

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000393.D
 Acq On : 24 Sep 2019 19:01
 Operator : JU
 Sample : K4665-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-091919MSD

Quant Time: Sep 25 01:14:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250359	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	909345	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	397044	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	762064	20.00	ng	0.00
76) Chrysene-d12	13.99	240	622046	20.00	ng	0.00
87) Perylene-d12	15.47	264	718387	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1512901	104.32	ng	0.02
7) Phenol-d6	6.43	99	2079243	116.96	ng	0.00
23) Nitrobenzene-d5	7.35	82	1343256	95.31	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	646050	164.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2507269	113.65	ng	0.00
79) Terphenyl-d14	12.93	244	2907929	98.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	200807	30.684	ng	100
3) Pyridine	3.33	79	402182	22.828	ng	99
4) n-Nitrosodimethylamine	3.25	42	173586	34.942	ng	96
6) Aniline	6.45	93	457363	18.660	ng	# 1
8) 2-Chlorophenol	6.58	128	680687	43.588	ng	98
9) Benzaldehyde	6.33	77	316064	31.601	ng	99
10) Phenol	6.45	94	831956	41.192	ng	90
11) bis(2-Chloroethyl)ether	6.52	93	668576	43.227	ng	99
12) 1,3-Dichlorobenzene	6.73	146	757229	40.408	ng	97
13) 1,4-Dichlorobenzene	6.80	146	774473	41.537	ng	98
14) 1,2-Dichlorobenzene	6.96	146	719626	42.133	ng	99
15) Benzyl Alcohol	6.93	79	561555	43.409	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	581834	39.680	ng	97
17) 2-Methylphenol	7.05	107	565702	42.295	ng	99
18) Hexachloroethane	7.30	117	272122	39.439	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	399470	42.502	ng	97
20) 3+4-Methylphenols	7.20	107	694545	42.942	ng	99
22) Acetophenone	7.19	105	961090	48.770	ng	# 99
24) Nitrobenzene	7.37	77	671576	45.875	ng	97
25) Isophorone	7.61	82	1263907	45.288	ng	99
26) 2-Nitrophenol	7.69	139	366635	47.242	ng	98
27) 2,4-Dimethylphenol	7.73	122	620680	50.208	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	821266	44.245	ng	99
29) 2,4-Dichlorophenol	7.93	162	628521	47.438	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	667882	43.979	ng	99
31) Naphthalene	8.09	128	1984357	47.118	ng	100
32) Benzoic acid	7.84	122	322399	38.625	ng	99
33) 4-Chloroaniline	8.14	127	253794	13.316	ng	98
34) Hexachlorobutadiene	8.22	225	384083	42.685	ng	99
35) Caprolactam	8.49	113	94854	21.045	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	640678	47.634	ng	99
37) 2-Methylnaphthalene	8.79	142	1378744	47.890	ng	100
38) 1-Methylnaphthalene	8.89	142	1276087	47.317	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	670442	59.059	ng	99

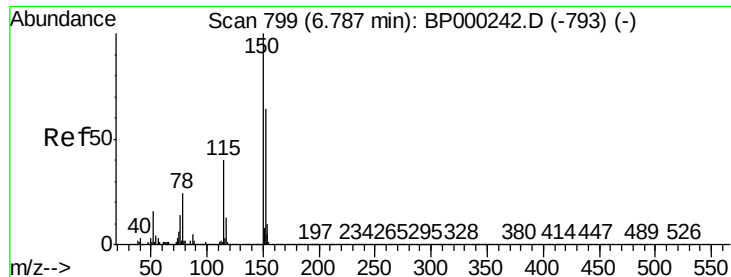
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	632210	96.983	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	440190	56.038	nq	98
44) 2,4,5-Trichlorophenol	9.11	196	475449	59.110	nq	99
46) 1,1'-Biphenyl	9.25	154	1336462	48.657	nq	98
47) 2-Chloronaphthalene	9.27	162	1038799	45.085	nq	99
48) 2-Nitroaniline	9.37	65	254917	43.567	nq	98
49) Acenaphthylene	9.69	152	1648431	47.595	nq	99
50) Dimethylphthalate	9.55	163	1468727	54.294	nq	99
51) 2,6-Dinitrotoluene	9.61	165	293690	49.377	nq	95
52) Acenaphthene	9.86	154	963455	44.082	nq	99
53) 3-Nitroaniline	9.77	138	153254	22.198	nq	97
54) 2,4-Dinitrophenol	9.89	184	251394	95.667	nq	95
55) Dibenzofuran	10.04	168	1515031	49.035	nq	99
56) 4-Nitrophenol	9.96	139	428124	83.374	nq	90
57) 2,4-Dinitrotoluene	10.02	165	396903	51.044	nq	# 88
58) Fluorene	10.38	166	1149271	48.158	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	343972	51.971	nq	98
60) Diethylphthalate	10.26	149	1245257	47.853	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	599931	48.974	nq	97
62) 4-Nitroaniline	10.40	138	302418	44.534	nq	94
63) Azobenzene	10.53	77	995535	45.156	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	180879	50.479	nq	96
66) n-Nitrosodiphenylamine	10.49	169	1071542	46.709	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	399429	46.351	nq	92
68) Hexachlorobenzene	10.94	284	450434	47.812	nq	99
69) Atrazine	11.03	200	353400	Below Cal		98
70) Pentachlorophenol	11.13	266	499012	97.254	nq	99
71) Phenanthrene	11.35	178	1836781	48.097	nq	100
72) Anthracene	11.40	178	1871688	47.615	nq	99
73) Carbazole	11.56	167	1710474	48.318	nq	100
74) Di-n-butylphthalate	11.90	149	1980653	44.203	nq	99
75) Fluoranthene	12.55	202	2063752	50.327	nq	96
77) Benzidine	12.67	184	963239	43.358	nq	98
78) Pyrene	12.78	202	2123827	45.635	nq	100
80) Butylbenzylphthalate	13.41	149	881361	41.215	nq	98
81) Benzo(a)anthracene	13.99	228	1838598	46.792	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	485310	30.732	nq	99
83) Chrysene	14.02	228	1794262	46.507	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1106621	43.109	nq	# 100
85) Di-n-octyl phthalate	14.60	149	2048245	43.051	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2230715	47.436	nq	95
88) Benzo(b)fluoranthene	15.05	252	1976597	46.121	nq	# 97
89) Benzo(k)fluoranthene	15.07	252	1885506	50.437	nq	# 97
90) Benzo(a)pyrene	15.42	252	1902381	48.784	nq	# 97
91) Dibenzo(a,h)anthracene	16.97	278	1826091	50.226	nq	97
92) Benzo(g,h,i)perylene	17.40	276	1869238	50.019	nq	96

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

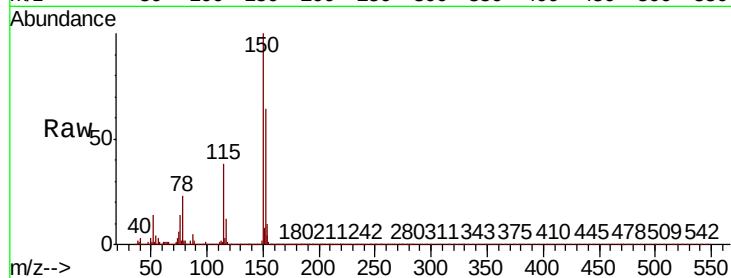


#1

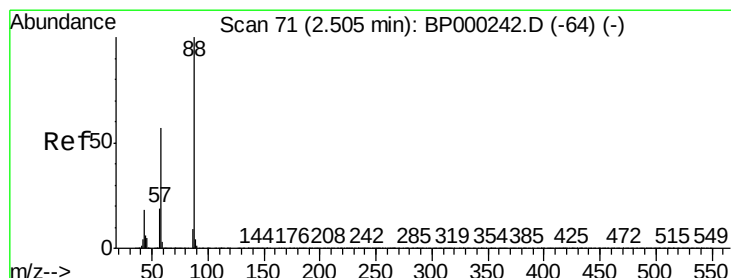
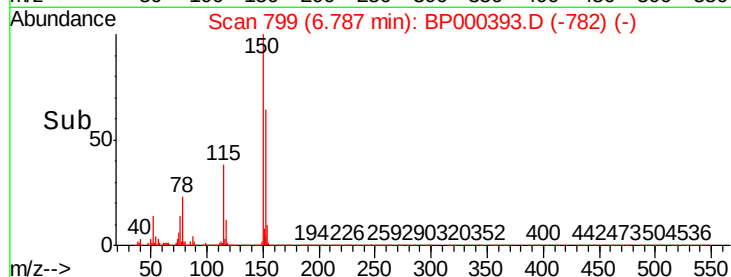
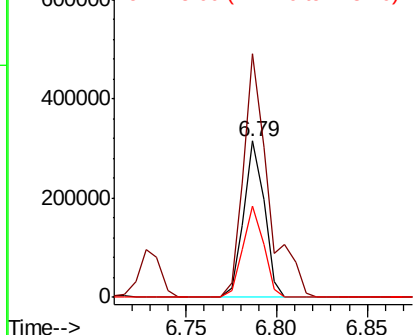
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.2	187.8
115	58.7	49.7	74.5



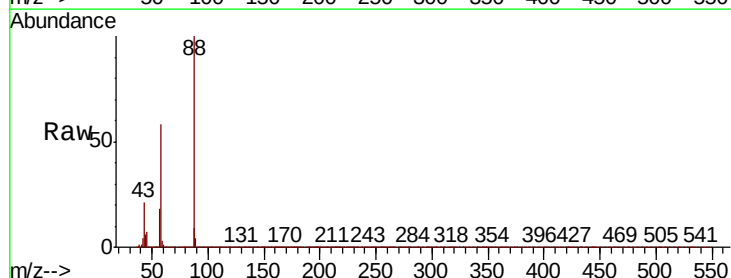
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



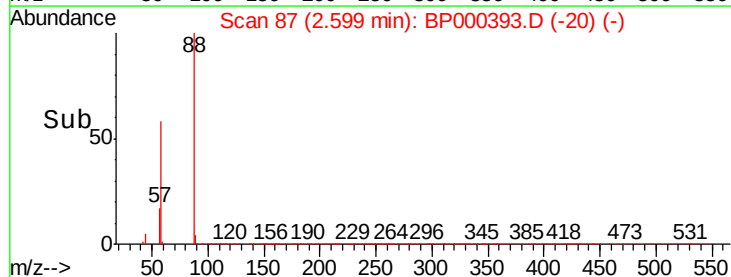
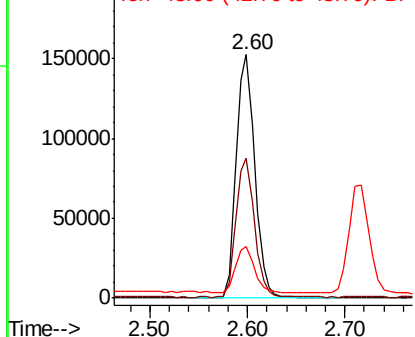
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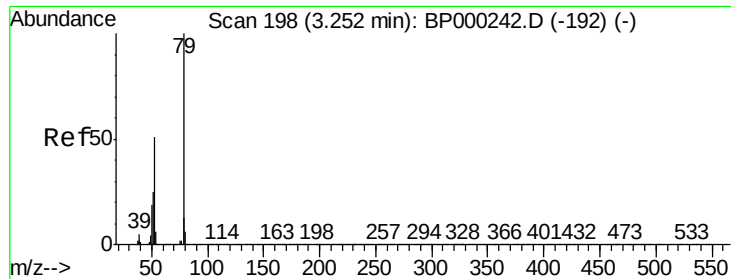
1,4-Dioxane
Concen: 30.684 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.09 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	45.4	68.2
43	19.3	15.0	22.6



