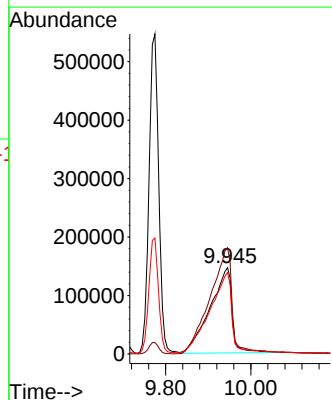
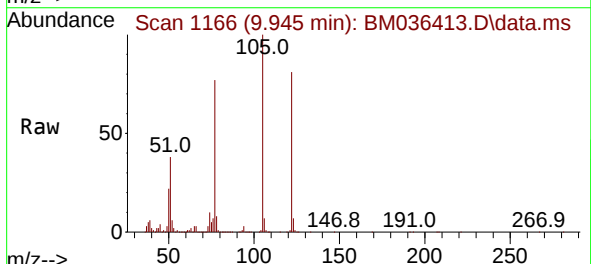
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

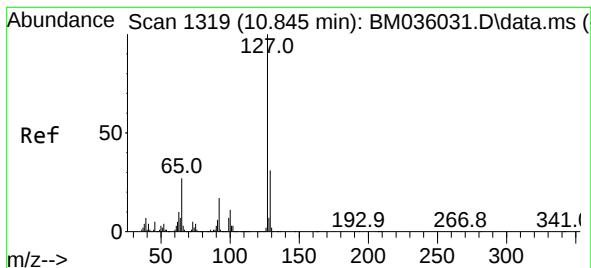
Tgt Ion:128 Resp: 2952046
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 41.245 ng
RT: 9.945 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:122 Resp: 524904
Ion Ratio Lower Upper
122 100
105 123.1 105.7 145.7
77 94.1 80.0 120.0





#33

4-Chloroaniline

Concen: 12.812 ng

RT: 10.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

Tgt Ion:127 Resp: 335867

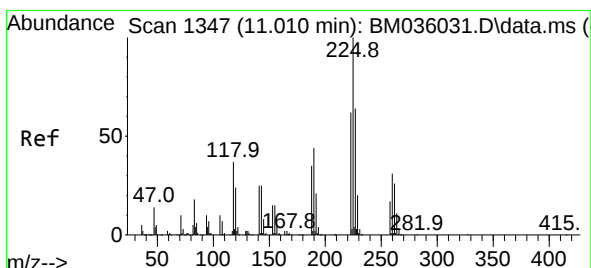
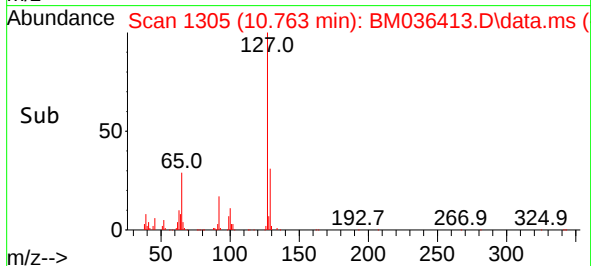
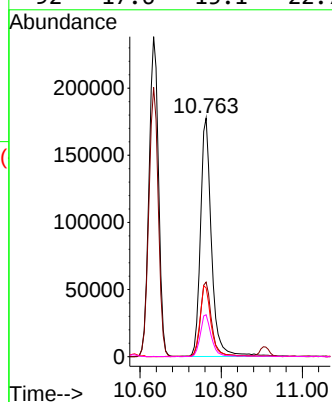
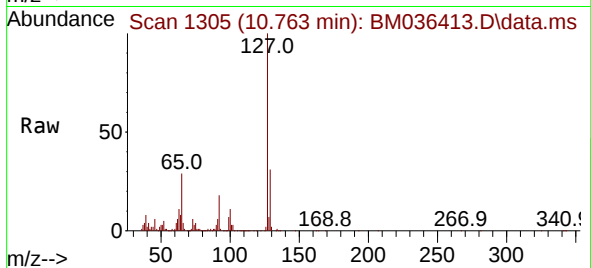
Ion Ratio Lower Upper

127 100

129 31.3 25.7 38.5

65 28.8 26.6 40.0

92 17.6 15.1 22.7



#34

Hexachlorobutadiene

Concen: 43.970 ng

RT: 10.910 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

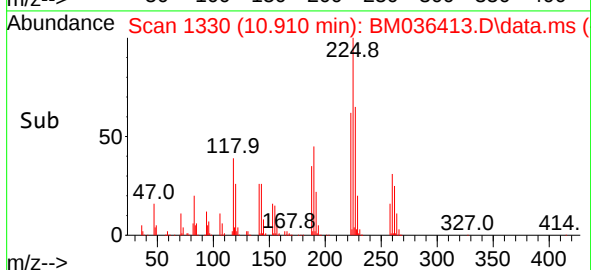
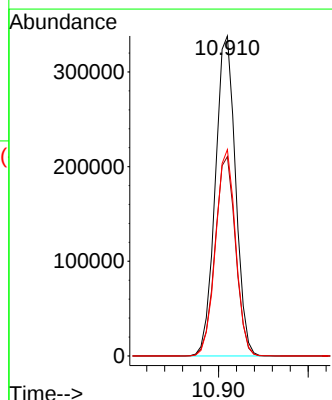
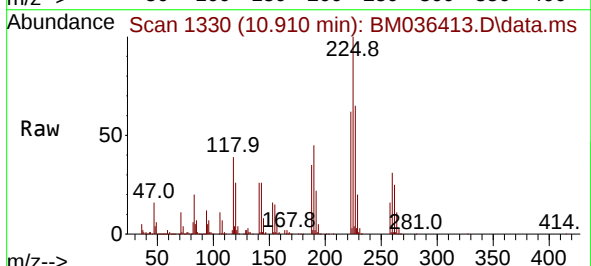
Tgt Ion:225 Resp: 528638

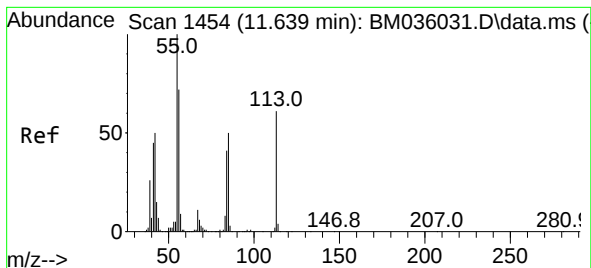
Ion Ratio Lower Upper

225 100

223 62.3 50.8 76.2

227 64.5 52.7 79.1

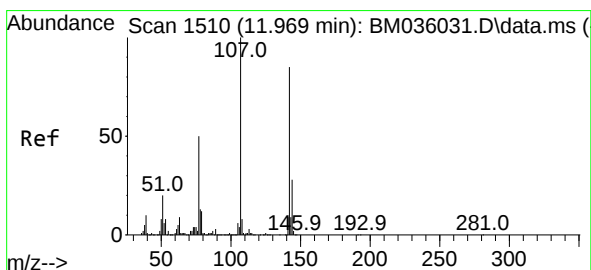
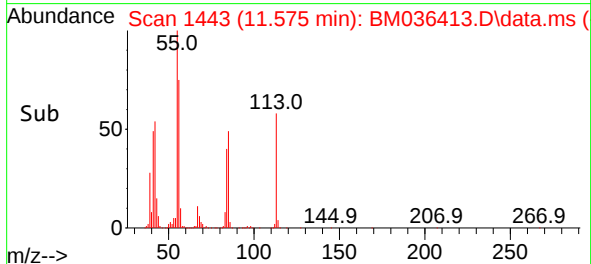
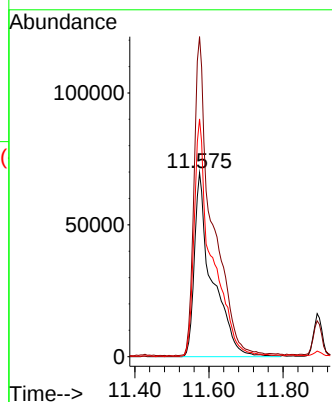
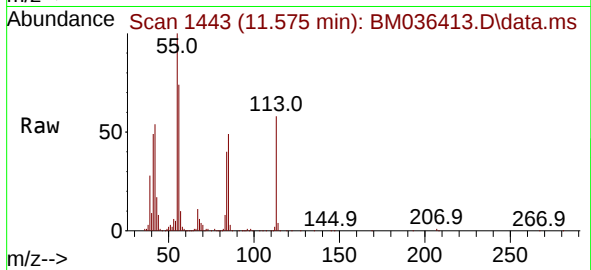




#35
Caprolactam
Concen: 41.426 ng
RT: 11.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

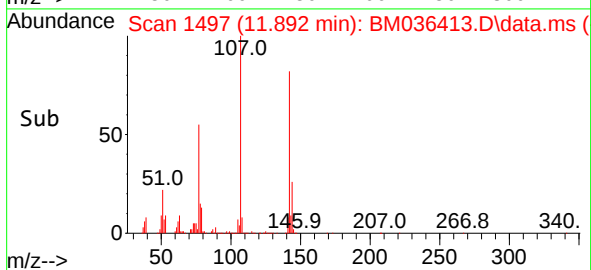
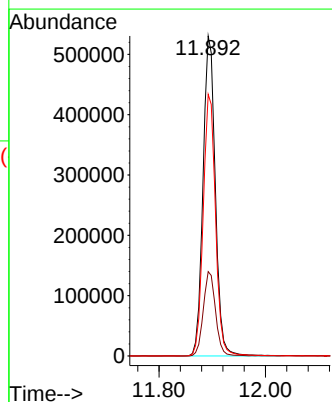
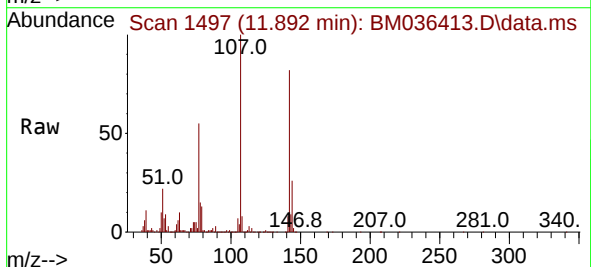
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

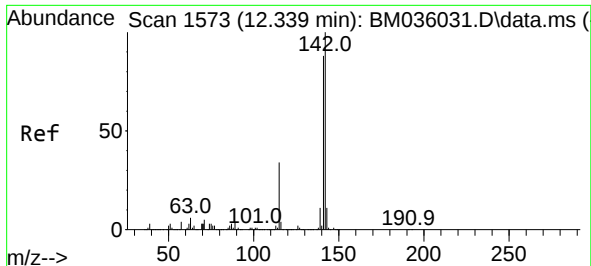
Tgt Ion:113 Resp: 230375
Ion Ratio Lower Upper
113 100
55 173.9 150.1 190.1
56 129.2 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 44.779 ng
RT: 11.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:107 Resp: 849774
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.0
142 81.8 66.7 100.1





#37

2-Methylnaphthalene

Concen: 45.322 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

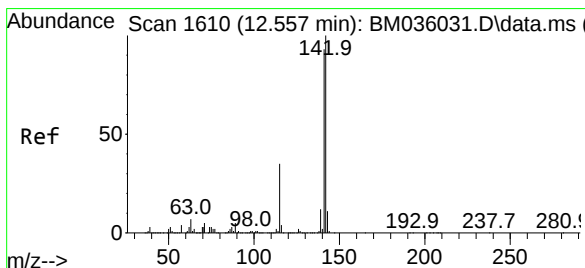
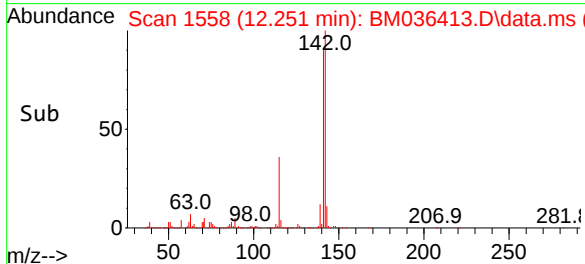
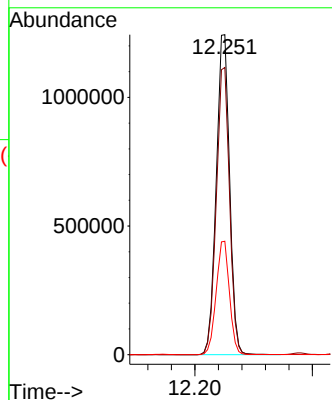
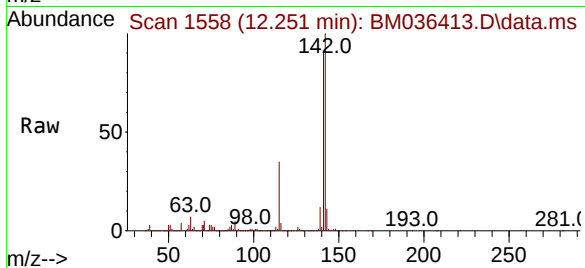
Tgt Ion:142 Resp: 1961826

Ion Ratio Lower Upper

142 100

141 89.7 72.4 108.6

115 35.5 29.6 44.4



#38

1-Methylnaphthalene

Concen: 43.969 ng

RT: 12.469 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

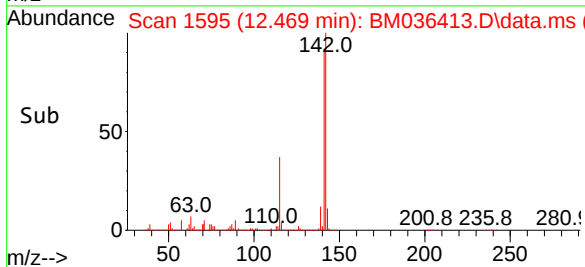
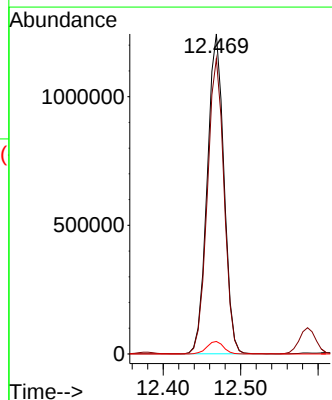
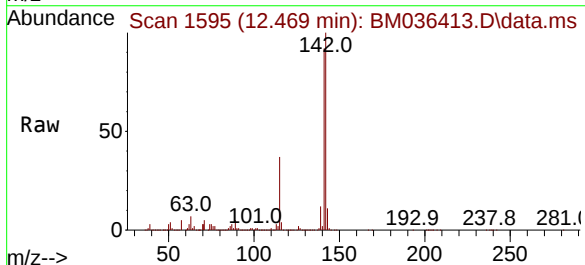
Tgt Ion:142 Resp: 1863855

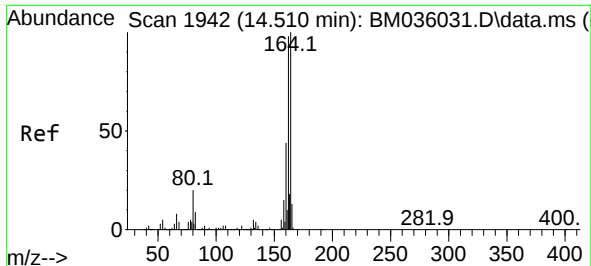
Ion Ratio Lower Upper

142 100

141 92.3 75.0 112.4

116 3.9 3.4 5.2

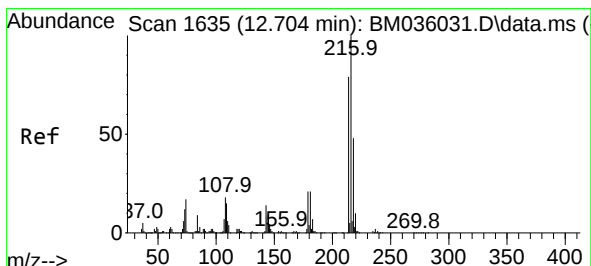
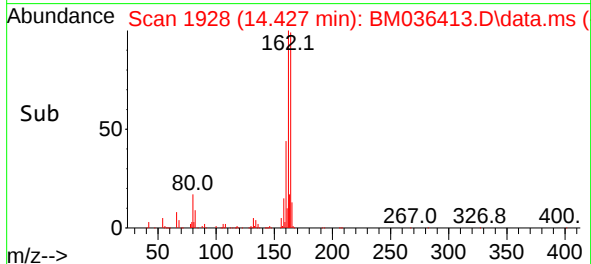
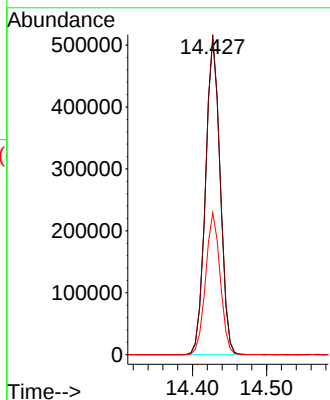
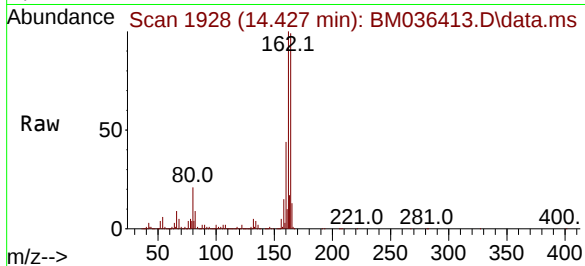