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 22.828 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

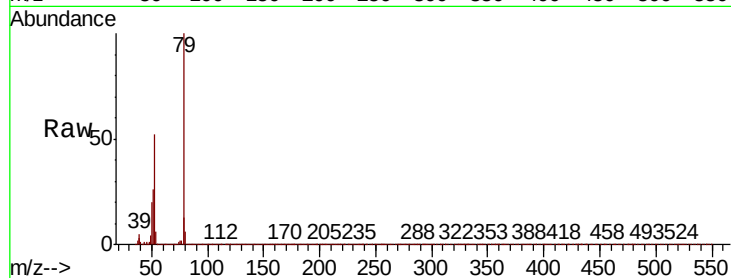
Tot Ion: 79 Resp: 402182

Ion Ratio Lower Upper

79 100

52 52.1 40.9 61.3

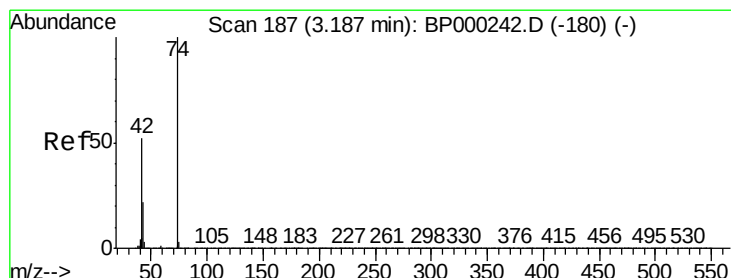
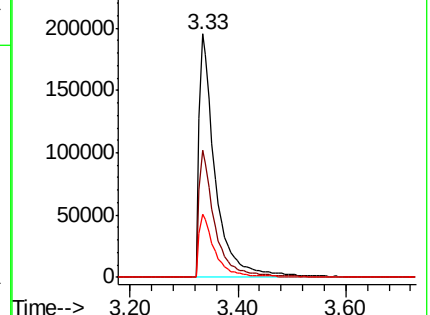
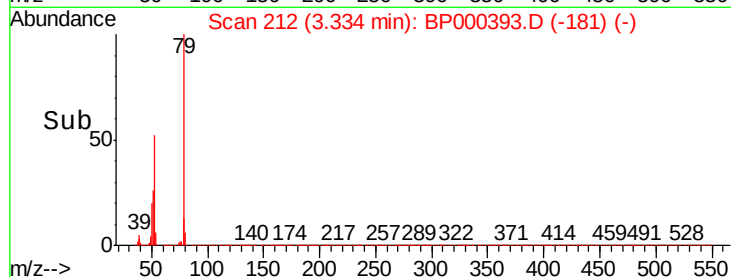
51 25.9 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 34.942 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.06 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

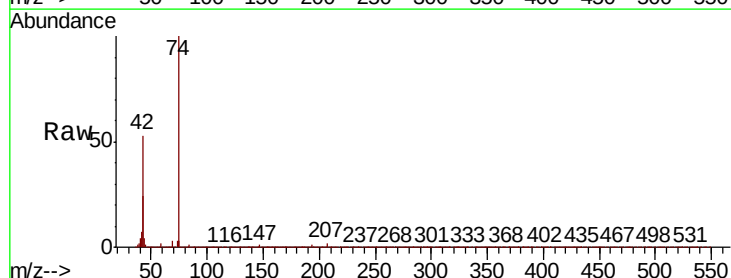
Tgt Ion: 42 Resp: 173586

Ion Ratio Lower Upper

42 100

74 187.4 154.5 231.7

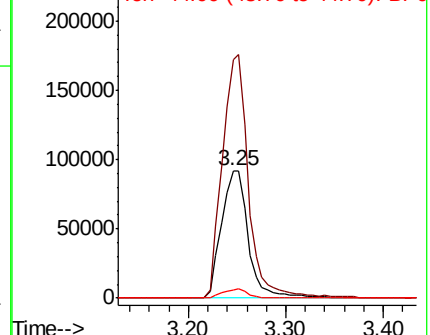
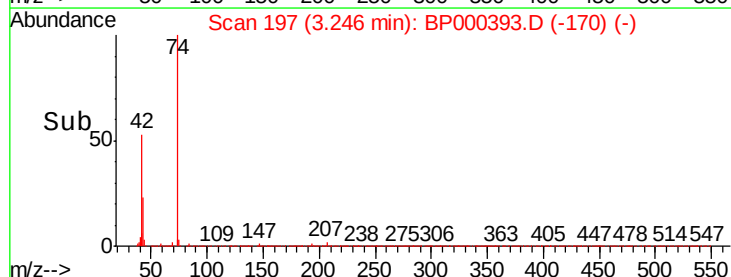
44 6.9 5.9 8.9

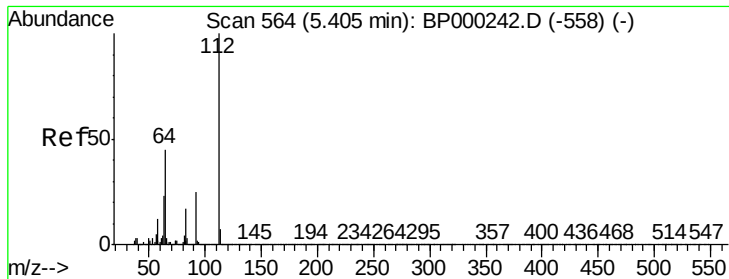


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 104.322 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

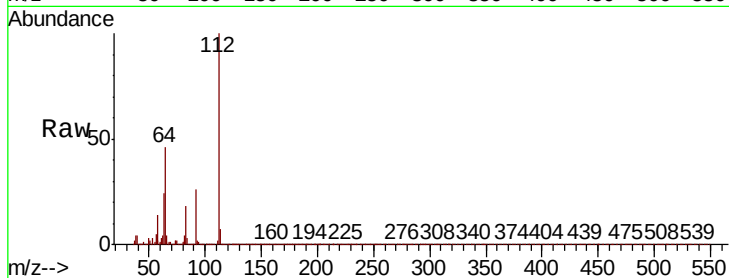
Tot Ion:112 Resp: 1512901

Ion Ratio Lower Upper

112 100

64 46.4 36.2 54.4

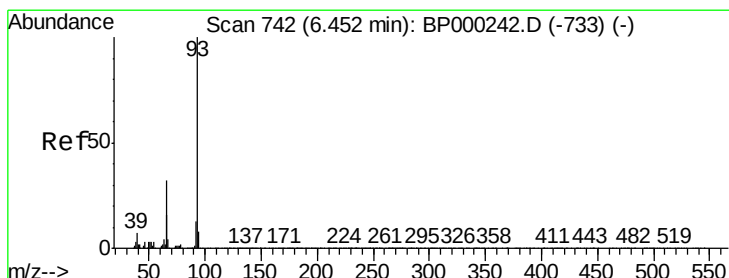
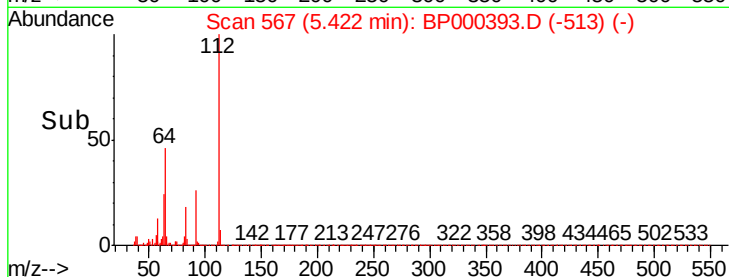
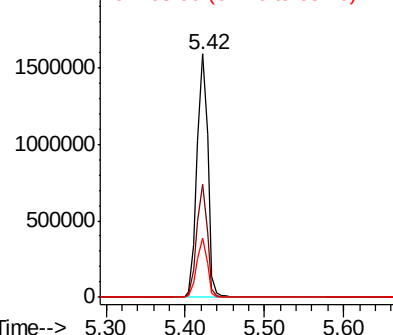
63 24.4 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 18.660 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

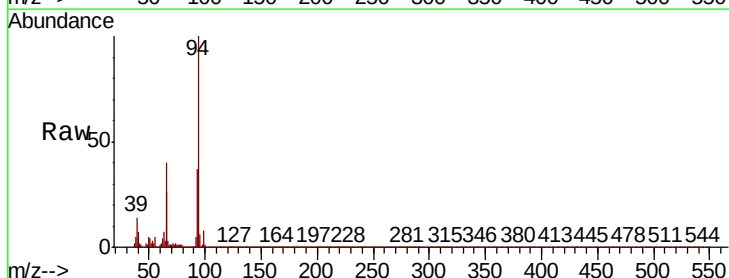
Tgt Ion: 93 Resp: 457363

Ion Ratio Lower Upper

93 100

66 107.3 26.2 39.2#

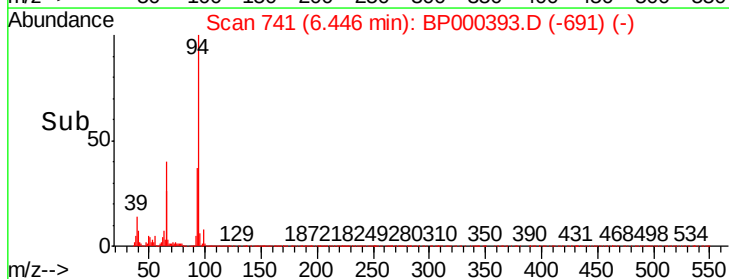
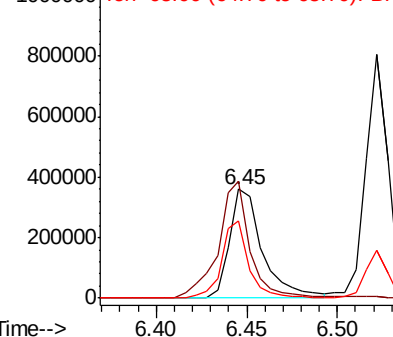
65 70.7 12.7 19.1#

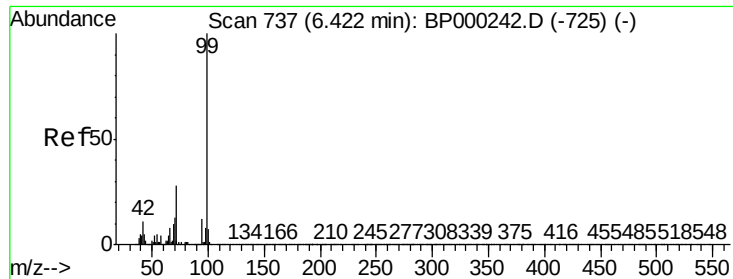


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 116.965 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

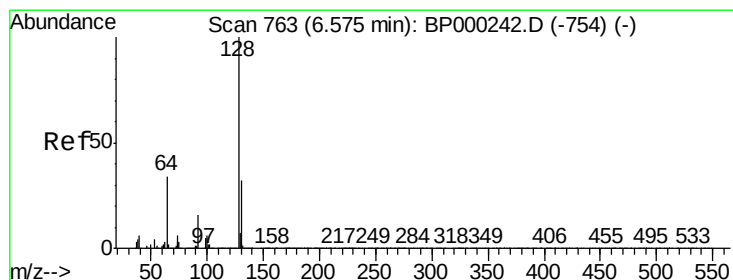
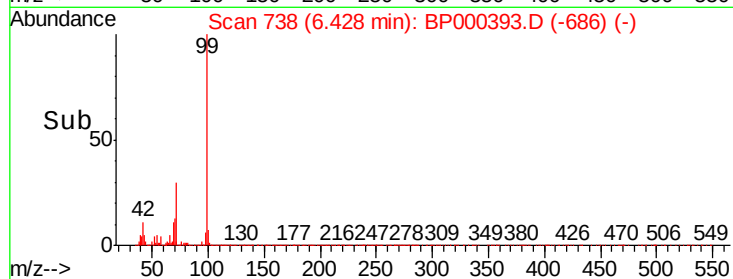
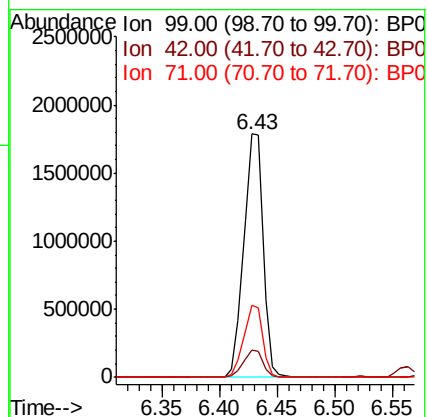
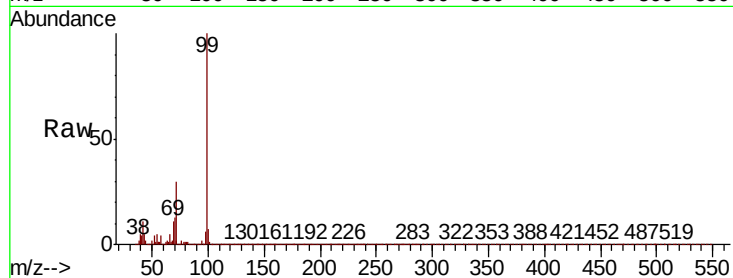
BNA_P

ClientSampleId :

EO-01-091919MSD

Tot Ion: 99 Resp: 2079243

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	29.5	22.6	34.0



#8

2-Chlorophenol

Concen: 43.588 ng

RT: 6.58 min Scan# 764

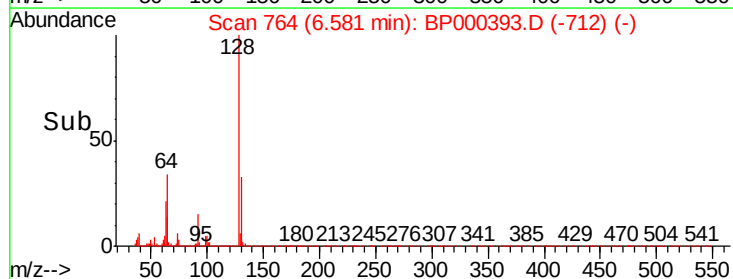
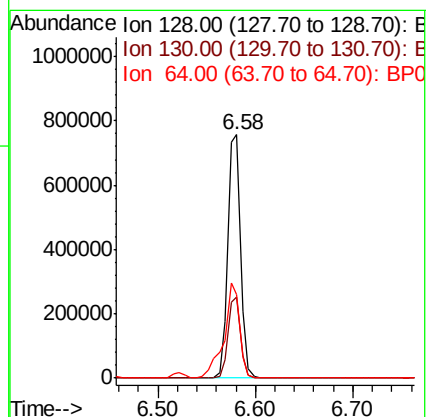
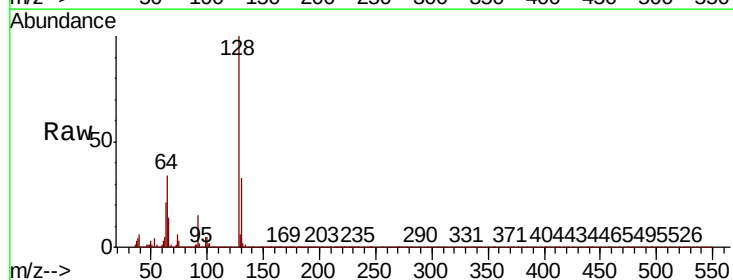
Delta R.T. 0.01 min

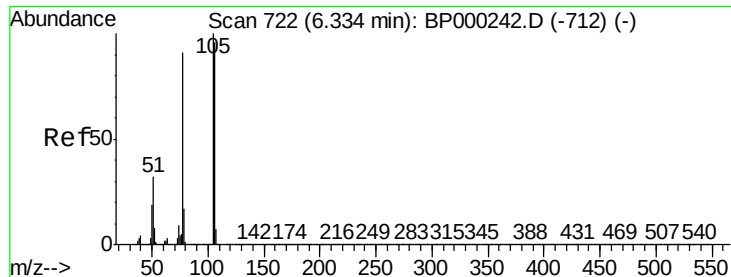
Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Tgt Ion: 128 Resp: 680687

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	34.4	16.0	56.0





#9

Benzaldehyde

Concen: 31.601 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

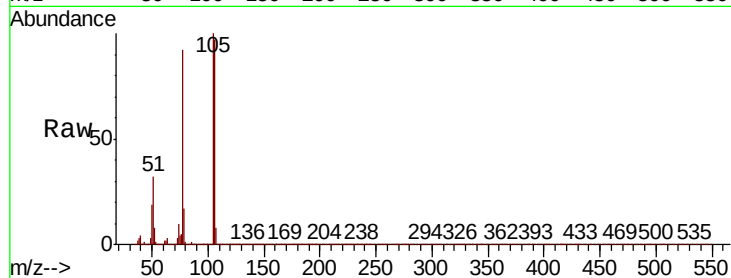
Tot Ion: 77 Resp: 316064

Ion Ratio Lower Upper

77 100

105 108.7 89.6 129.6

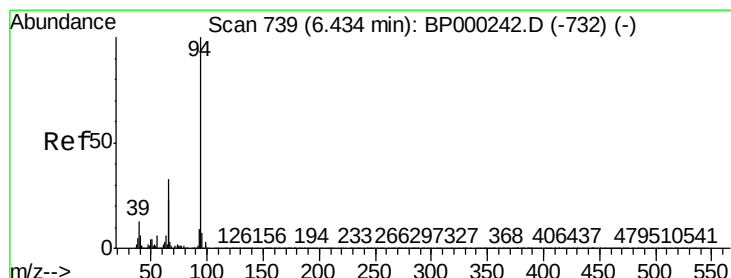
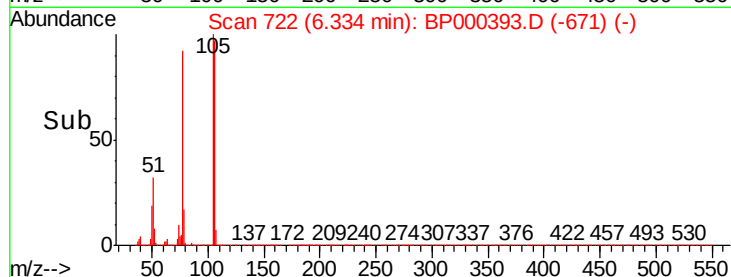
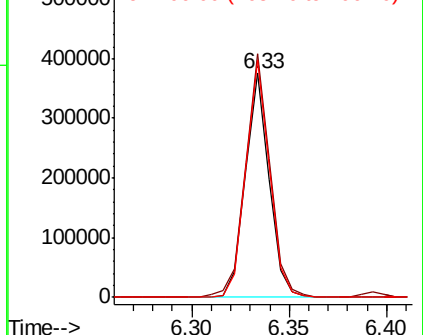
106 105.7 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.192 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

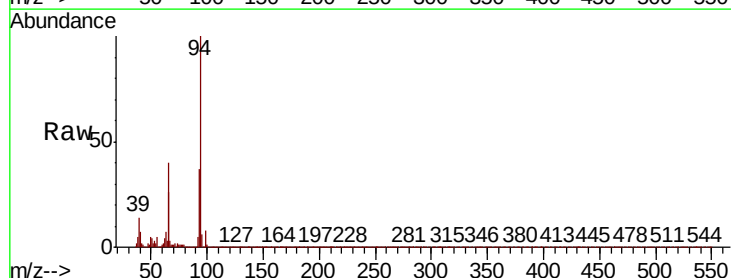
Tgt Ion: 94 Resp: 831956

Ion Ratio Lower Upper

94 100

65 26.5 3.3 43.3

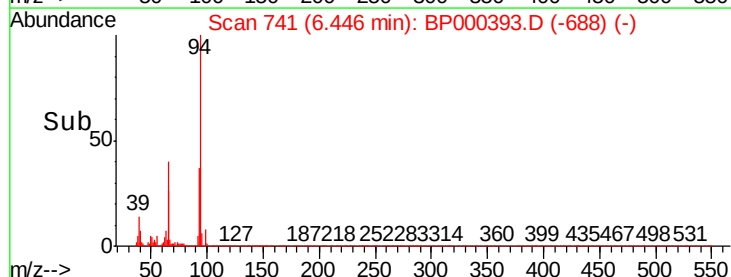
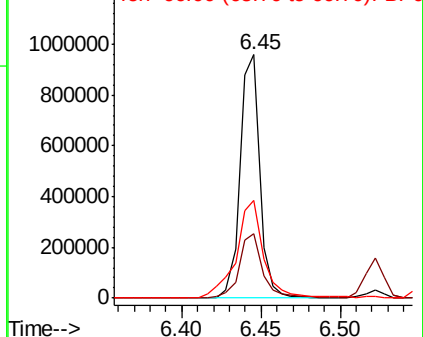
66 40.2 12.7 52.7