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

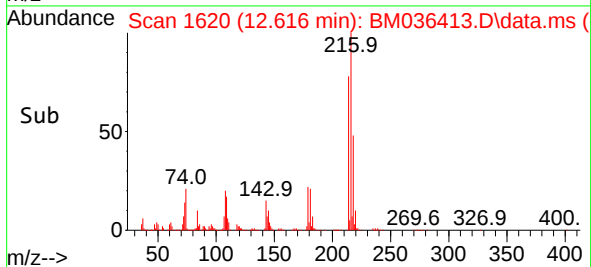
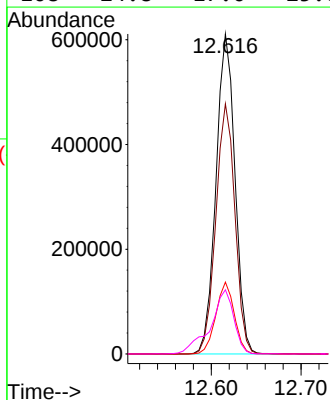
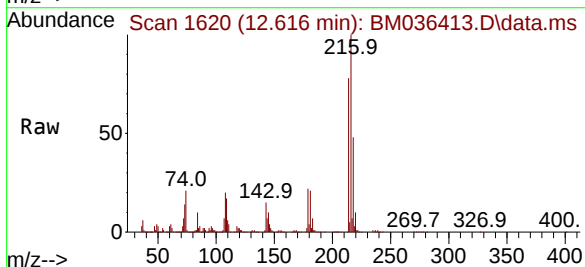
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

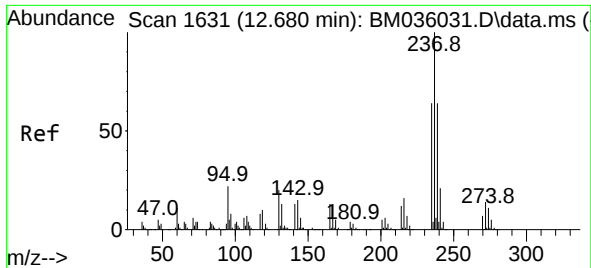
Tgt Ion:164 Resp: 699298
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 44.9 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.372 ng
RT: 12.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:216 Resp: 898112
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 21.9 18.2 27.2
108 24.8 17.0 25.6

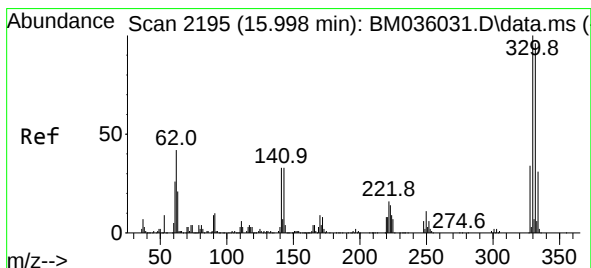
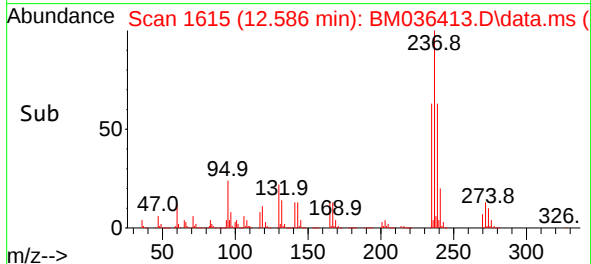
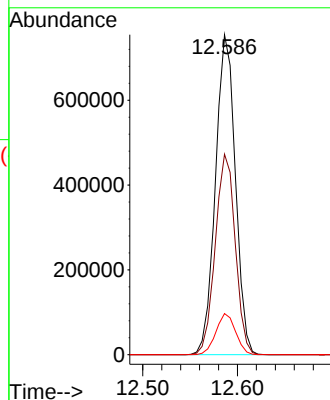
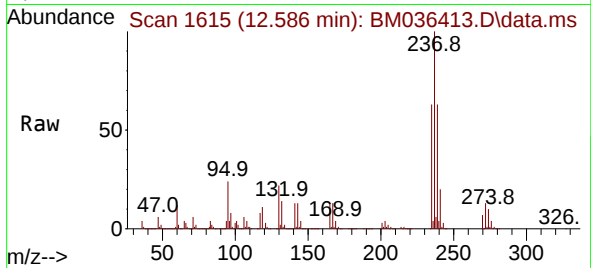




#41
Hexachlorocyclopentadiene
Concen: 109.706 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

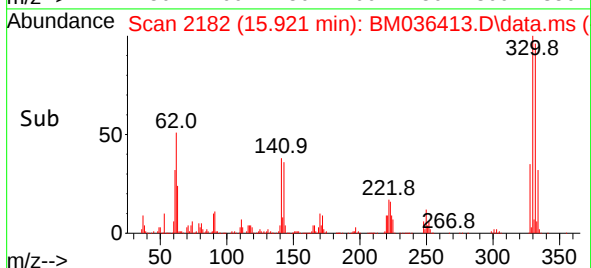
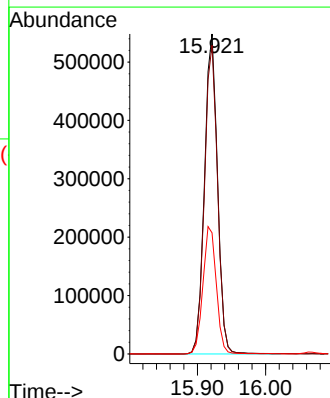
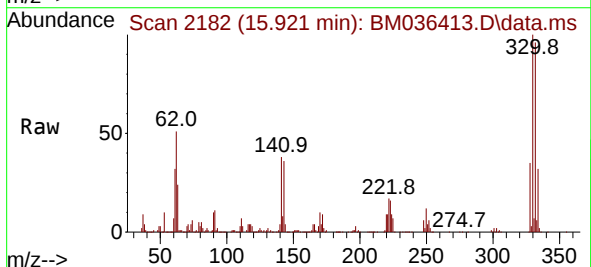
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

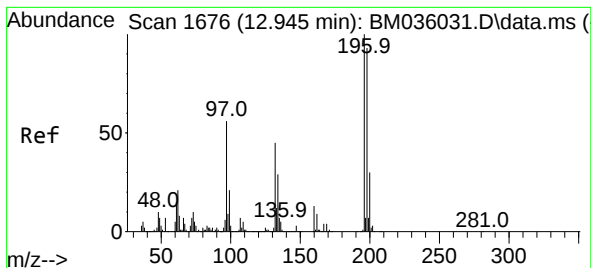
Tgt Ion:237 Resp: 1101563
Ion Ratio Lower Upper
237 100
235 62.7 43.8 83.8
272 12.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 88.985 ng
RT: 15.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:330 Resp: 730008
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 40.8 35.3 52.9





#43

2,4,6-Trichlorophenol

Concen: 46.907 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

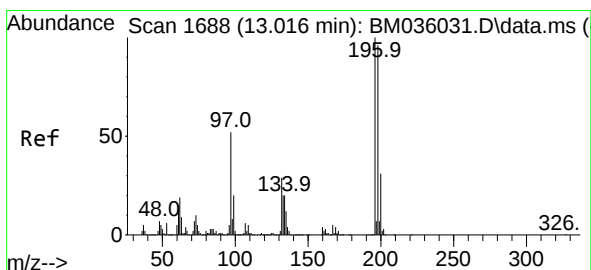
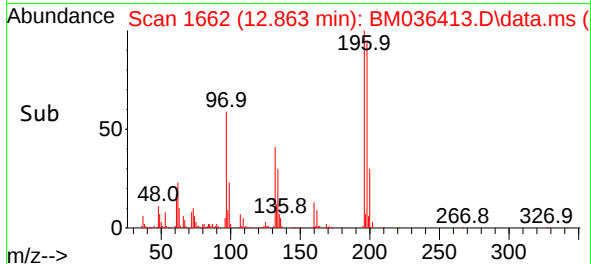
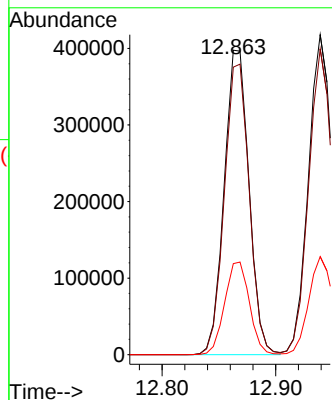
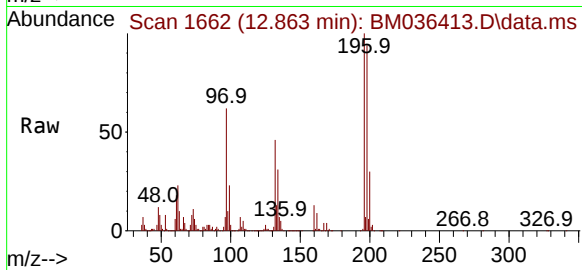
Tgt Ion:196 Resp: 605125

Ion Ratio Lower Upper

196 100

198 94.4 75.8 113.6

200 29.9 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 46.921 ng

RT: 12.939 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Tgt Ion:196 Resp: 638982

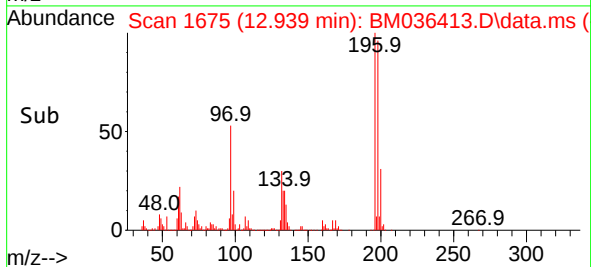
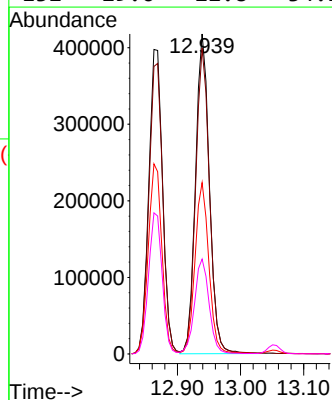
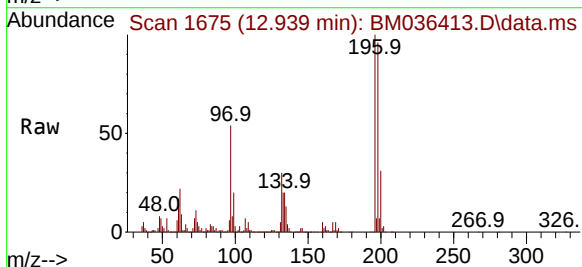
Ion Ratio Lower Upper

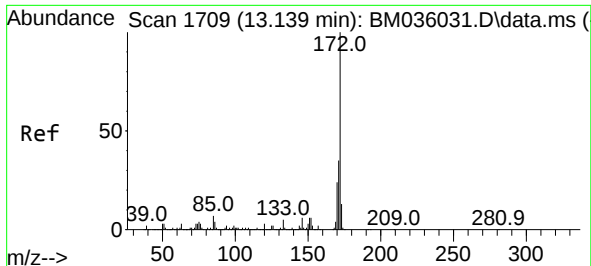
196 100

198 95.6 77.8 116.6

97 53.6 43.4 65.2

132 29.6 22.8 34.2

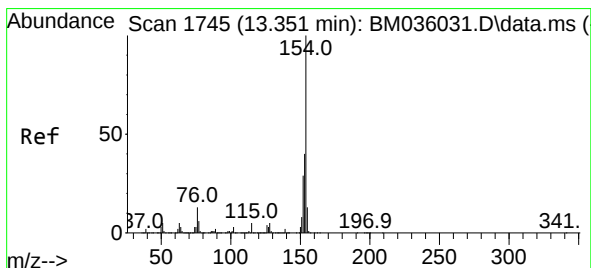
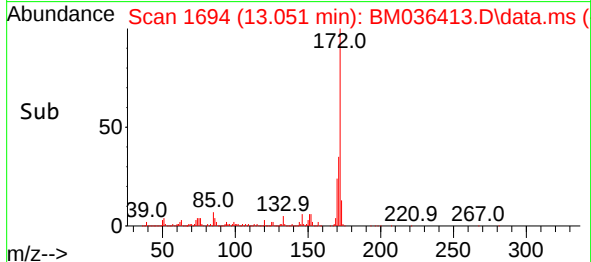
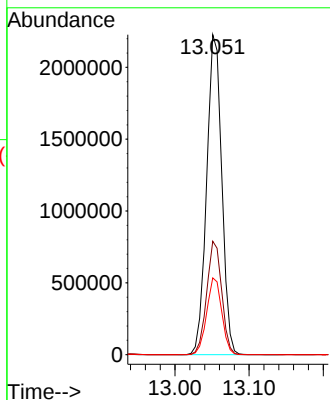
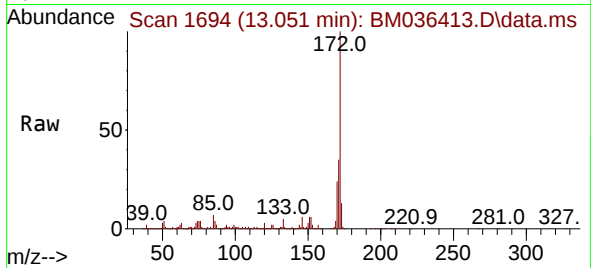




#45
2-Fluorobiphenyl
Concen: 66.599 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

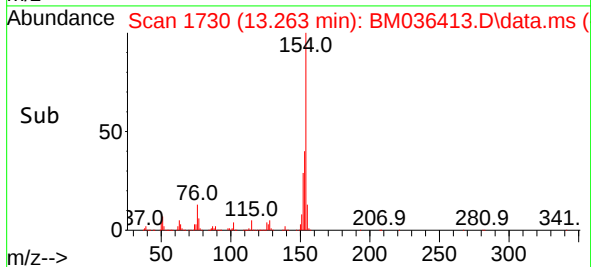
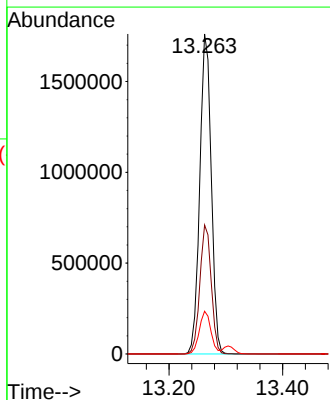
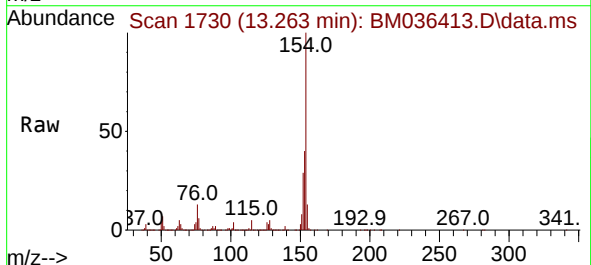
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

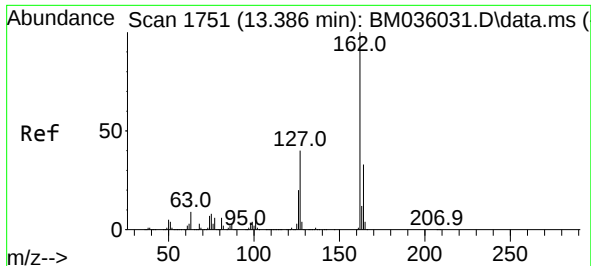
Tgt Ion:172 Resp: 3154320
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.339 ng
RT: 13.263 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:154 Resp: 2463517
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 13.4 0.0 31.8