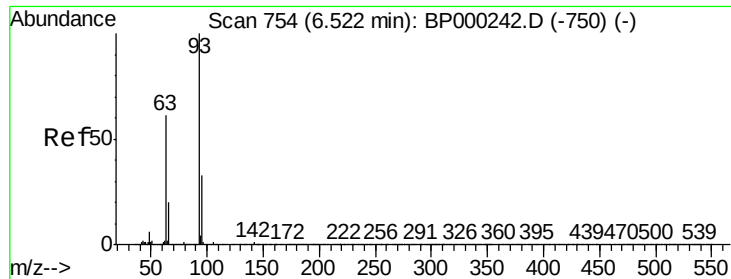


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

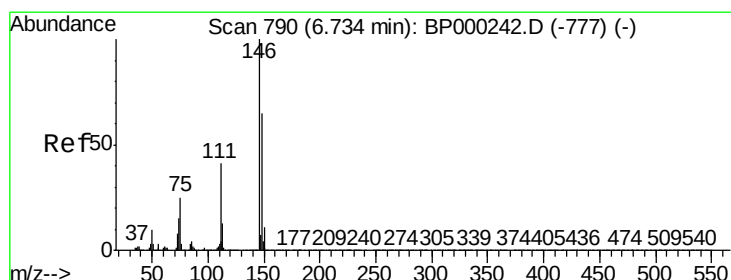
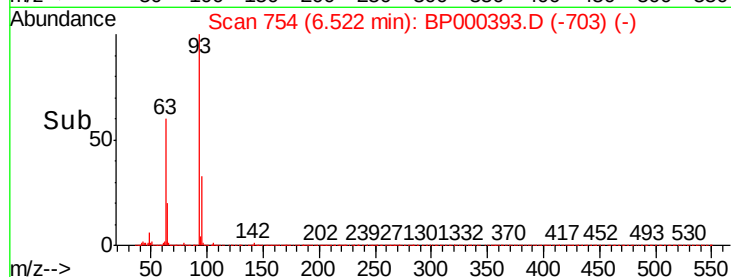
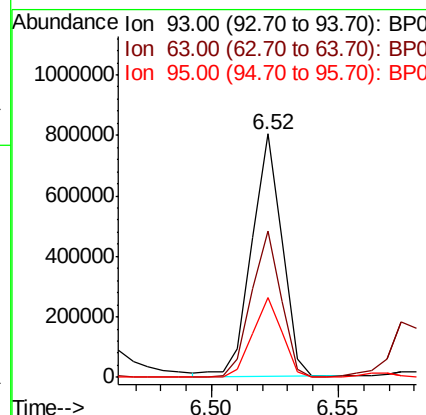
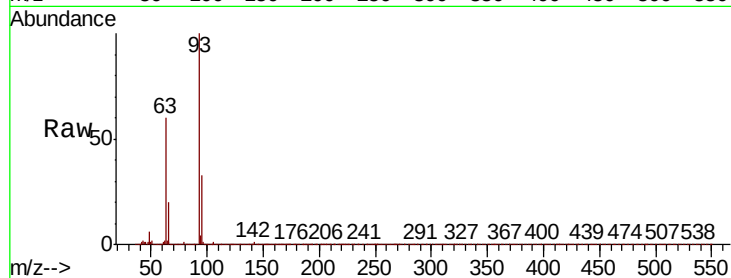




#11
bis(2-Chloroethyl)ether
Concen: 43.227 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

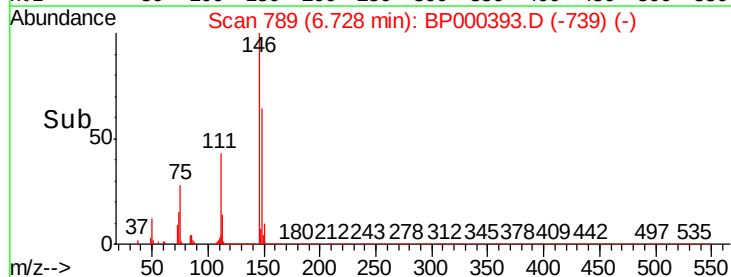
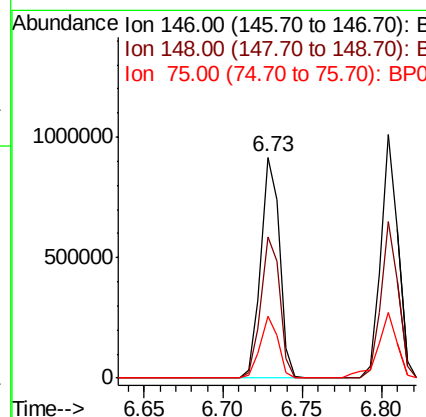
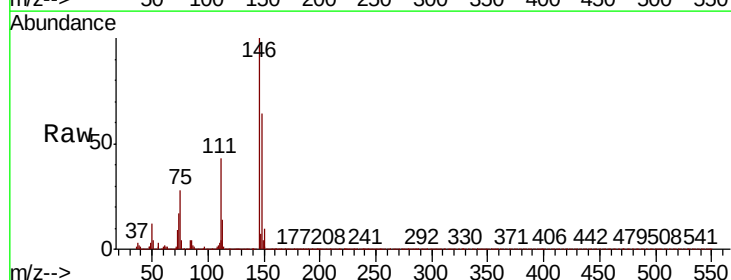
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

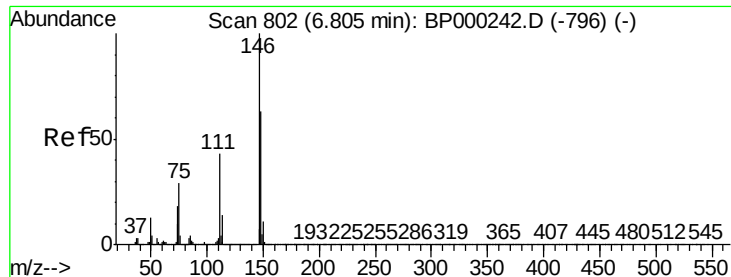
Tot Ion:	93	Resp:	668576
Ion	Ratio	Lower	Upper
93	100		
63	60.2	41.0	81.0
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.408 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:	146	Resp:	757229
Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	28.0	20.2	30.4

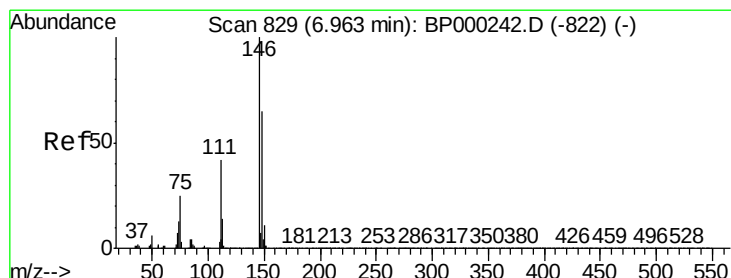
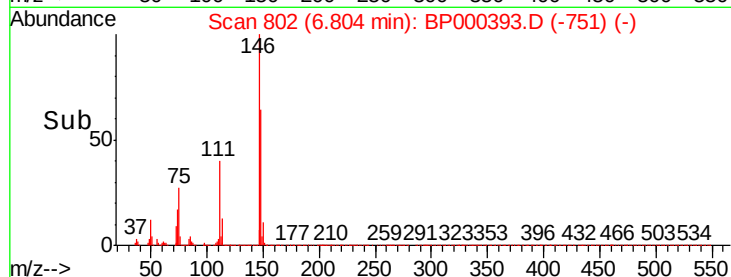
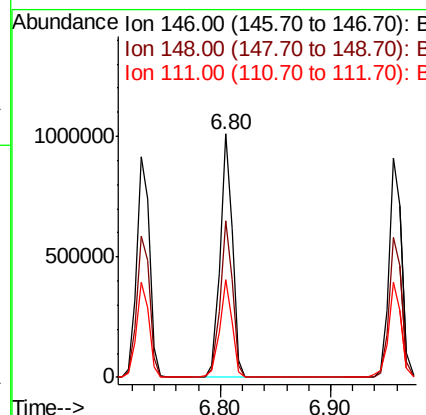
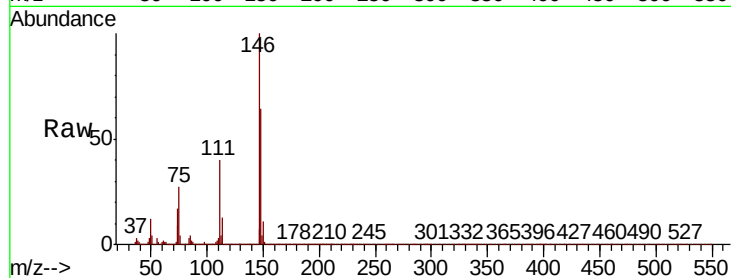




#13
 1,4-Dichlorobenzene
 Concen: 41.537 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

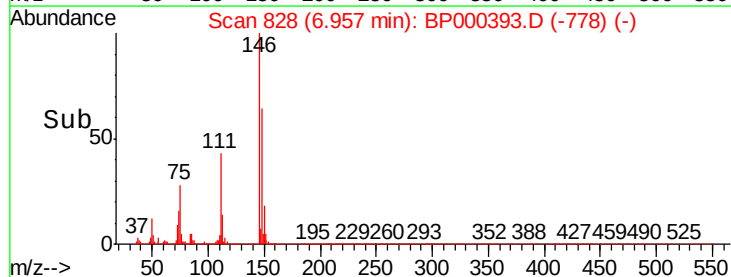
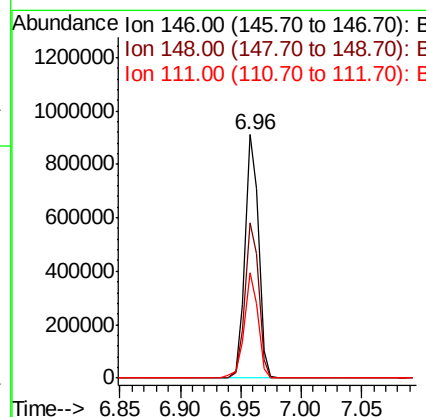
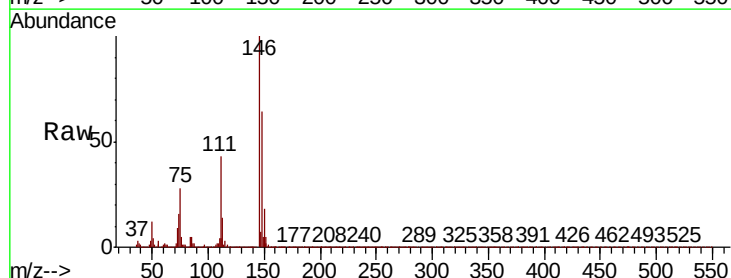
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-091919MSD