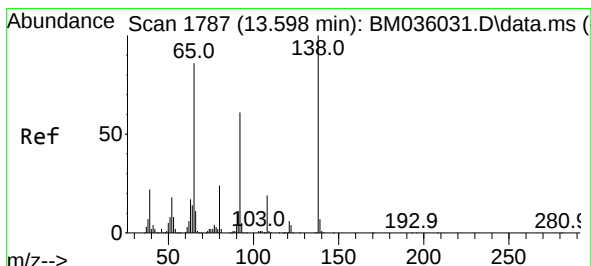
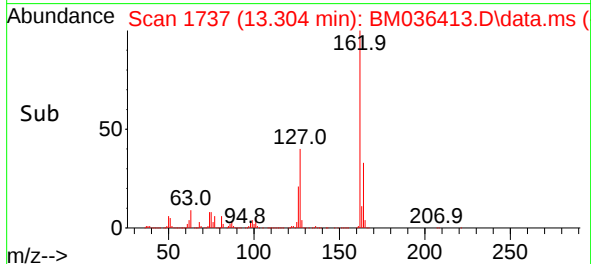
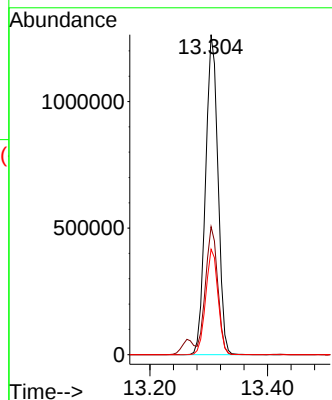
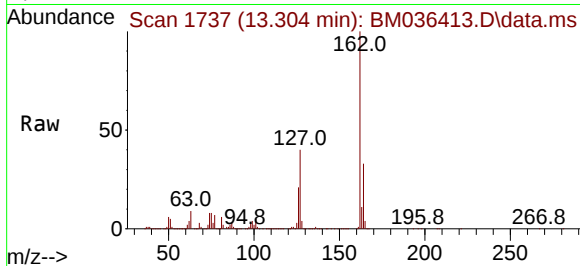




#47
2-Chloronaphthalene
Concen: 47.408 ng
RT: 13.304 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

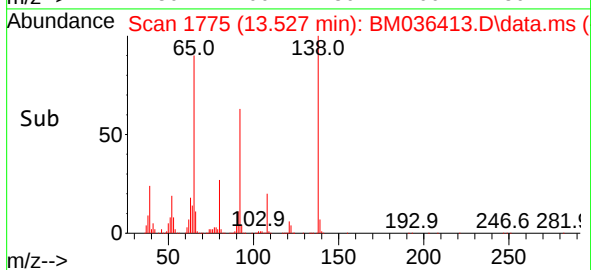
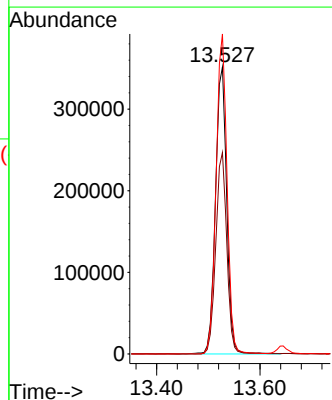
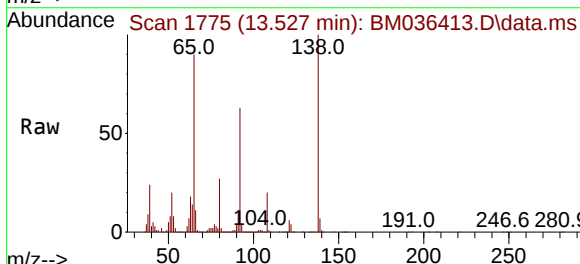
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

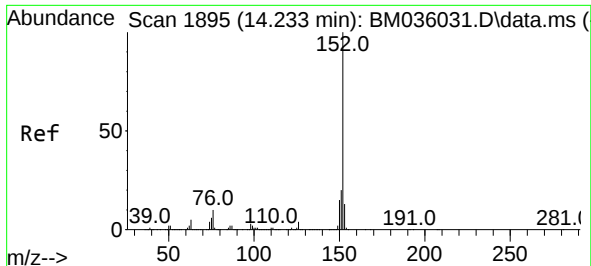
Tgt Ion:162 Resp: 1849160
Ion Ratio Lower Upper
162 100
127 40.0 30.6 45.8
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 49.866 ng
RT: 13.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion: 65 Resp: 530059
Ion Ratio Lower Upper
65 100
92 70.2 53.7 80.5
138 111.5 83.9 125.9

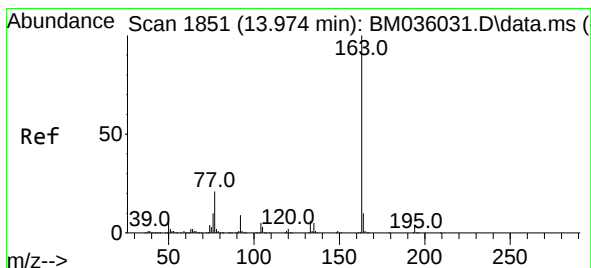
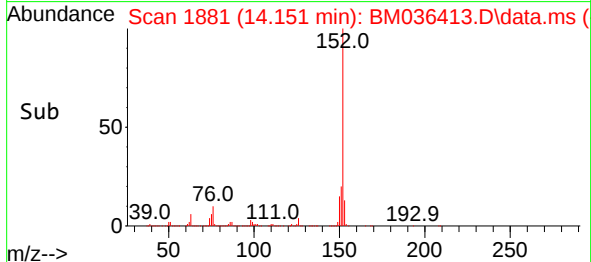
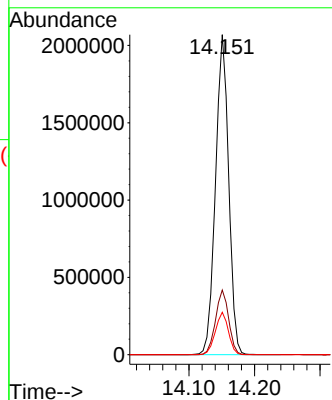
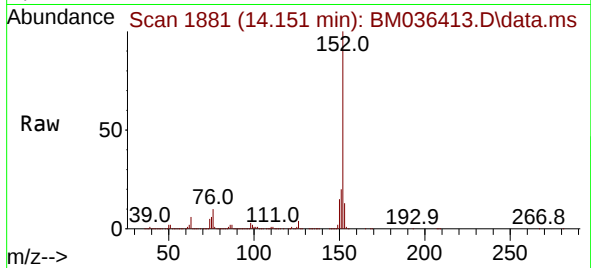




#49
Acenaphthylene
Concen: 47.702 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

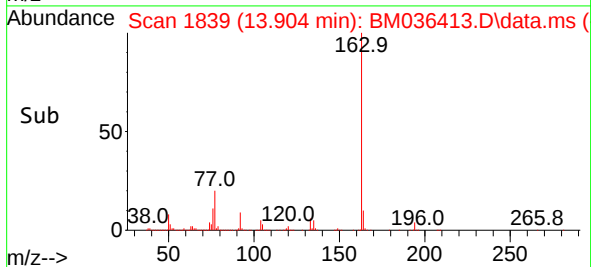
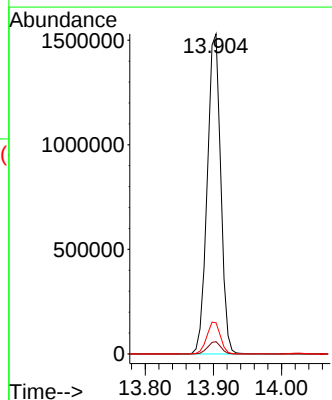
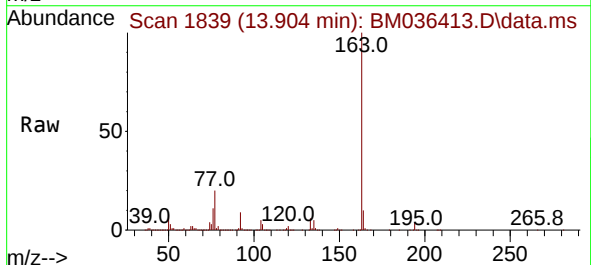
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

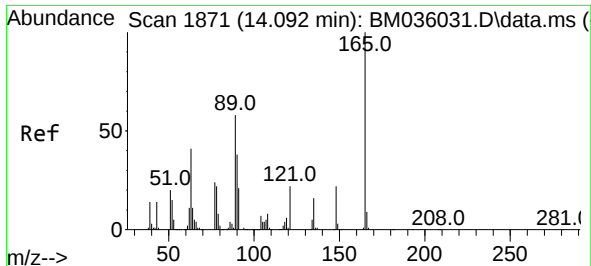
Tgt Ion:152 Resp: 2876128
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 44.189 ng
RT: 13.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:163 Resp: 2101430
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.4 12.6

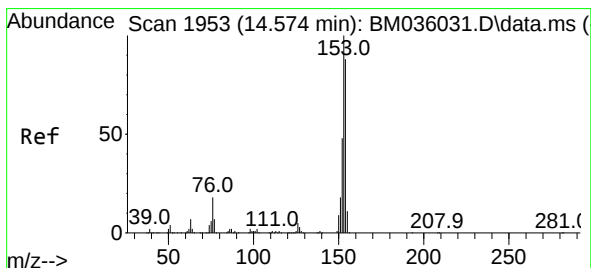
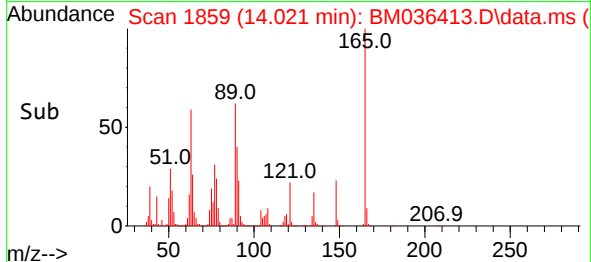
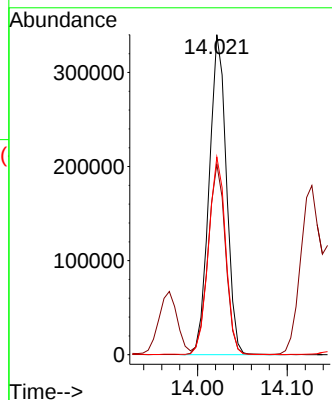
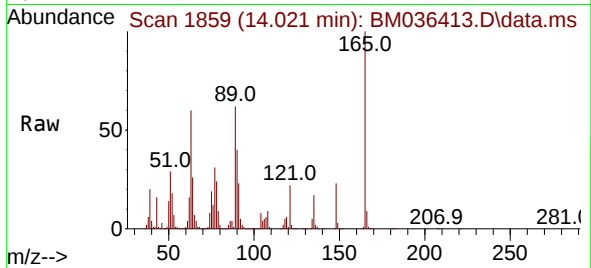




#51
2,6-Dinitrotoluene
Concen: 47.439 ng
RT: 14.021 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

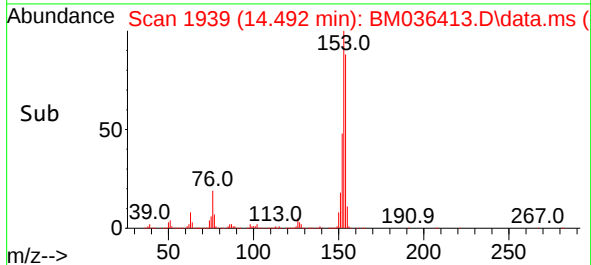
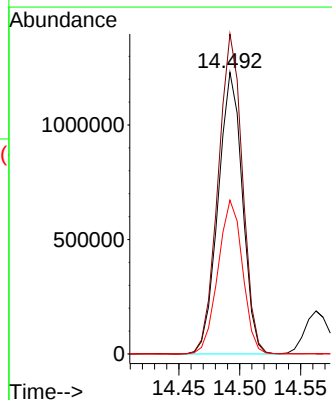
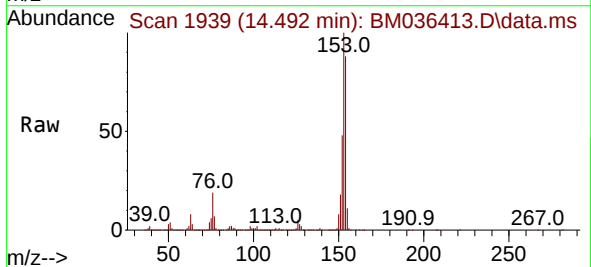
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

Tgt Ion:165 Resp: 452633
Ion Ratio Lower Upper
165 100
63 59.5 50.2 75.2
89 61.7 48.4 72.6



#52
Acenaphthene
Concen: 43.355 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:154 Resp: 1709948
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.6
152 54.6 43.4 65.2

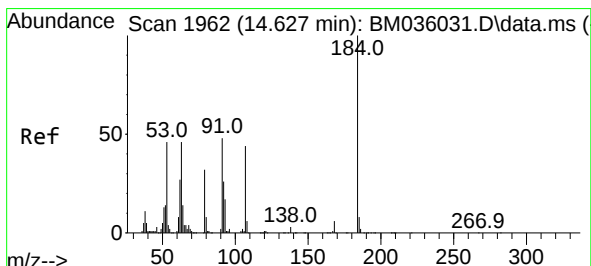
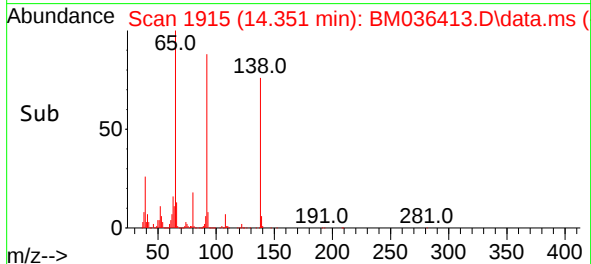
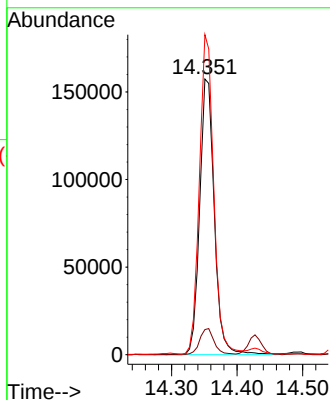
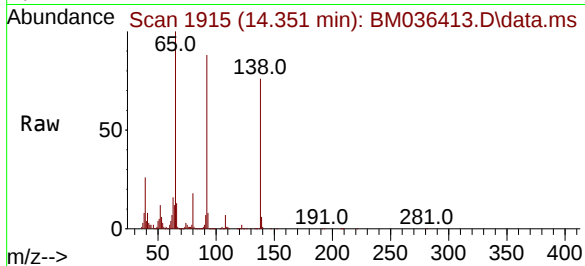




#53
3-Nitroaniline
Concen: 21.976 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

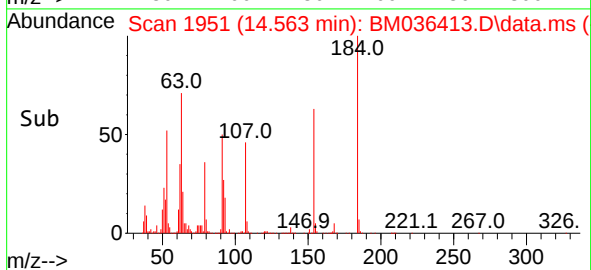
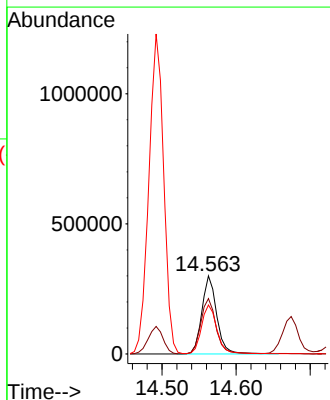
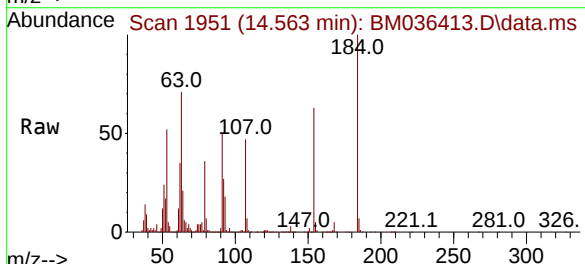
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

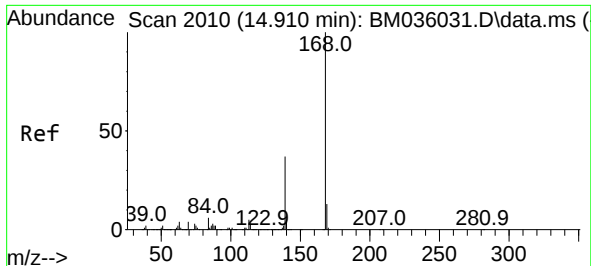
Tgt Ion:138 Resp: 244642
Ion Ratio Lower Upper
138 100
108 9.1 8.7 13.1
92 116.1 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 82.850 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:184 Resp: 418318
Ion Ratio Lower Upper
184 100
63 70.7 59.5 89.3
154 62.7 55.6 83.4