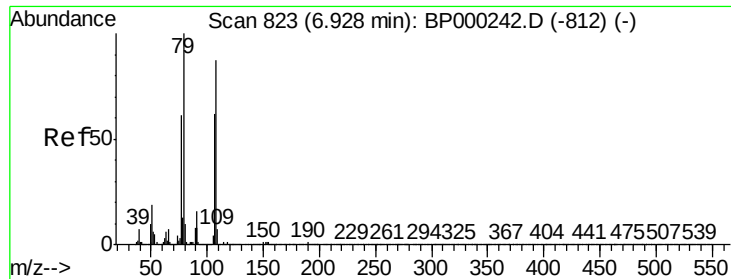
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	40.2	34.1	51.1



#14
 1,2-Dichlorobenzene
 Concen: 42.133 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	43.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 43.409 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

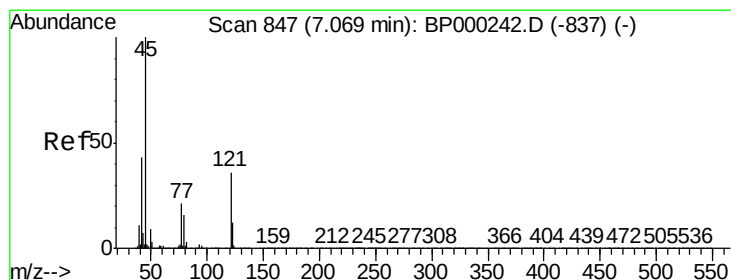
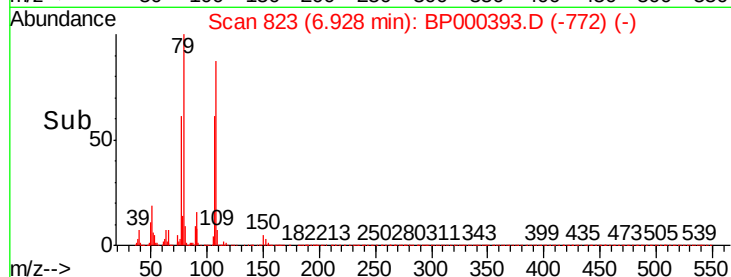
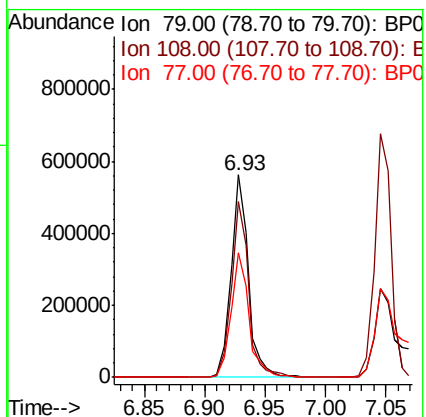
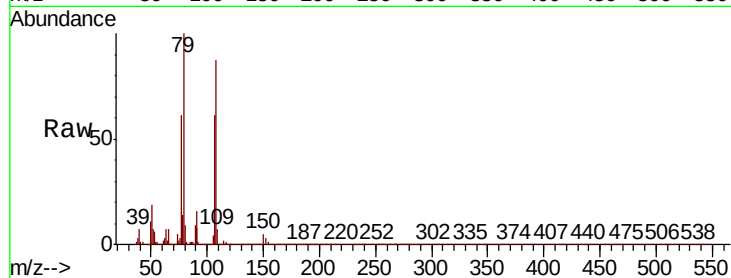
Tot Ion: 79 Resp: 561555

Ion Ratio Lower Upper

79 100

108 87.0 69.2 103.8

77 61.3 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.680 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

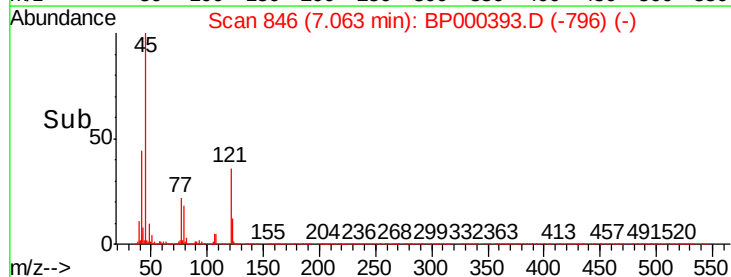
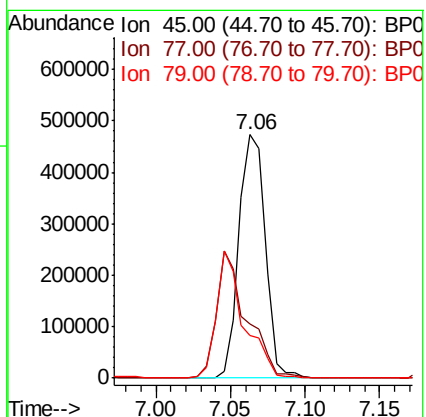
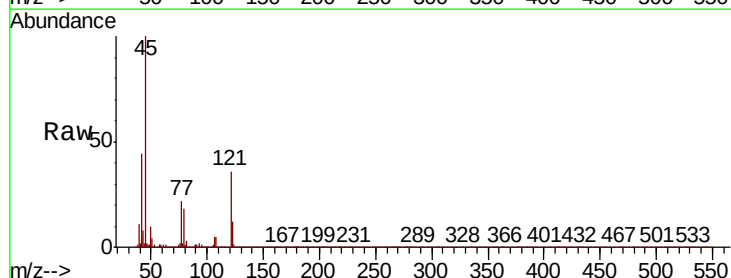
Tgt Ion: 45 Resp: 581834

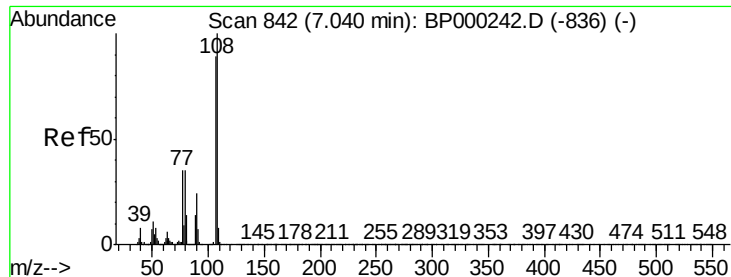
Ion Ratio Lower Upper

45 100

77 22.4 0.7 40.7

79 17.5 0.0 36.4

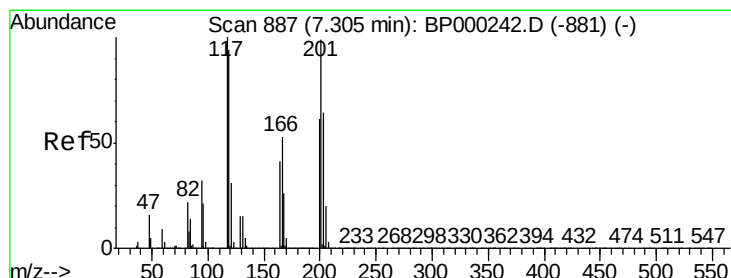
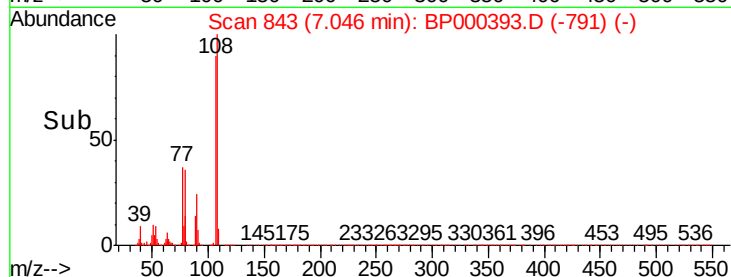
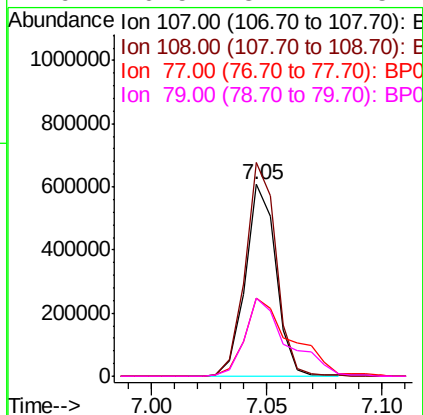
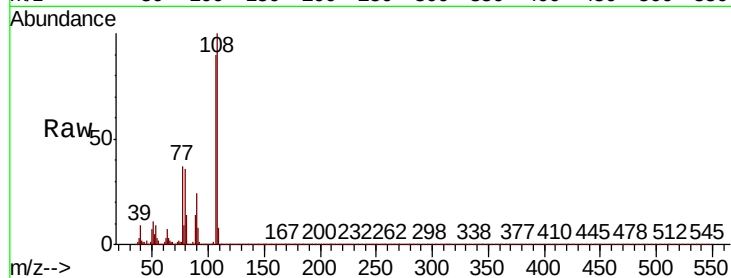




#17
2-Methylphenol
Concen: 42.295 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

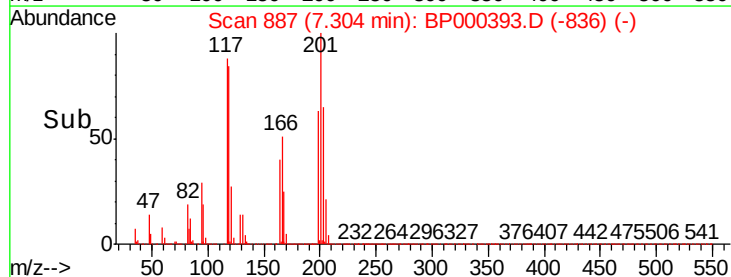
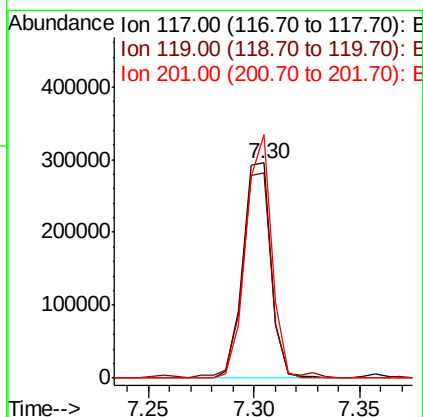
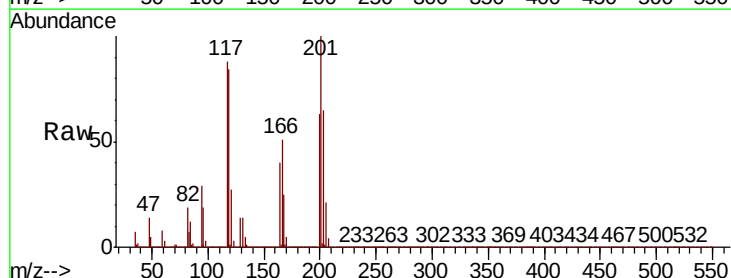
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