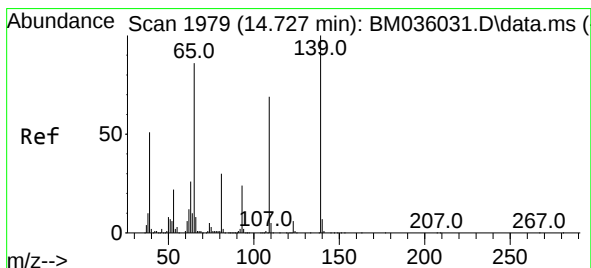
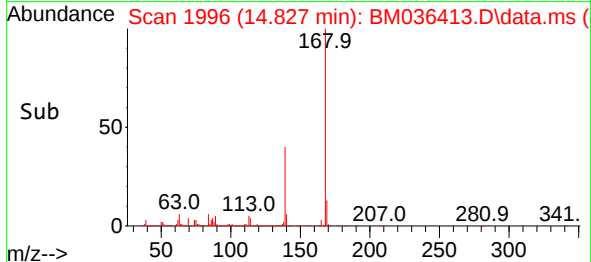
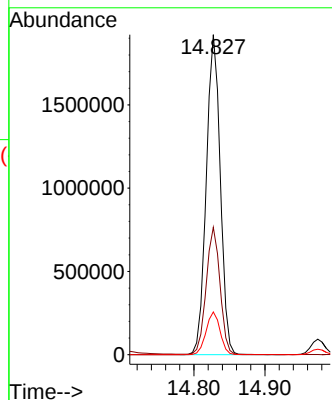
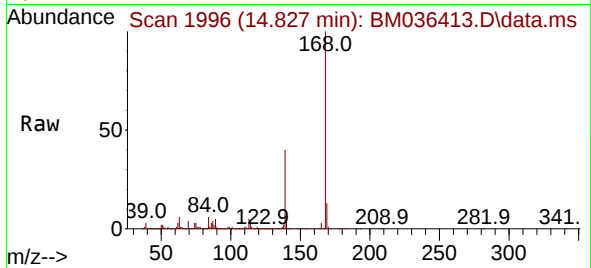




#55
Dibenzenofuran
Concen: 44.675 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

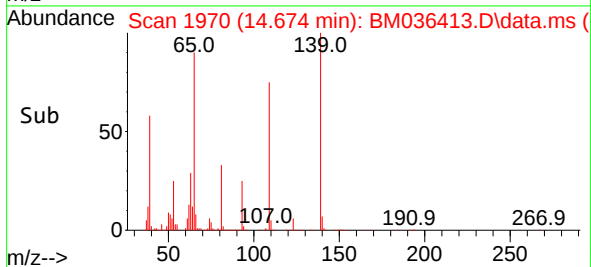
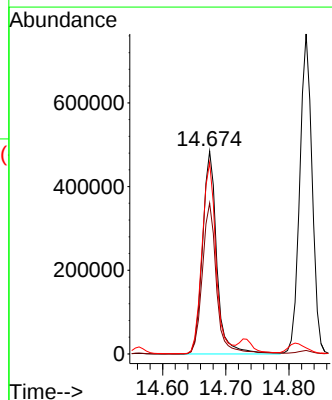
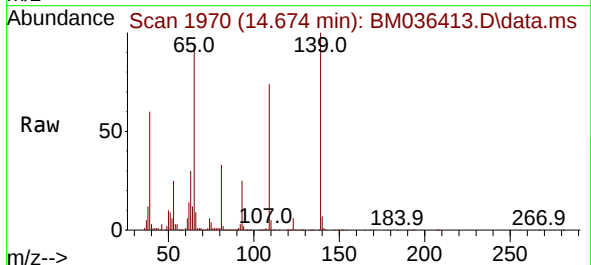
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

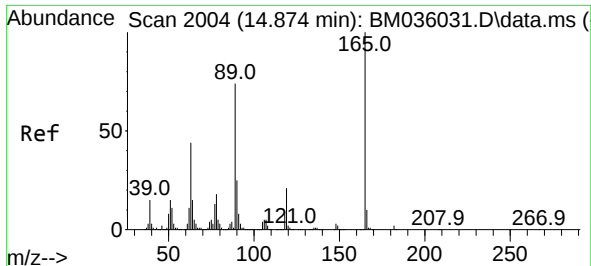
Tgt Ion:168 Resp: 2638636
Ion Ratio Lower Upper
168 100
139 39.8 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 85.159 ng
RT: 14.674 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:139 Resp: 758638
Ion Ratio Lower Upper
139 100
109 74.5 62.5 102.5
65 94.5 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 47.156 ng

RT: 14.810 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM036413.D

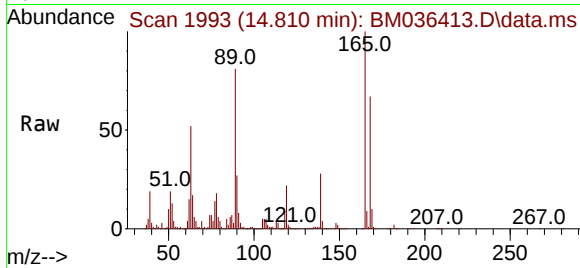
Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD



Tgt Ion:165 Resp: 589746

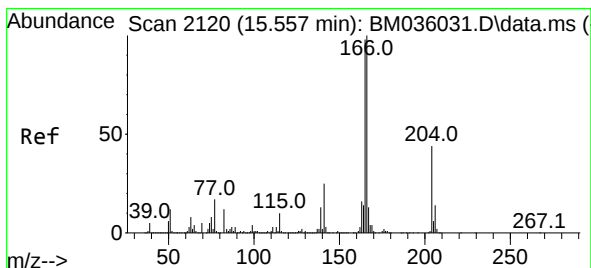
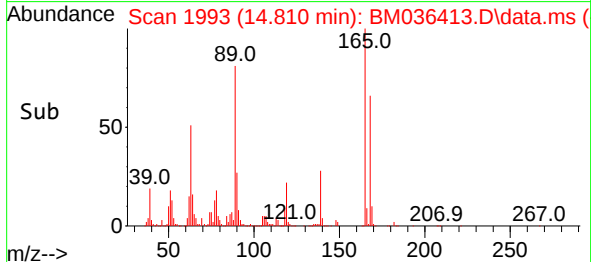
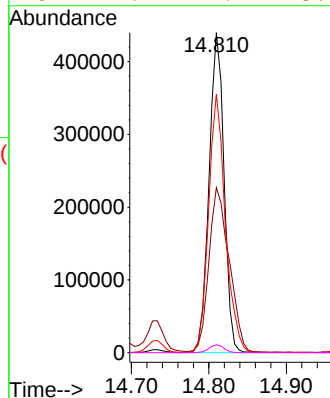
Ion Ratio Lower Upper

165 100

63 51.5 35.6 53.4

89 80.8 57.3 85.9

182 2.4 2.1 3.1



#58

Fluorene

Concen: 45.267 ng

RT: 15.474 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

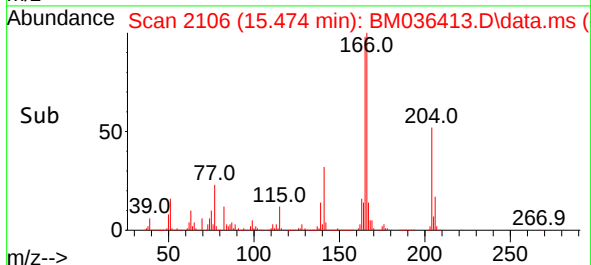
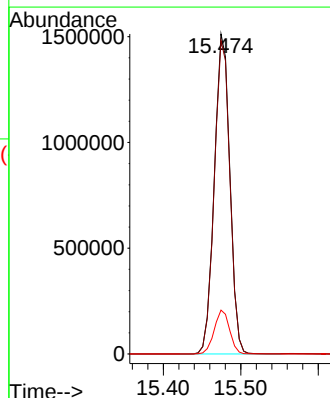
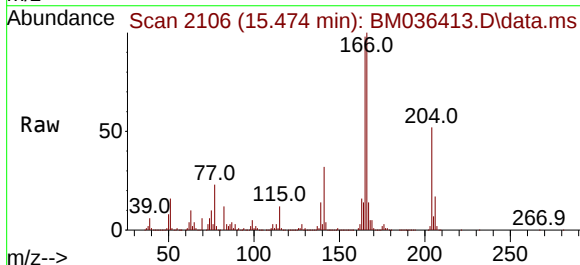
Tgt Ion:166 Resp: 2108955

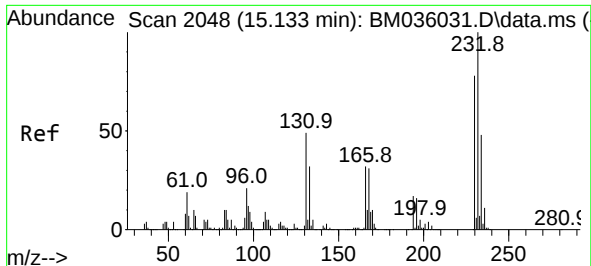
Ion Ratio Lower Upper

166 100

165 97.9 79.4 119.2

167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.028 ng

RT: 15.057 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BM036413.D

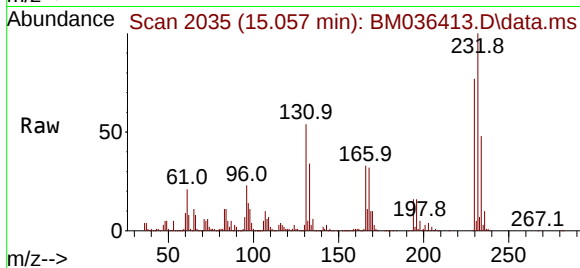
Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD



Tgt Ion:232 Resp: 484828

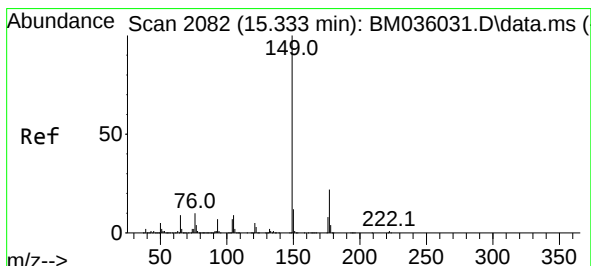
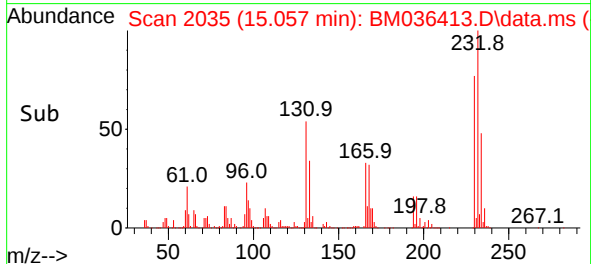
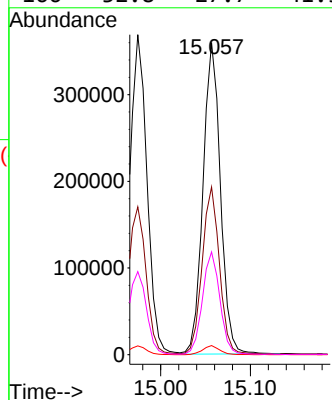
Ion Ratio Lower Upper

232 100

131 53.7 41.0 61.6

130 2.8 2.3 3.5

166 32.8 27.7 41.5



#60

Diethylphthalate

Concen: 43.162 ng

RT: 15.257 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

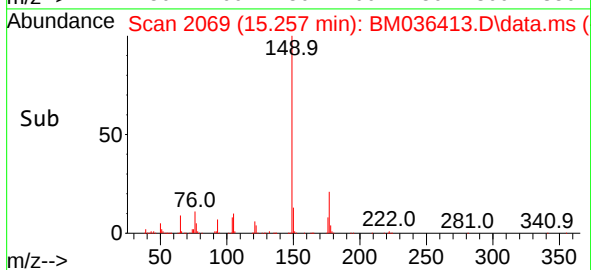
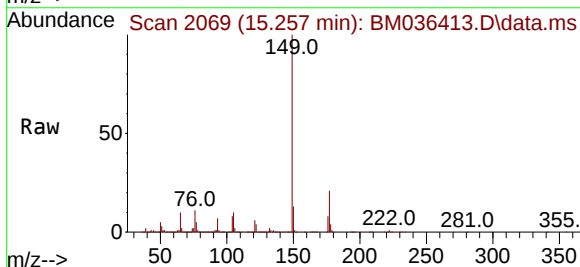
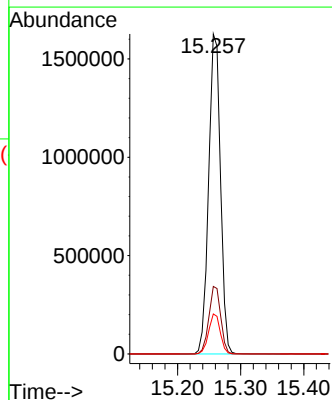
Tgt Ion:149 Resp: 2109338

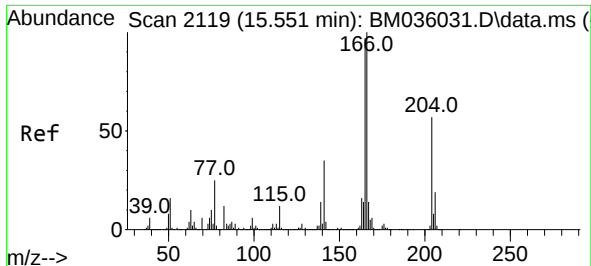
Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

150 12.5 10.1 15.1

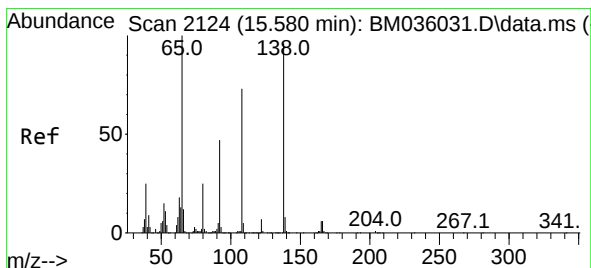
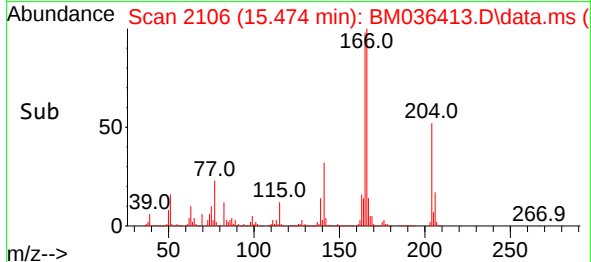
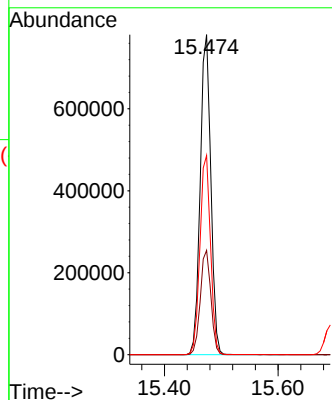
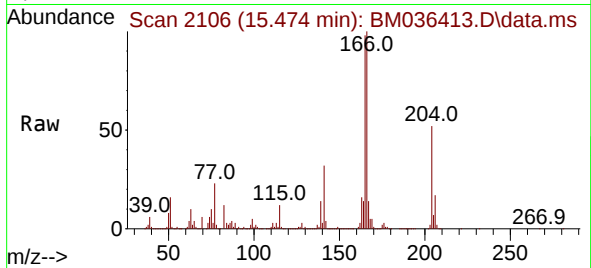




#61
4-Chlorophenyl-phenylether
Concen: 43.567 ng
RT: 15.474 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

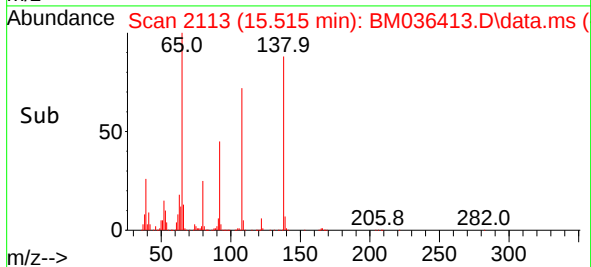
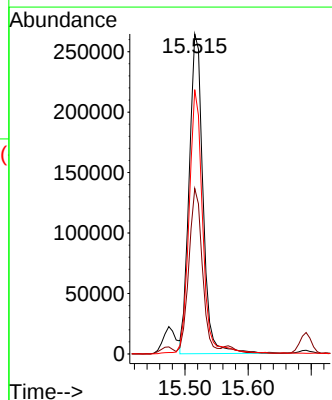
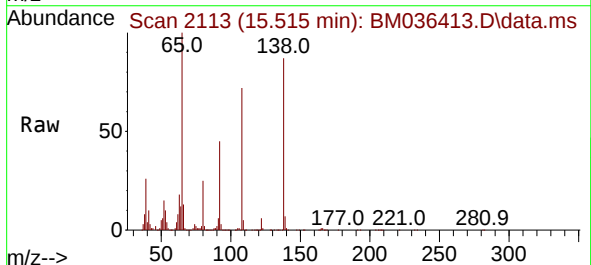
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

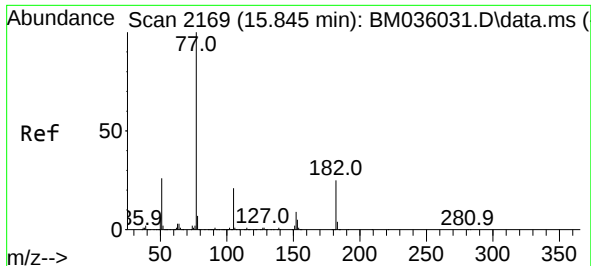
Tgt Ion:204 Resp: 1012124
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.3 51.2 76.8



#62
4-Nitroaniline
Concen: 35.150 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:138 Resp: 402550
Ion Ratio Lower Upper
138 100
92 51.7 30.8 70.8
108 82.6 65.7 105.7



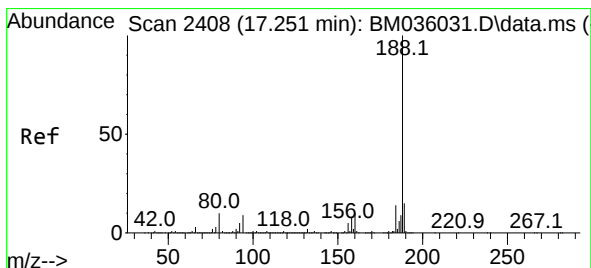
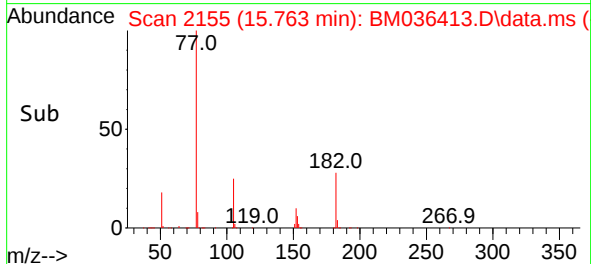
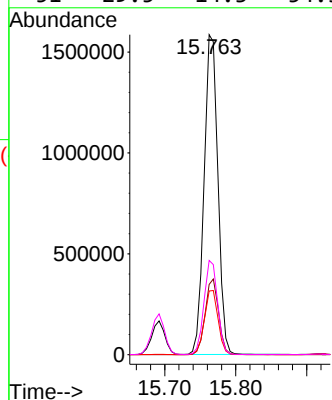
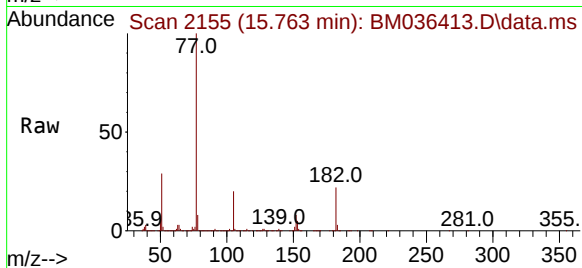


#63
Azobenzene
Concen: 46.086 ng
RT: 15.763 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

Tgt Ion: 77 Resp: 2141079

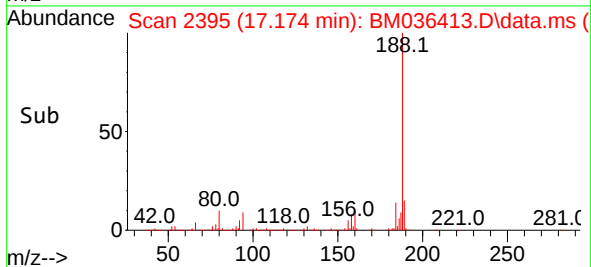
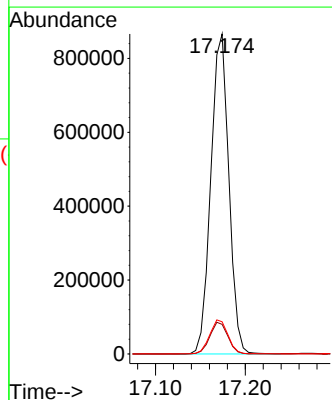
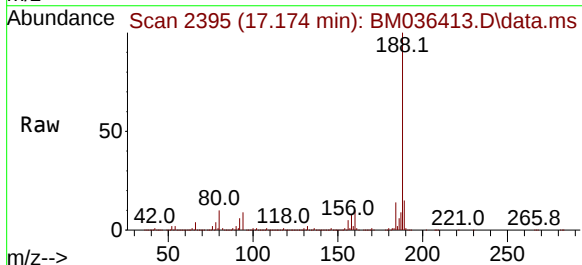
Ion	Ratio	Lower	Upper
77	100		
182	21.9	4.9	44.9
105	19.9	0.0	39.6
51	29.5	14.3	54.3

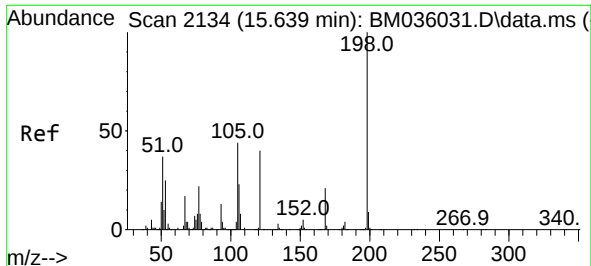


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:188 Resp: 1206836

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.1	7.6	11.4

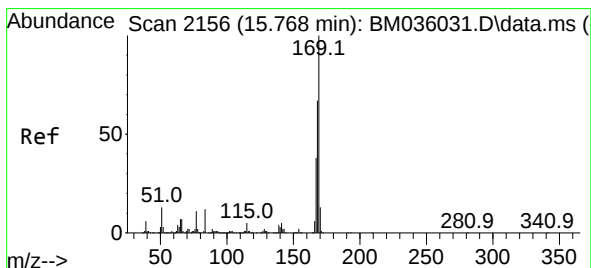
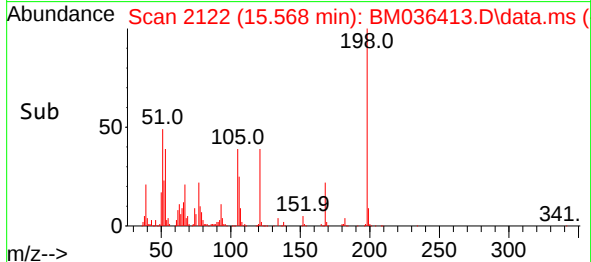
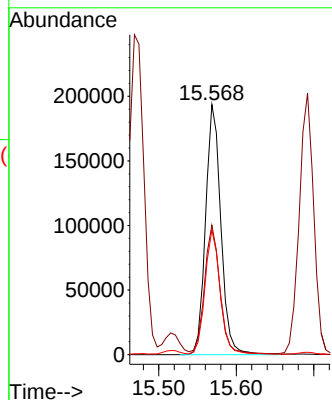
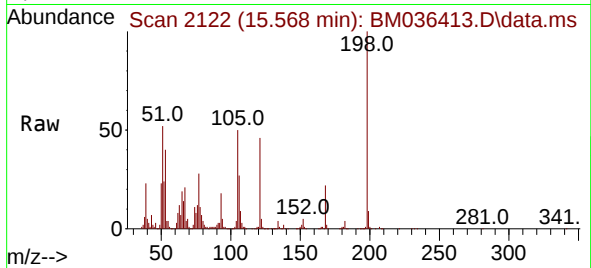




#65
4,6-Dinitro-2-methylphenol
Concen: 43.022 ng
RT: 15.568 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

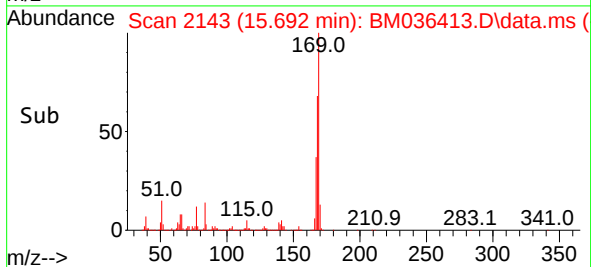
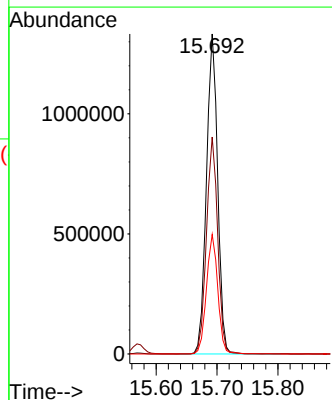
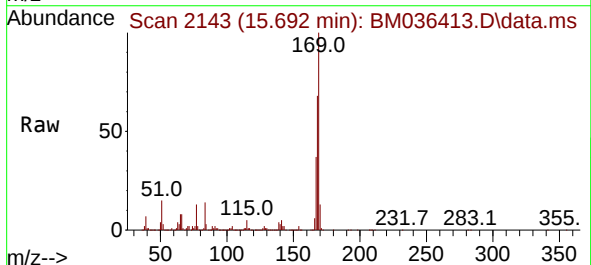
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

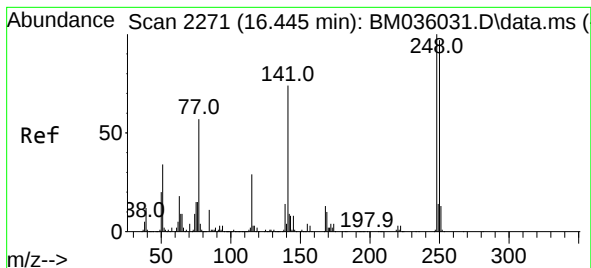
Tgt Ion:198 Resp: 265476
Ion Ratio Lower Upper
198 100
51 51.8 29.0 69.0
105 49.9 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 50.081 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:169 Resp: 1706209
Ion Ratio Lower Upper
169 100
168 67.8 54.3 81.5
167 37.4 29.4 44.0

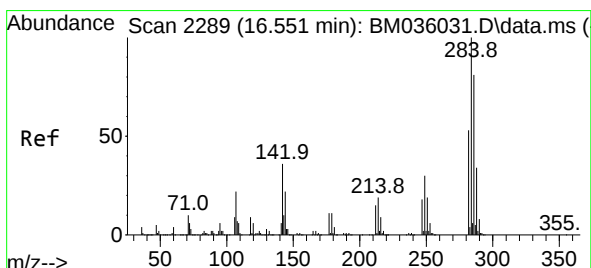
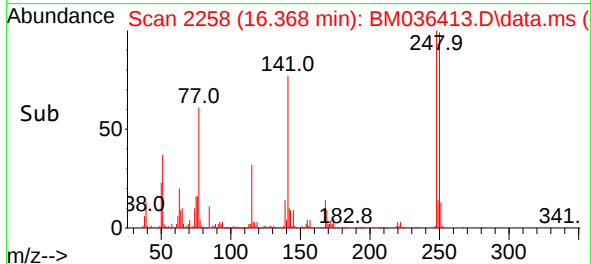
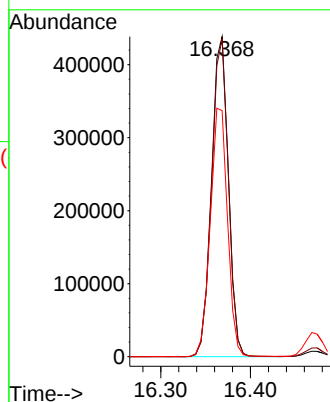
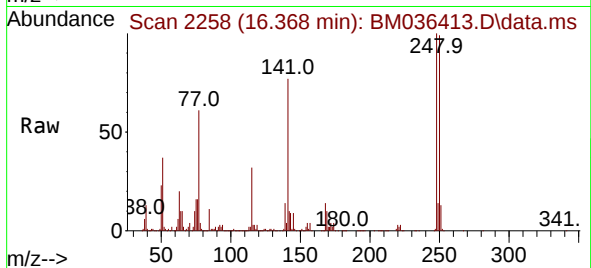




#67
4-Bromophenyl-phenylether
Concen: 47.564 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

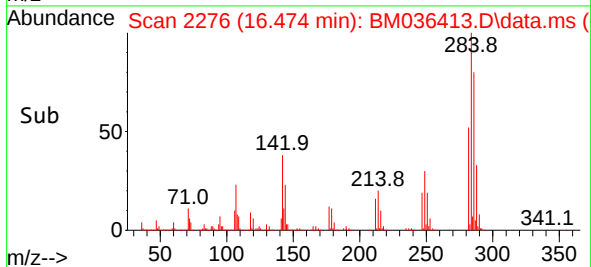
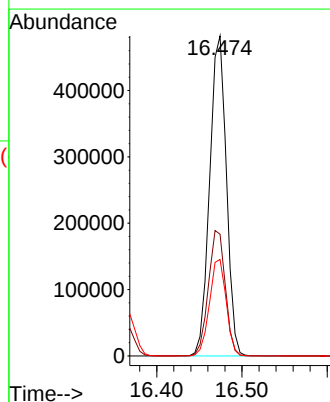
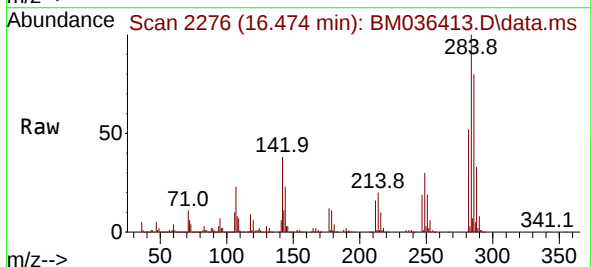
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

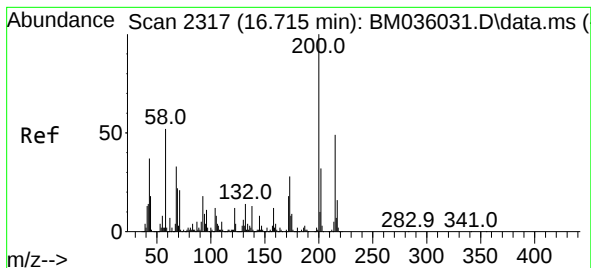
Tgt Ion:248 Resp: 574174
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 76.9 66.0 99.0



#68
Hexachlorobenzene
Concen: 47.359 ng
RT: 16.474 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:284 Resp: 655959
Ion Ratio Lower Upper
284 100
142 38.0 33.6 50.4
249 30.2 26.2 39.2





#69

Atrazine

Concen: 57.025 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

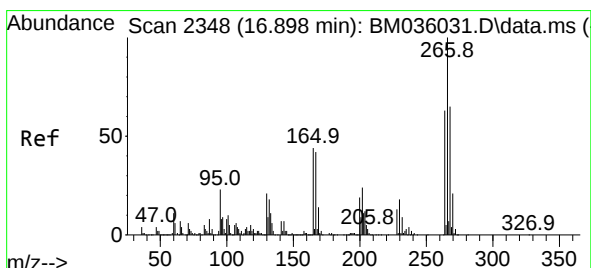
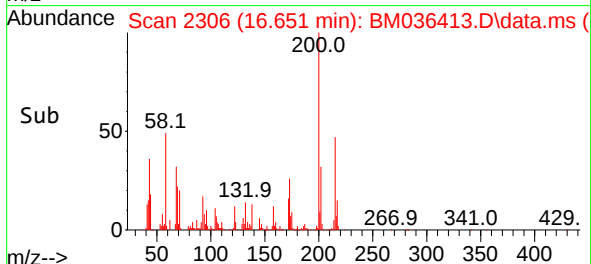
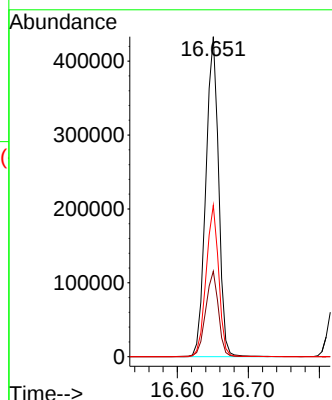
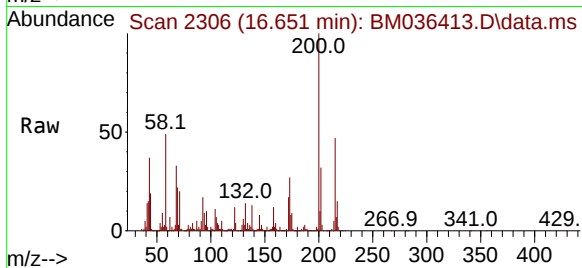
Tgt Ion:200 Resp: 543613