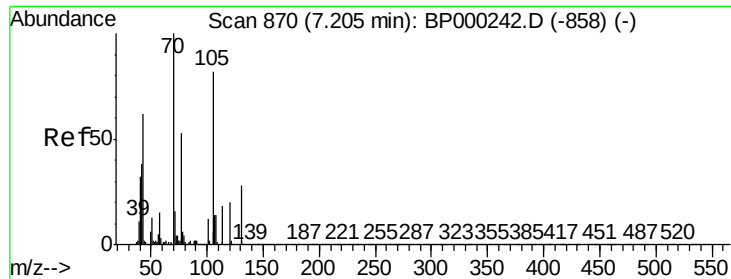
Tot Ion:	107	Resp:	565702
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.1	135.1
77	40.7	31.5	47.3
79	40.5	32.2	48.2



#18
Hexachloroethane
Concen: 39.439 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:	117	Resp:	272122
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.6	113.4
201	113.3	79.4	119.2

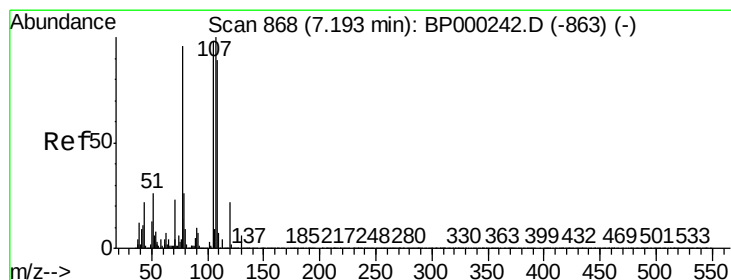
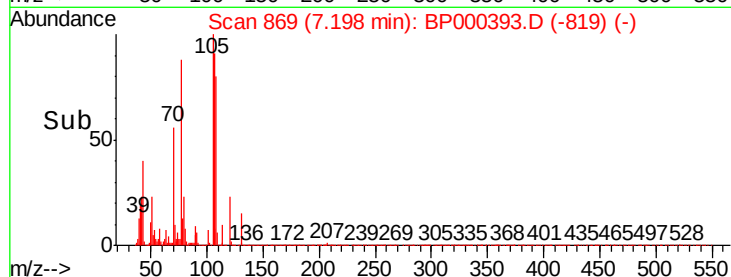
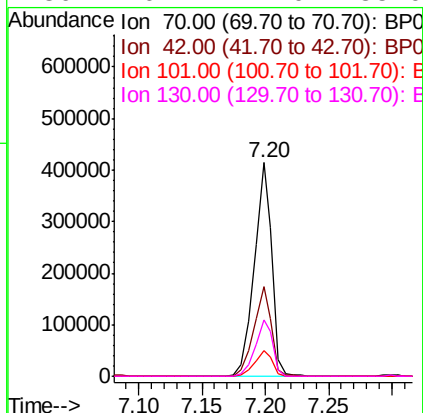
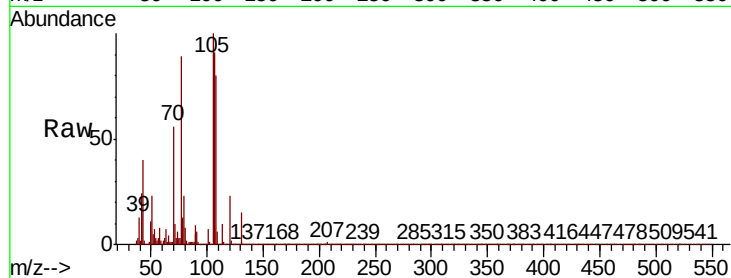




#19
n-Nitroso-di-n-propylamine
Concen: 42.502 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

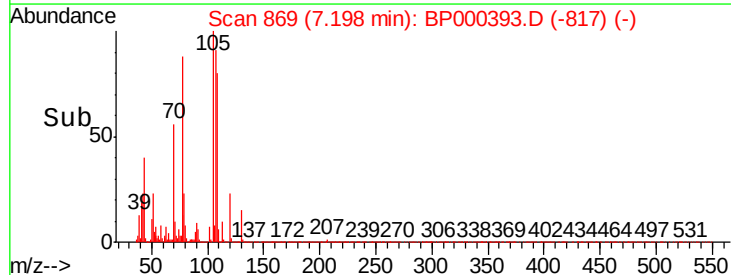
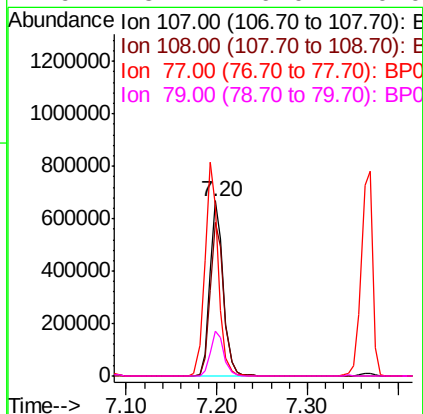
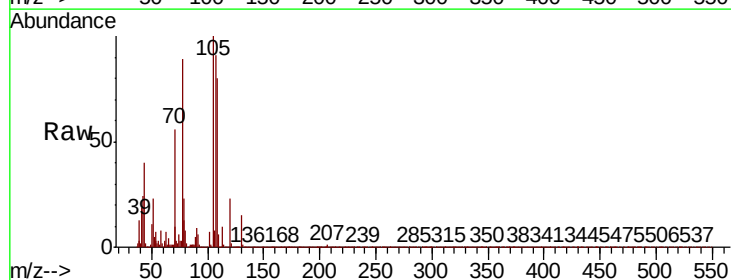
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

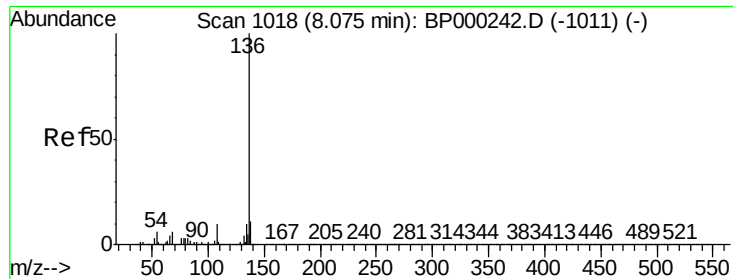
Tot Ion:	70	Resp:	399470
Ion	Ratio	Lower	Upper
70	100		
42	41.7	30.7	46.1
101	12.0	9.6	14.4
130	26.4	22.0	33.0



#20
3+4-Methylphenols
Concen: 42.942 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:	107	Resp:	694545
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.8	108.8
77	97.3	75.7	115.7
79	25.4	6.0	46.0

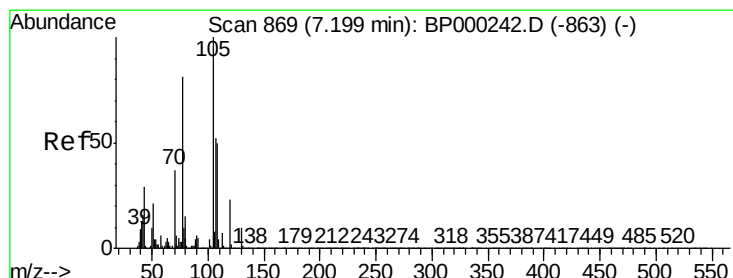
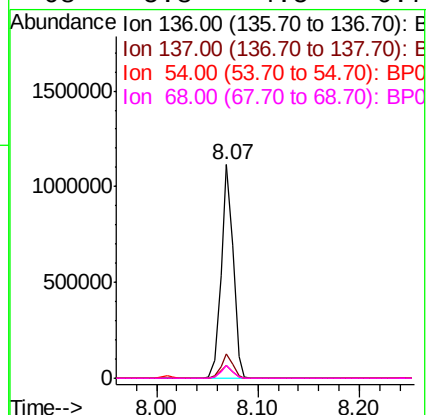
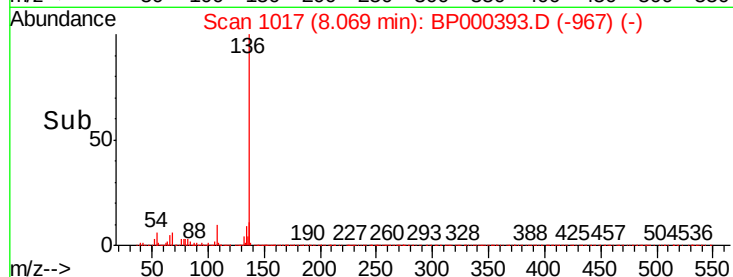
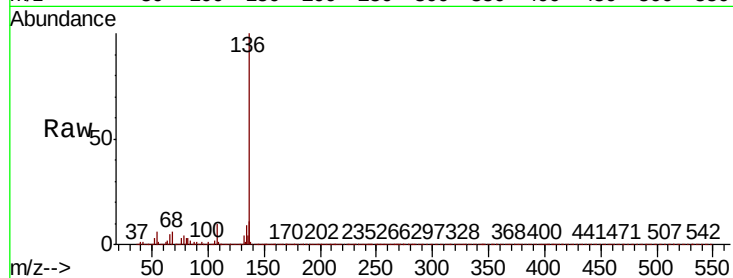




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

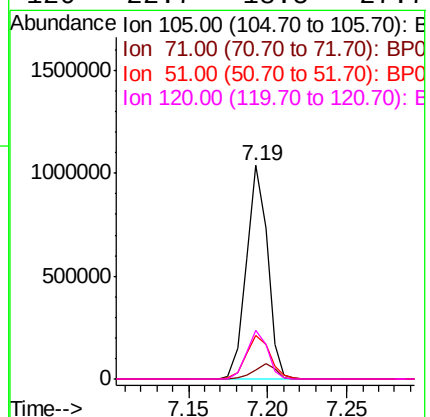
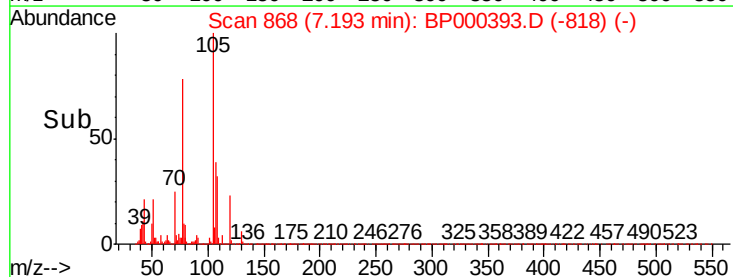
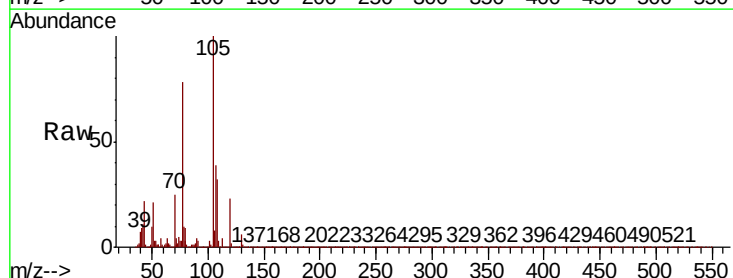
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