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 47.3 26.2 66.2



#70

Pentachlorophenol

Concen: 90.763 ng

RT: 16.827 min Scan# 2336

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

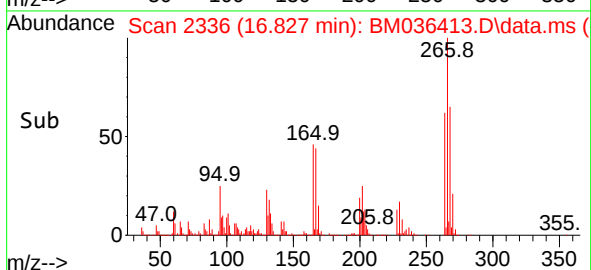
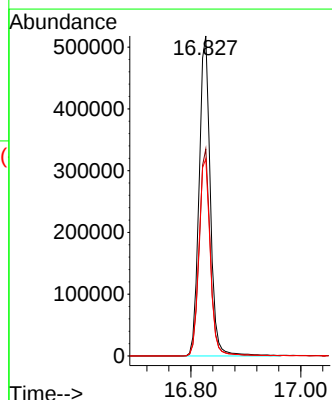
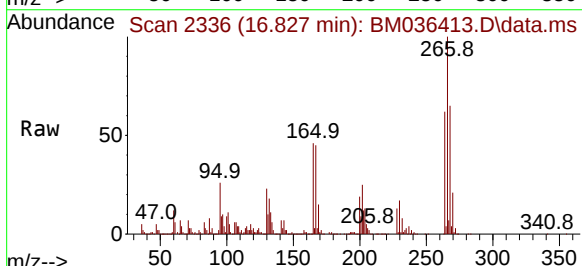
Tgt Ion:266 Resp: 736258

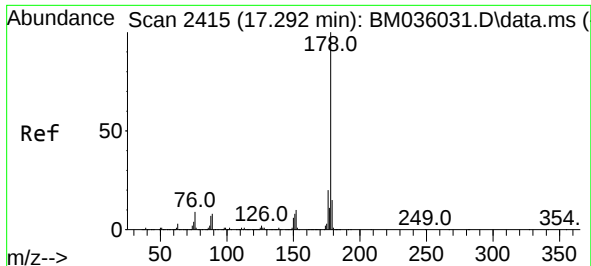
Ion Ratio Lower Upper

266 100

268 64.6 51.9 77.9

264 61.6 50.6 76.0

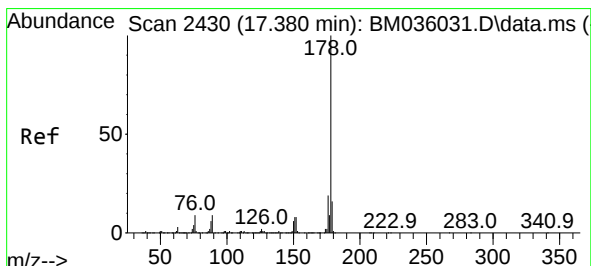
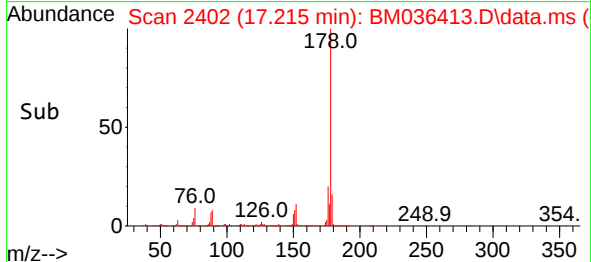
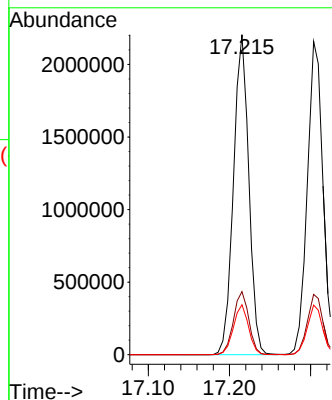
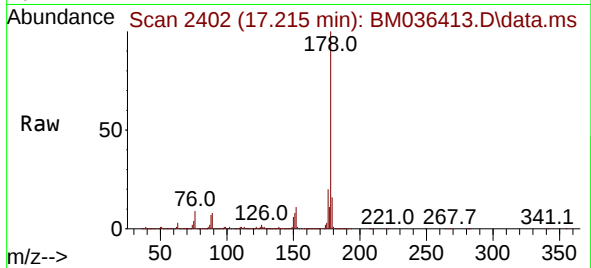




#71
Phenanthrene
Concen: 46.964 ng
RT: 17.215 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

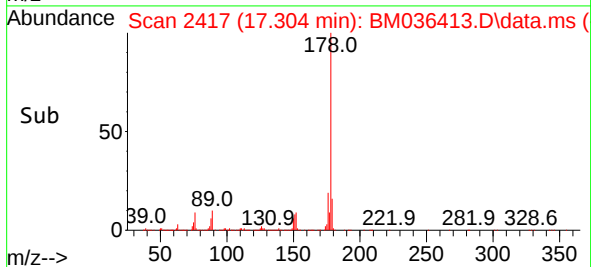
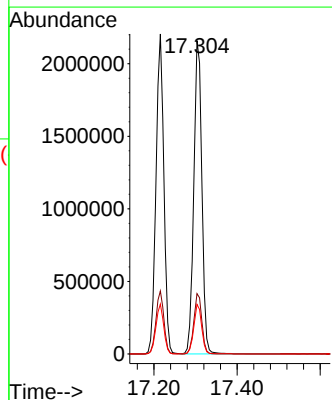
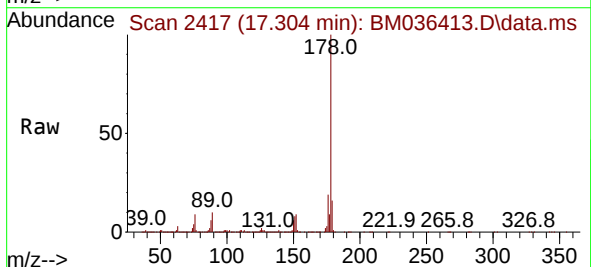
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

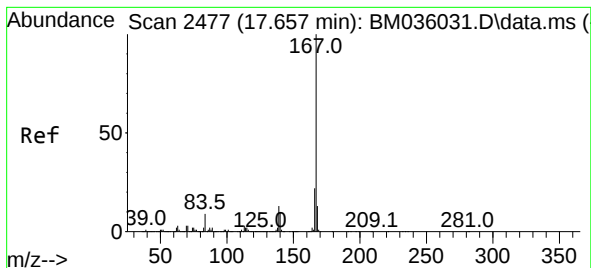
Tgt Ion:178 Resp: 2887511
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 48.925 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:178 Resp: 2912260
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.8 12.2 18.2





#73

Carbazole

Concen: 42.335 ng

RT: 17.586 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

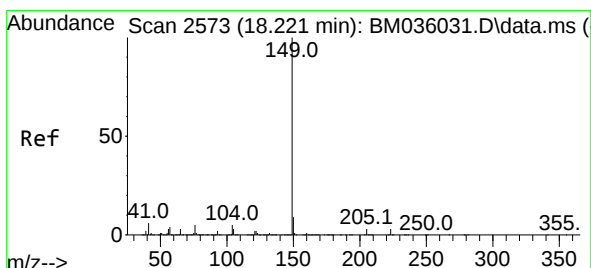
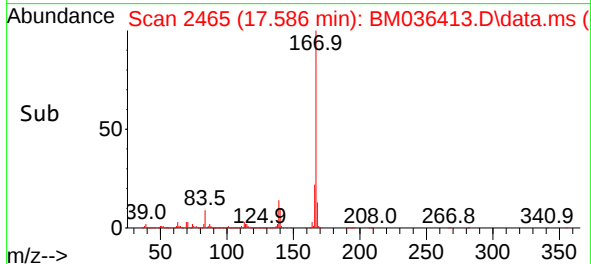
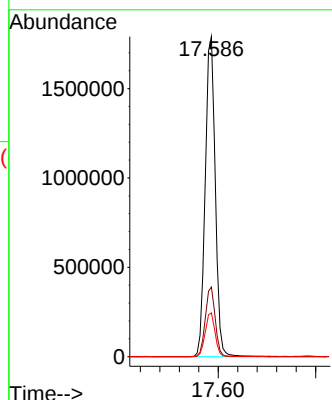
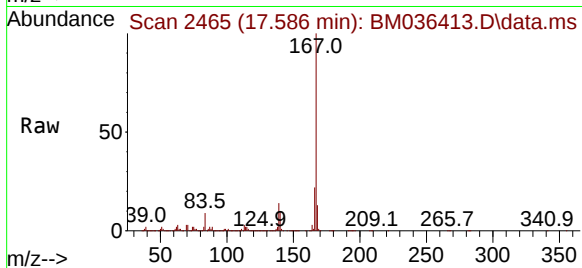
Tgt Ion:167 Resp: 2553331

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 13.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 46.275 ng

RT: 18.145 min Scan# 2560

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

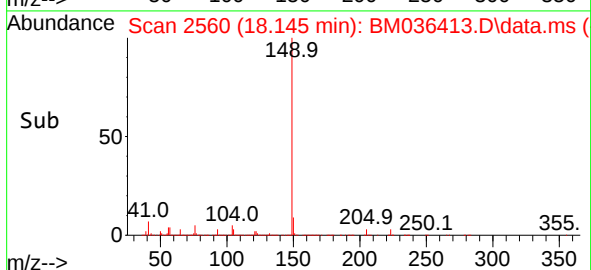
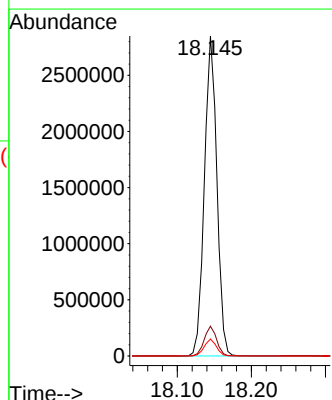
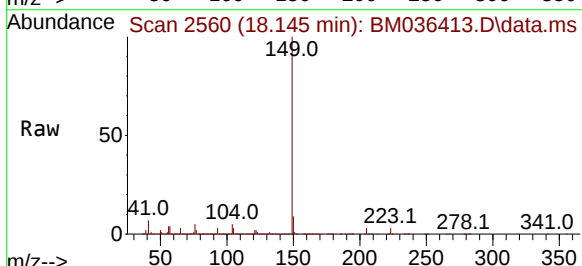
Tgt Ion:149 Resp: 3331667

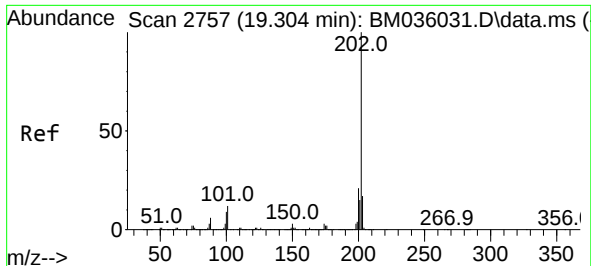
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.3 4.3 6.5

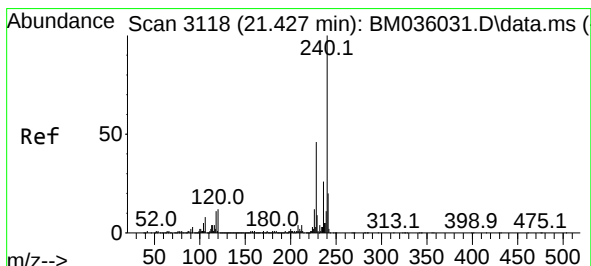
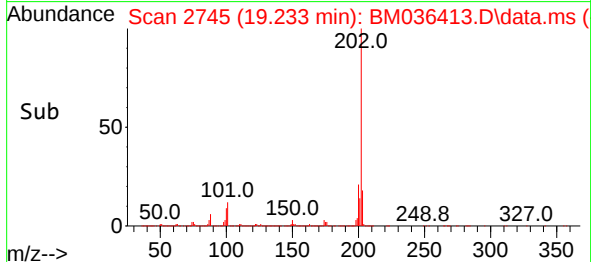
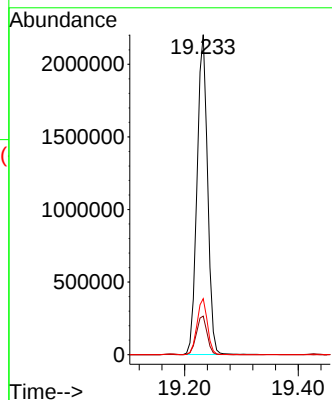
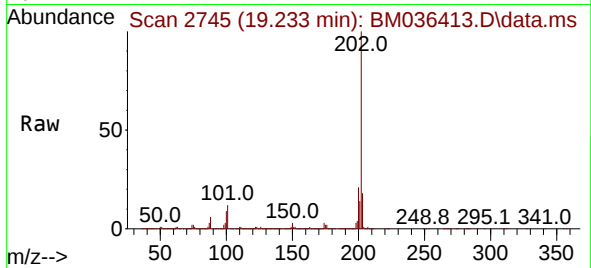




#75
Fluoranthene
Concen: 41.367 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

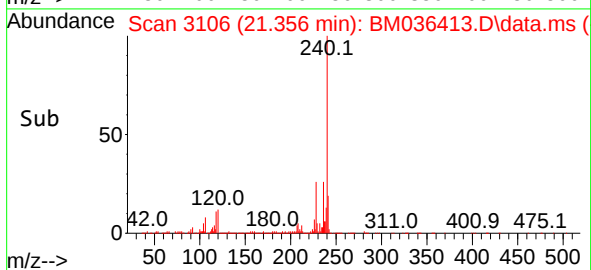
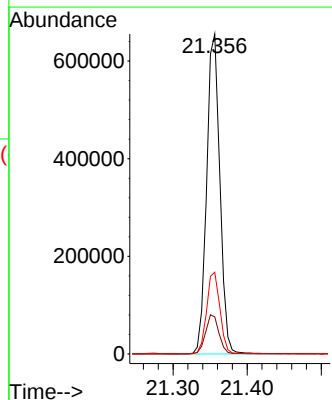
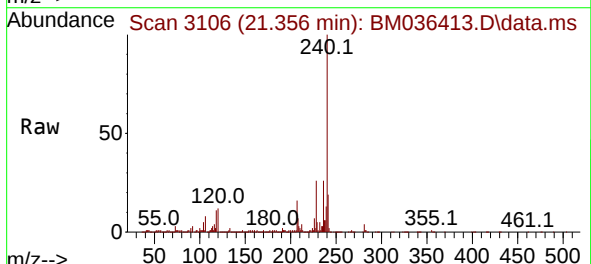
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

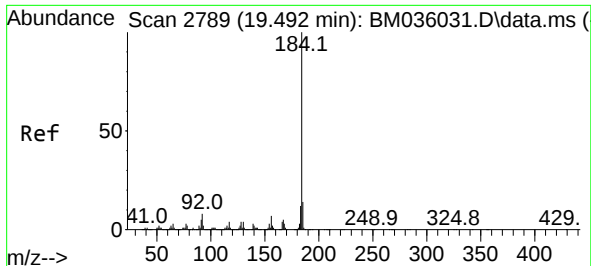
Tgt Ion:202 Resp: 2847009
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.6
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:240 Resp: 812958
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.0
236 25.5 20.6 30.8

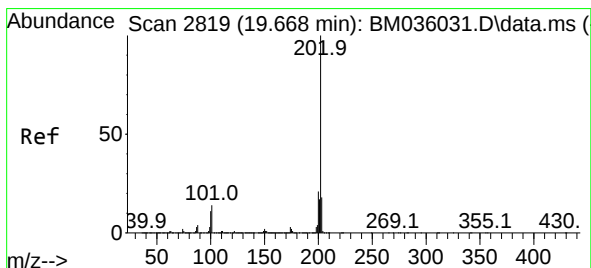
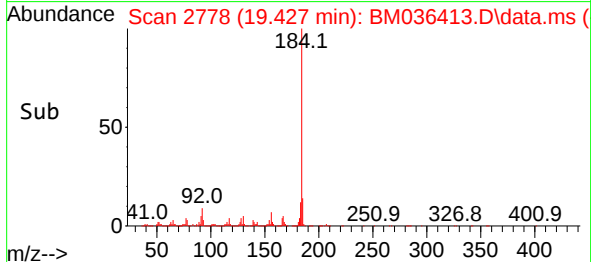
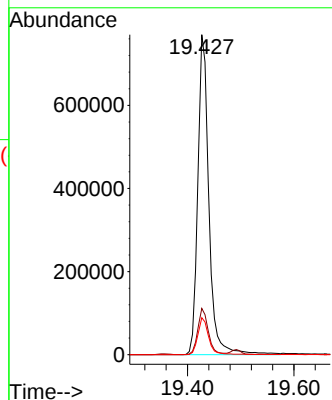
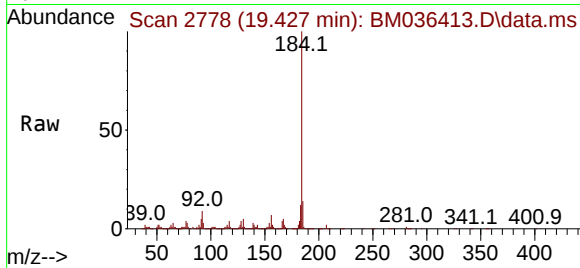




#77
Benzidine
Concen: 91.170 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

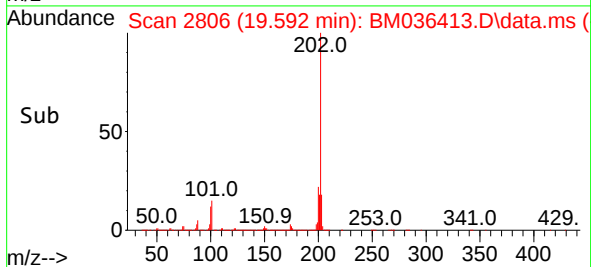
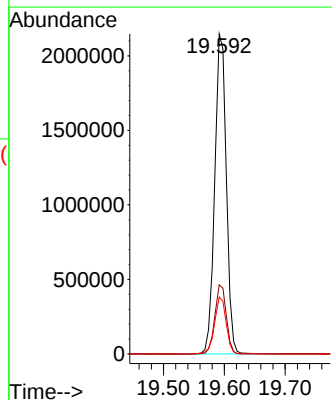
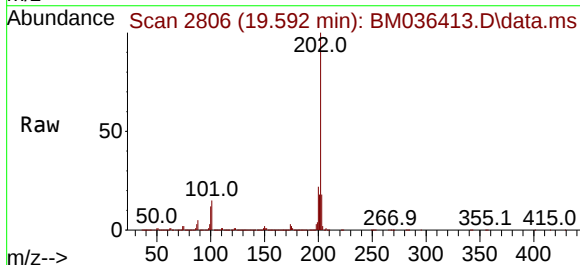
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

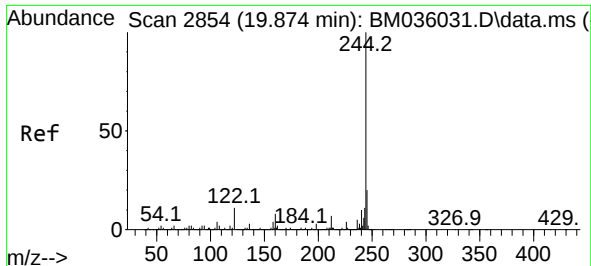
Tgt Ion:184 Resp: 1111548
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 11.6 9.5 14.3



#78
Pyrene
Concen: 56.383 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:202 Resp: 2842340
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.8 13.9 20.9

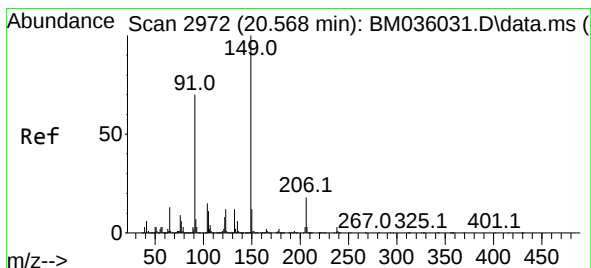
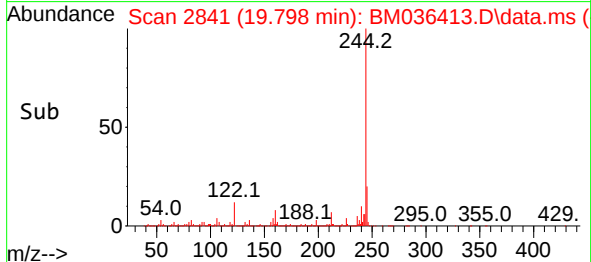
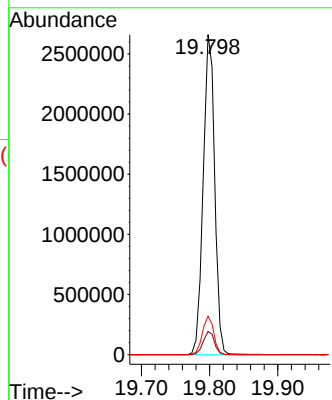
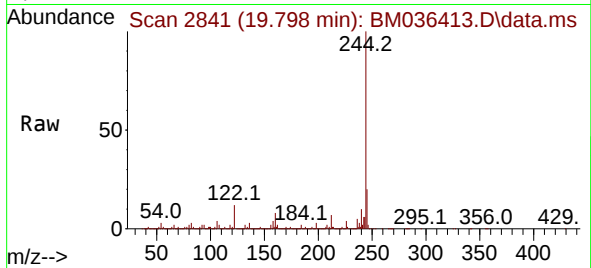




#79
 Terphenyl-d14
 Concen: 75.637 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036413.D
 Acq: 25 Aug 2022 19:17

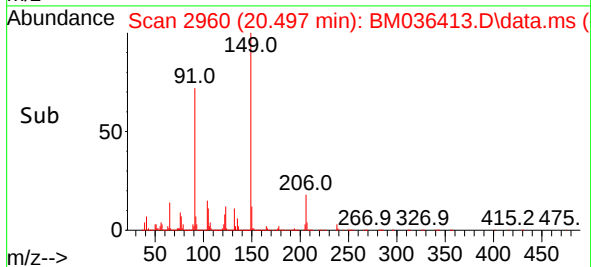
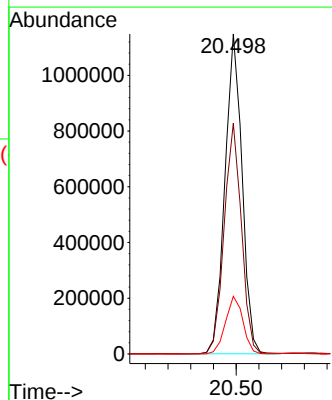
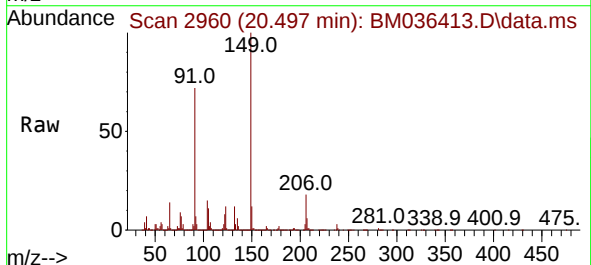
Instrument :
 BNA_M
 ClientSampleId :
 SASP2-T-4-(16-22)MSD

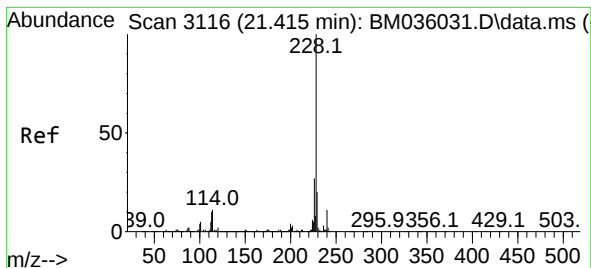
Tgt Ion:244 Resp: 3117430
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 12.0 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 55.264 ng
 RT: 20.497 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BM036413.D
 Acq: 25 Aug 2022 19:17

Tgt Ion:149 Resp: 1202410
 Ion Ratio Lower Upper
 149 100
 91 72.1 56.6 85.0
 206 18.0 15.4 23.0





#81

Benzo(a)anthracene

Concen: 46.100 ng

RT: 21.339 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

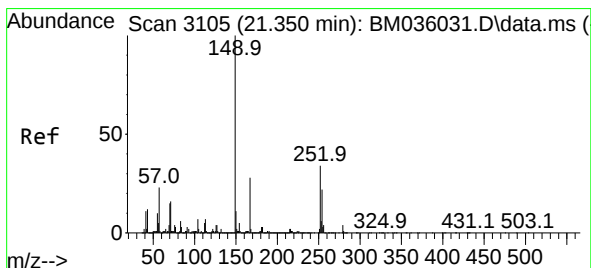
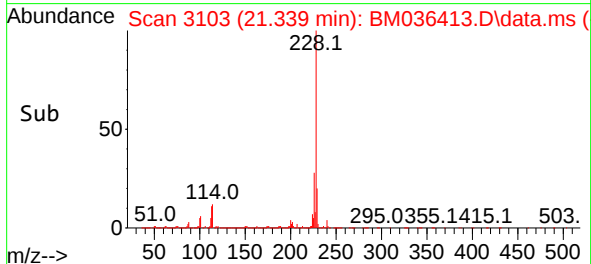
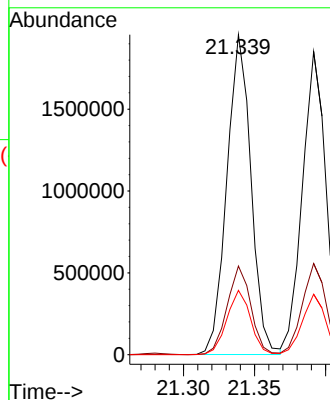
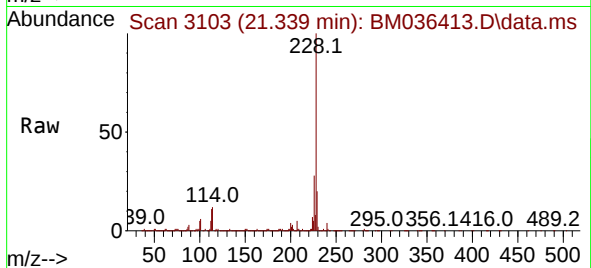
Tgt Ion:228 Resp: 2308385

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 54.859 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

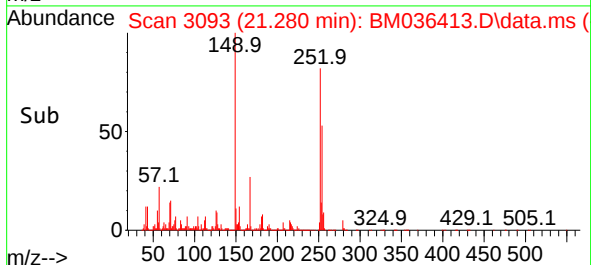
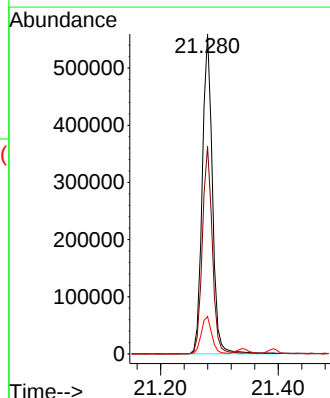
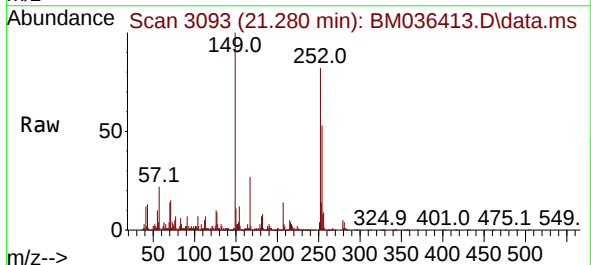
Tgt Ion:252 Resp: 667009

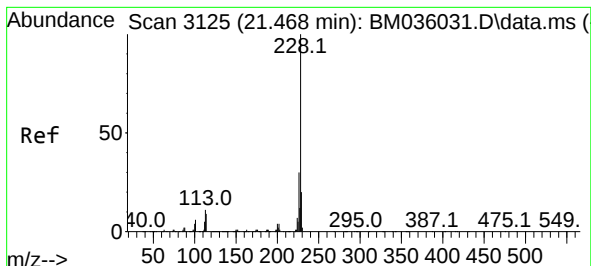
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 11.7 9.4 14.0





#83

Chrysene

Concen: 45.257 ng

RT: 21.392 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

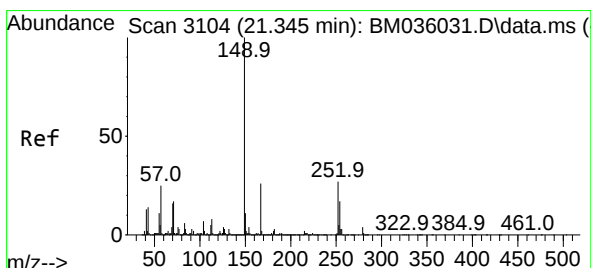
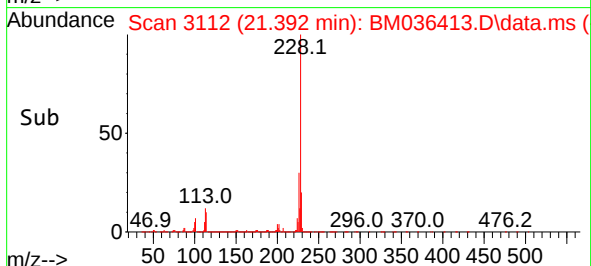
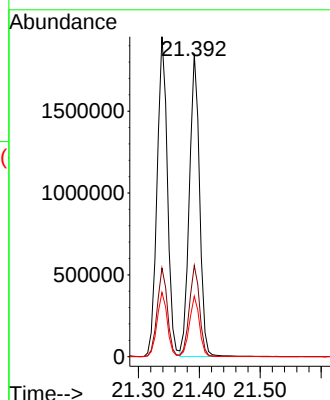
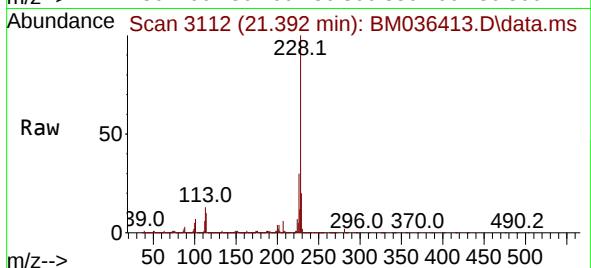
Tgt Ion:228 Resp: 2154187

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.546 ng

RT: 21.268 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

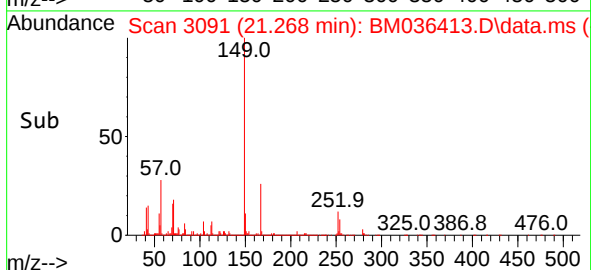
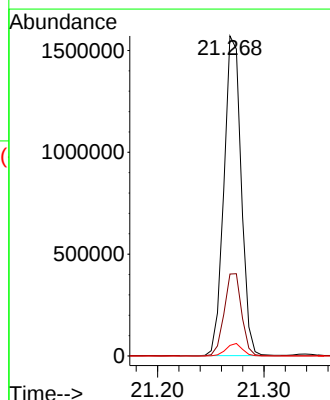
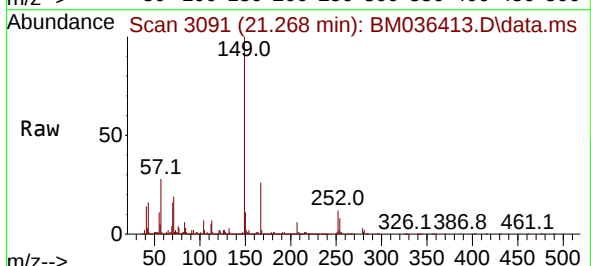
Tgt Ion:149 Resp: 1757654