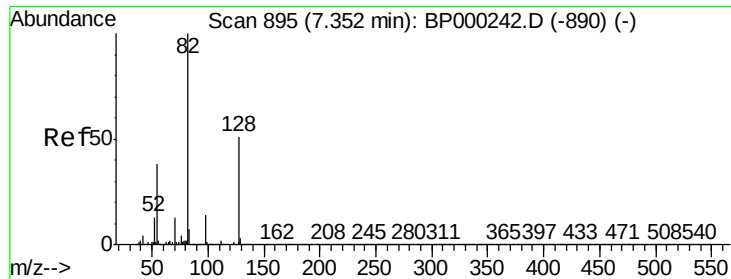
Tot Ion:136	Resp:	909345
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	5.9	4.5 6.7
68	5.8	4.5 6.7



#22
Acetophenone
Concen: 48.770 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:105	Resp:	961090
Ion Ratio	Lower	Upper
105	100	
71	4.3	5.2 7.8#
51	20.5	16.6 24.8
120	22.7	18.5 27.7

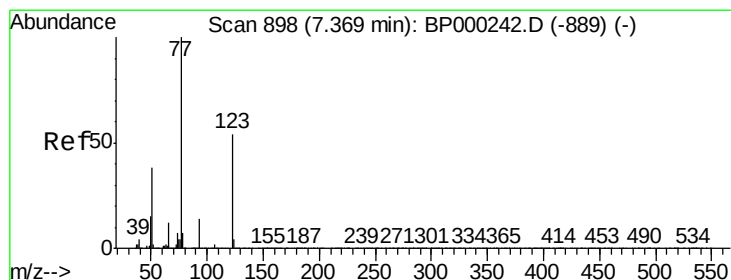
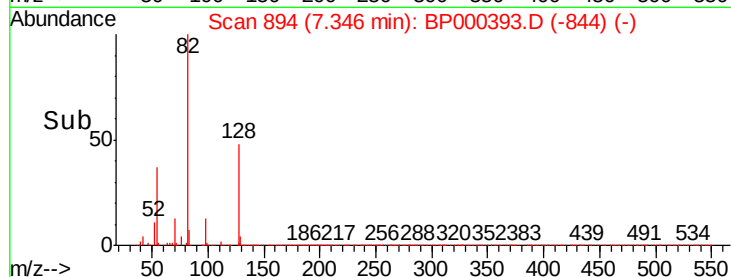
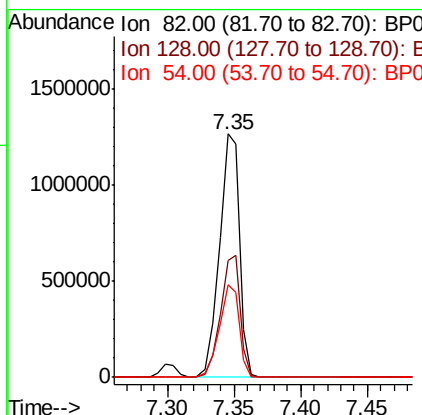
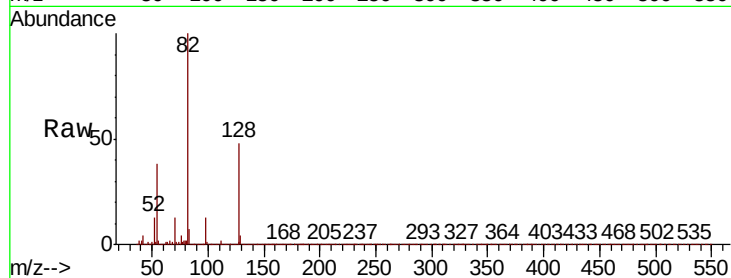




#23
Nitrobenzene-d5
Concen: 95.306 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

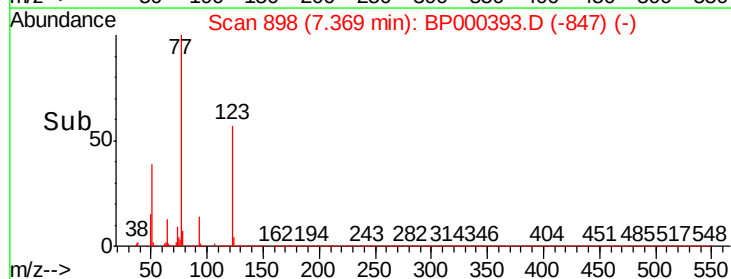
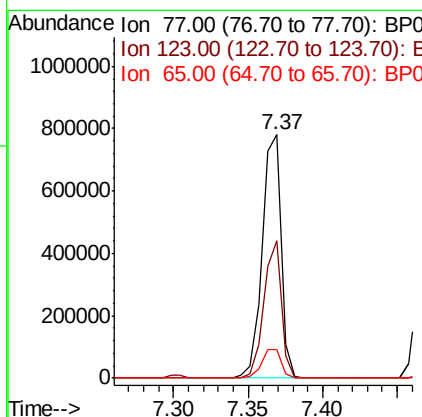
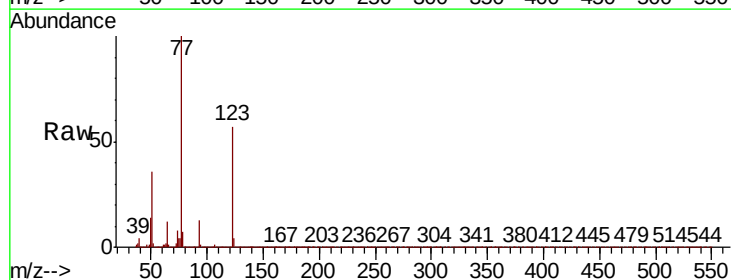
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

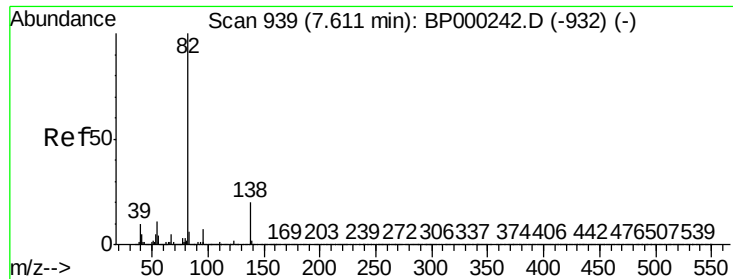
Tot Ion: 82 Resp: 1343256
Ion Ratio Lower Upper
82 100
128 48.0 40.7 61.1
54 38.1 30.1 45.1



#24
Nitrobenzene
Concen: 45.875 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion: 77 Resp: 671576
Ion Ratio Lower Upper
77 100
123 56.7 43.1 64.7
65 11.8 9.4 14.2





#25

Isophorone

Concen: 45.288 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

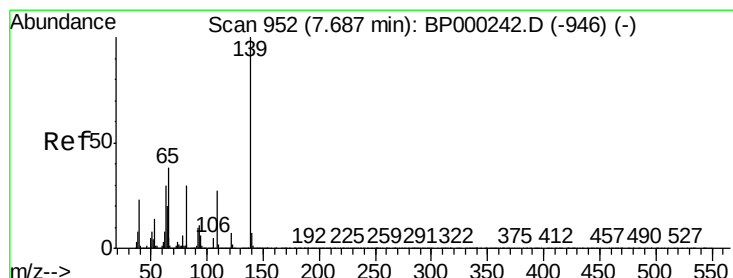
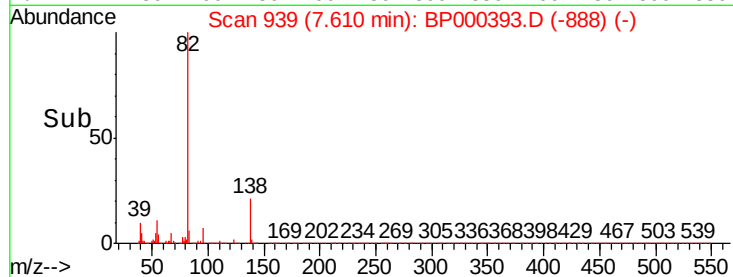
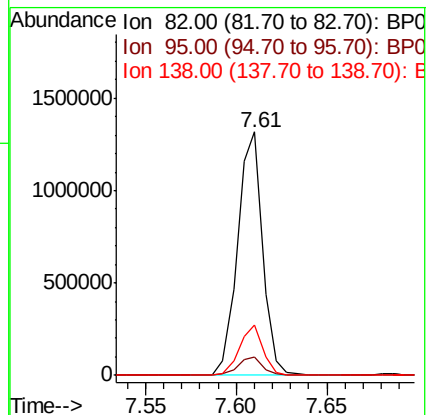
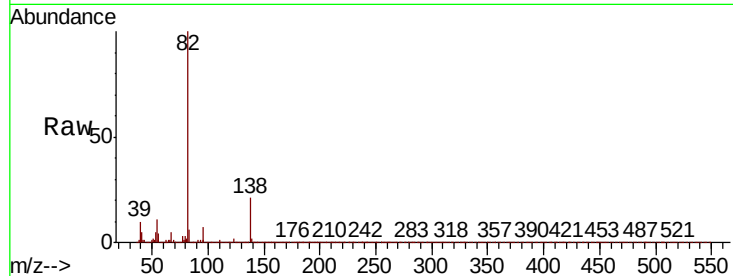
Tot Ion: 82 Resp: 1263907