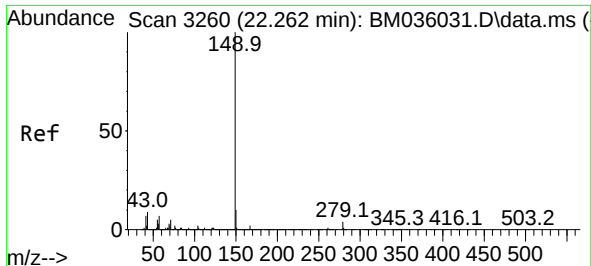
Ion Ratio Lower Upper

149 100

167 25.6 21.1 31.7

279 3.3 2.8 4.2

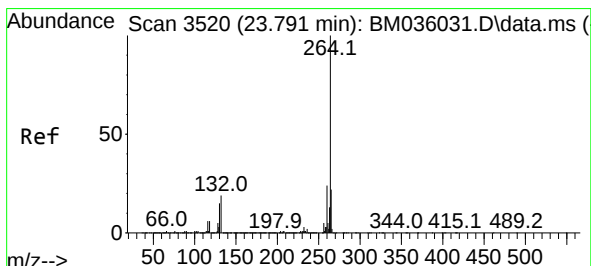
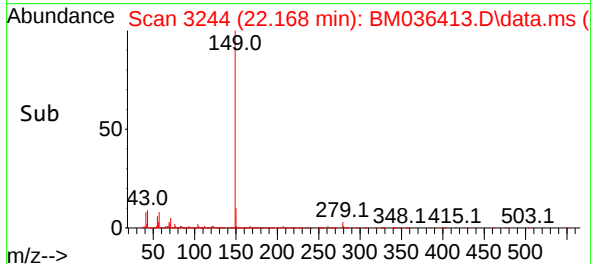
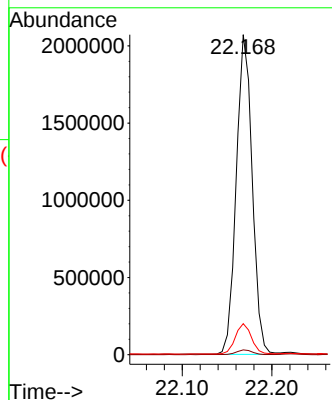
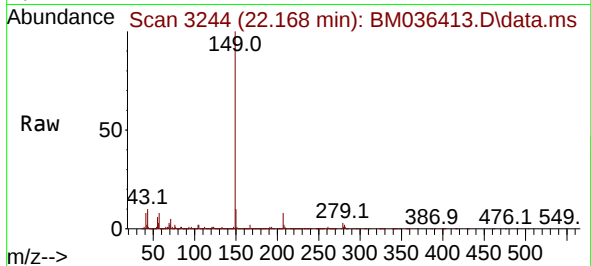




#85
Di-n-octyl phthalate
Concen: 47.621 ng
RT: 22.168 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

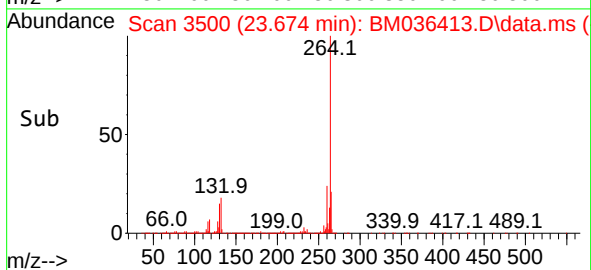
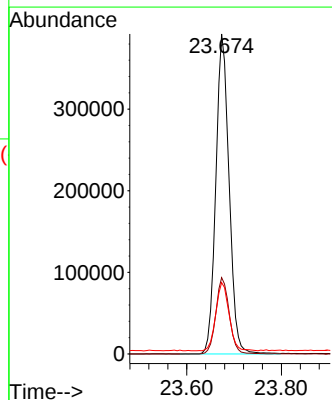
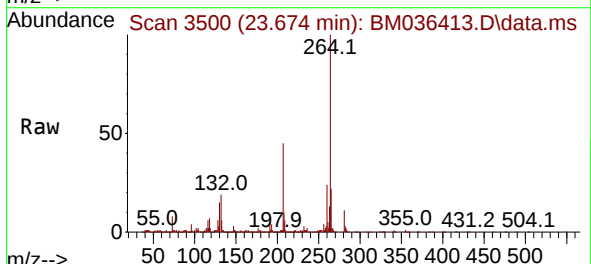
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

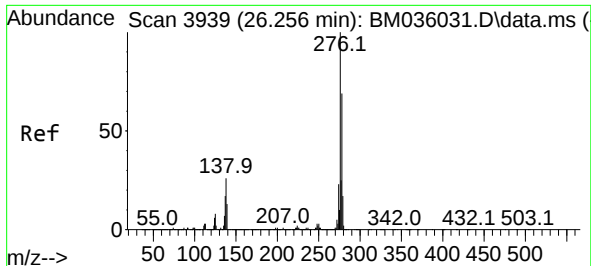
Tgt Ion:149 Resp: 2551077
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:264 Resp: 760955
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.3 17.5 26.3

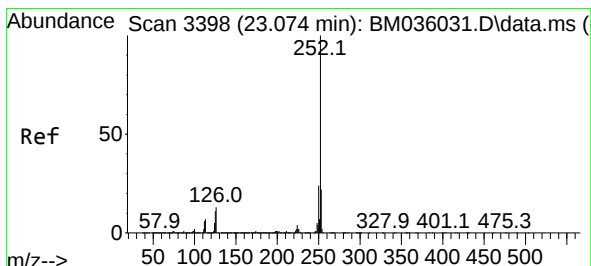
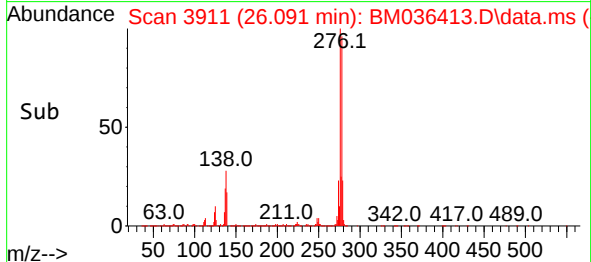
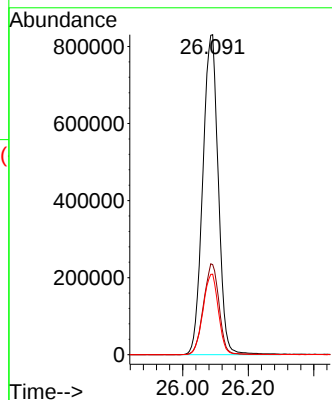
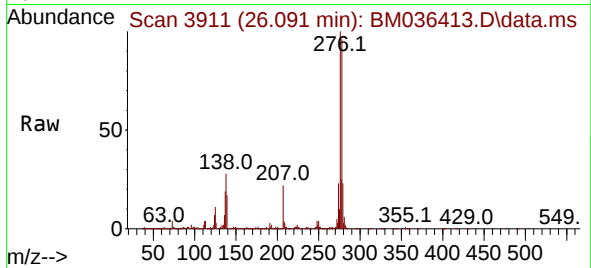




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.194 ng
RT: 26.091 min Scan# 3911
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

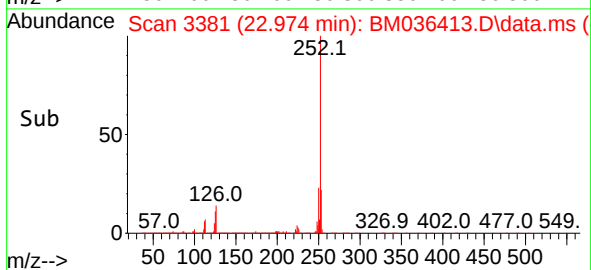
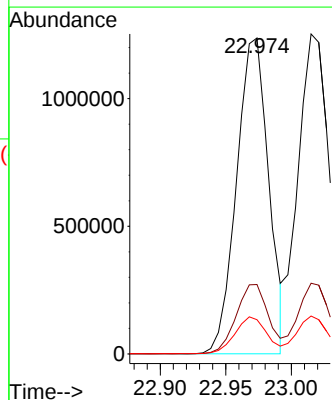
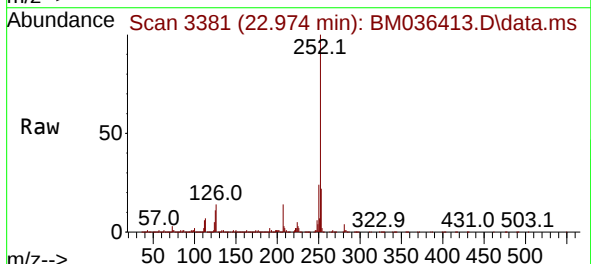
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

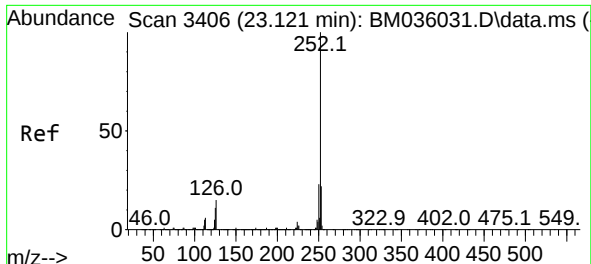
Tgt Ion:276 Resp: 2737633
Ion Ratio Lower Upper
276 100
138 28.4 20.2 30.4
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 47.180 ng
RT: 22.974 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:252 Resp: 2103477
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.8 7.6 11.4

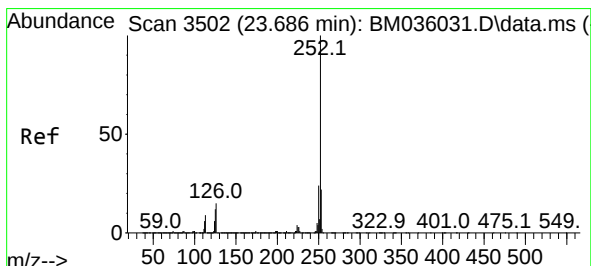
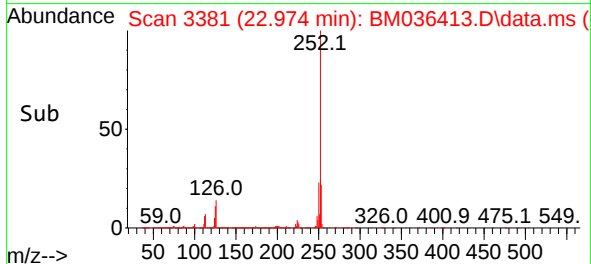
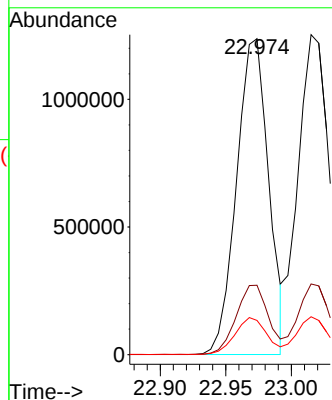
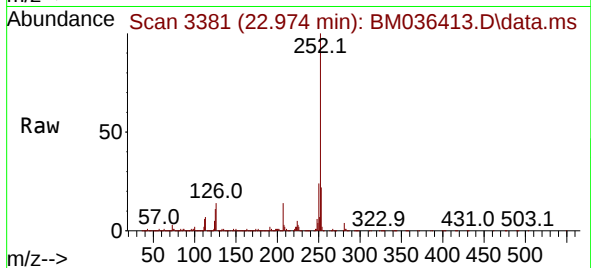




#89
Benzo(k)fluoranthene
Concen: 46.713 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.047 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

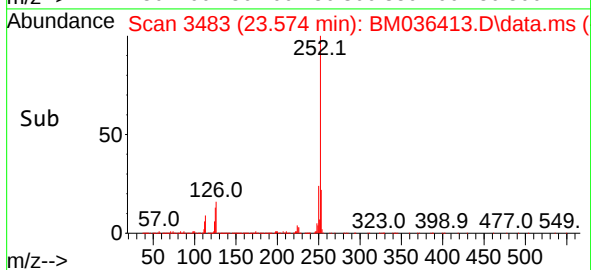
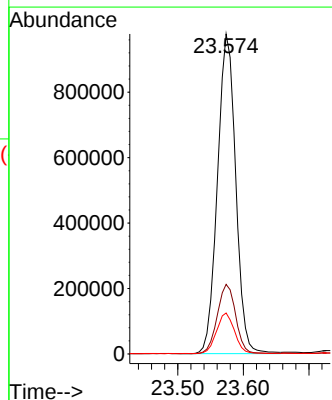
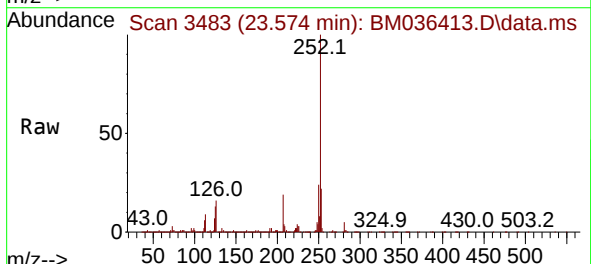
Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(16-22)MSD

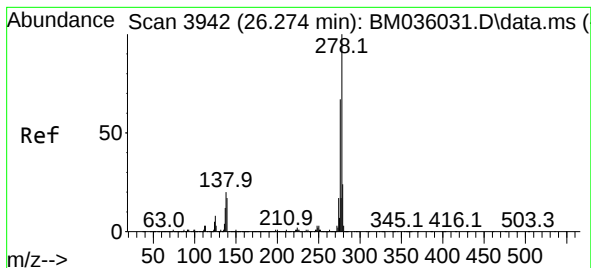
Tgt Ion:252 Resp: 2103477
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.383 ng
RT: 23.574 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM036413.D
Acq: 25 Aug 2022 19:17

Tgt Ion:252 Resp: 1884663
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 53.610 ng

RT: 26.097 min Scan# 3942

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SASP2-T-4-(16-22)MSD

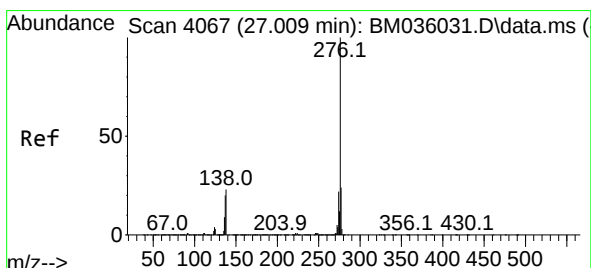
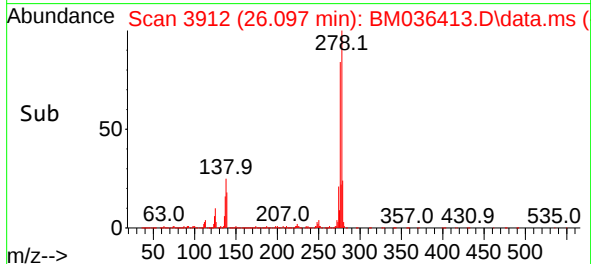
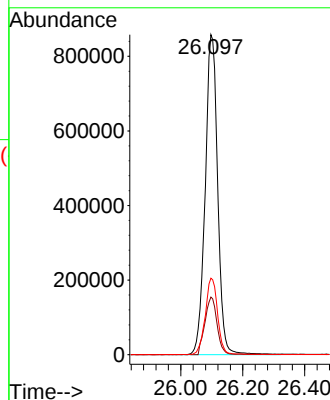
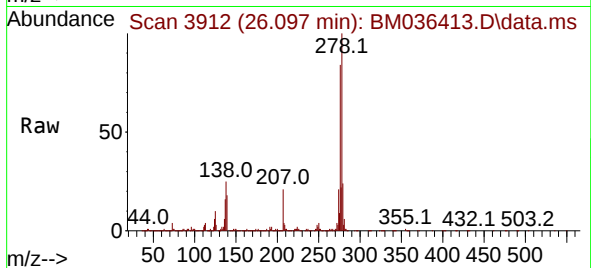
Tgt Ion:278 Resp: 2399691

Ion Ratio Lower Upper

278 100

139 18.0 12.9 19.3

279 23.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 56.247 ng

RT: 26.826 min Scan# 4036

Delta R.T. -0.006 min

Lab File: BM036413.D

Acq: 25 Aug 2022 19:17

Tgt Ion:276 Resp: 2437392

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 24.2 17.6 26.4