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	20.8	15.9	23.9

82 100

95 7.3 5.9 8.9

138 20.8 15.9 23.9



#26

2-Nitrophenol

Concen: 47.242 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

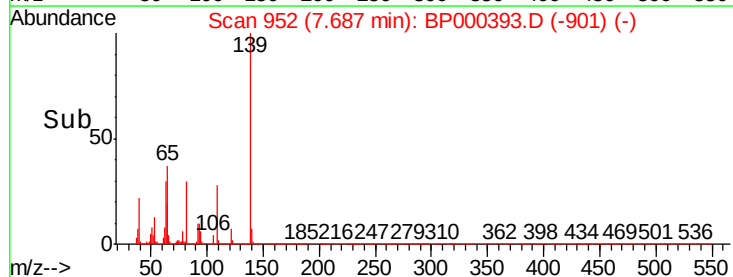
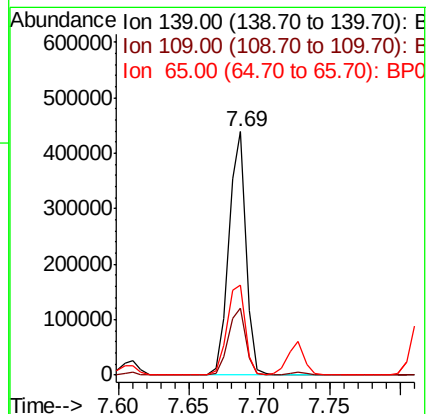
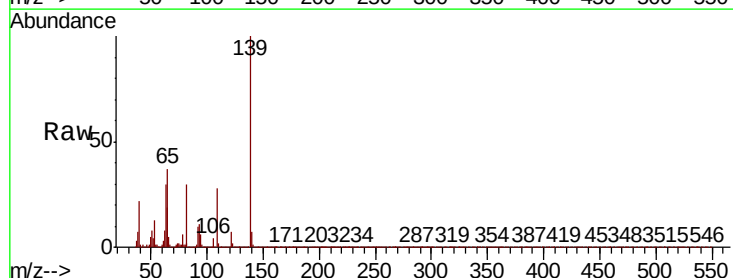
Tgt Ion: 139 Resp: 366635

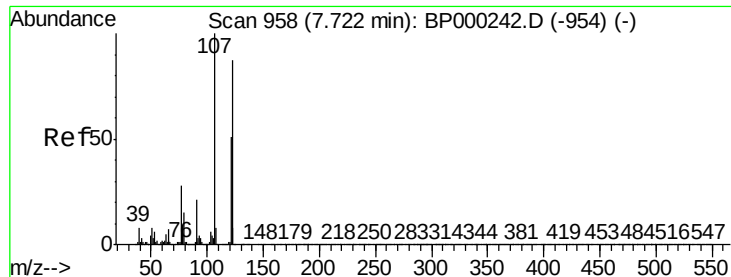
Ion	Ratio	Lower	Upper
139	100		
109	27.8	21.8	32.6
65	37.0	30.5	45.7

139 100

109 27.8 21.8 32.6

65 37.0 30.5 45.7

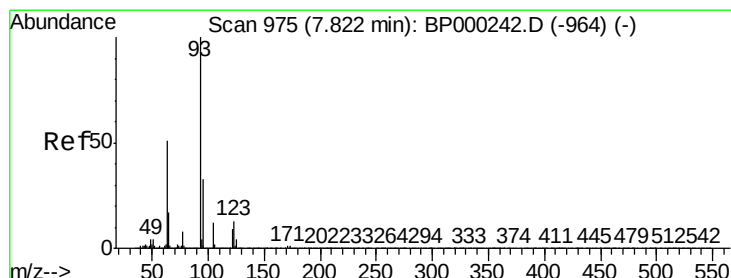
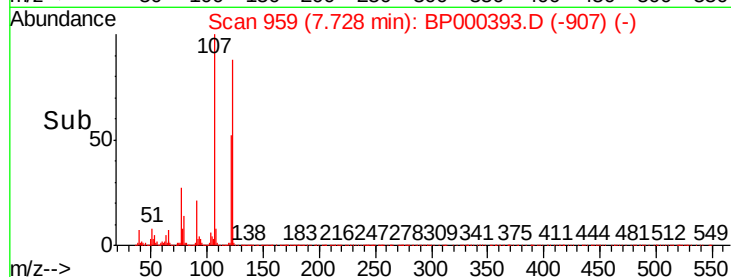
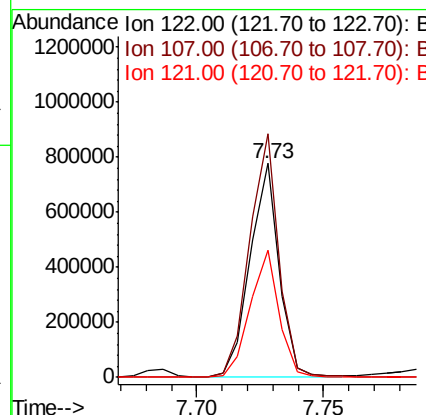
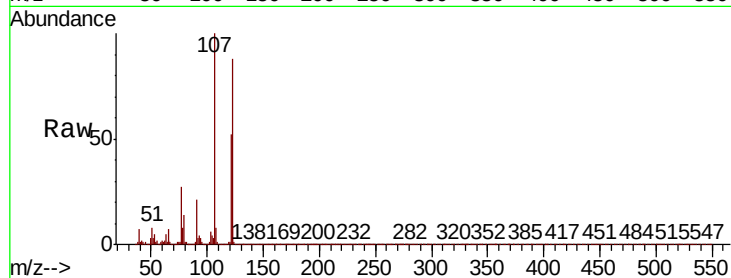




#27
2,4-Dimethylphenol
Concen: 50.208 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

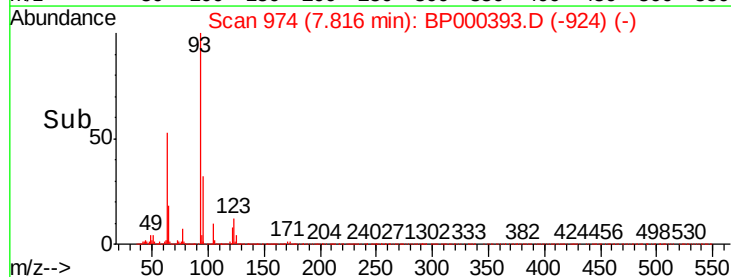
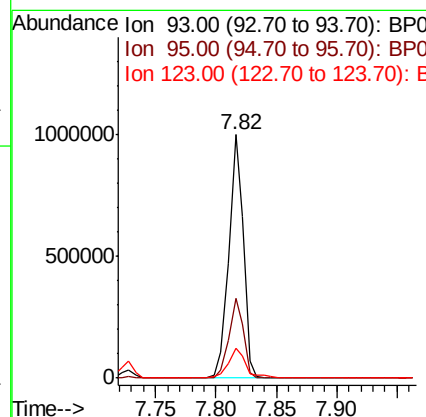
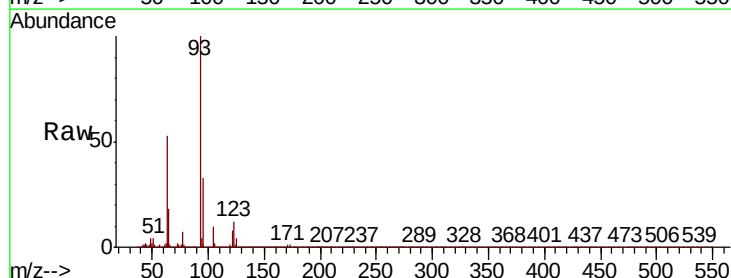
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

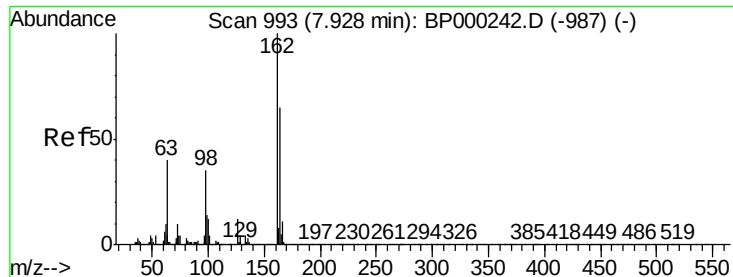
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.5	137.3
121	59.1	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.245 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	12.3	10.2	15.2

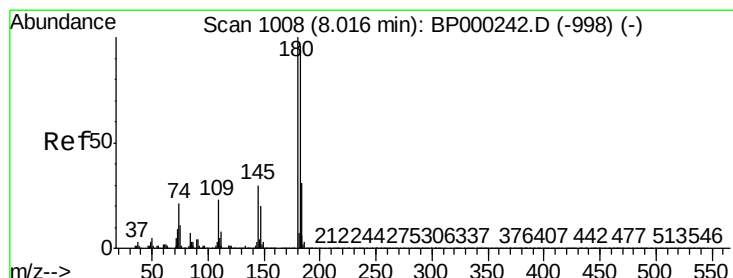
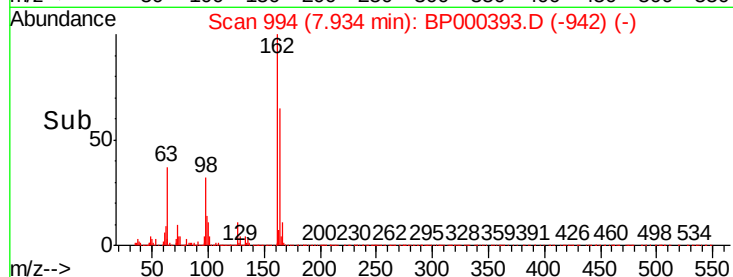
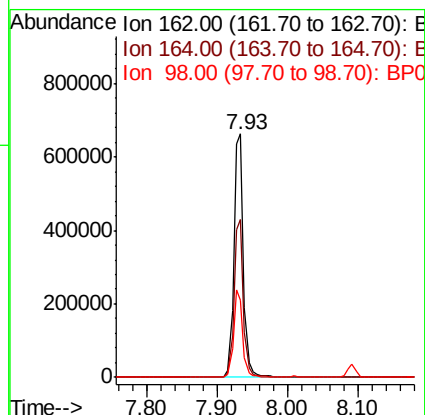
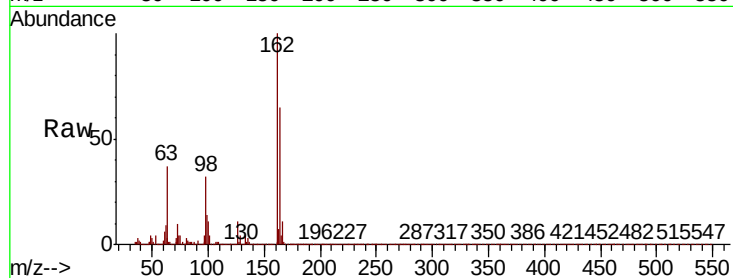




#29
2,4-Dichlorophenol
Concen: 47.438 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

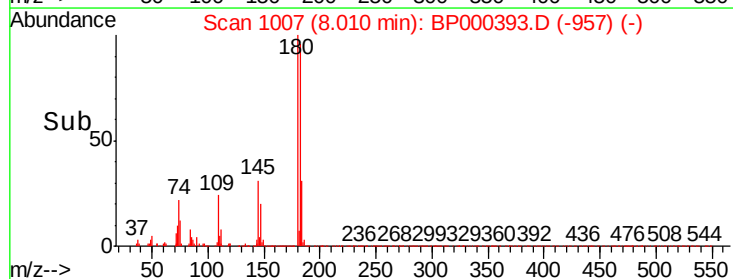
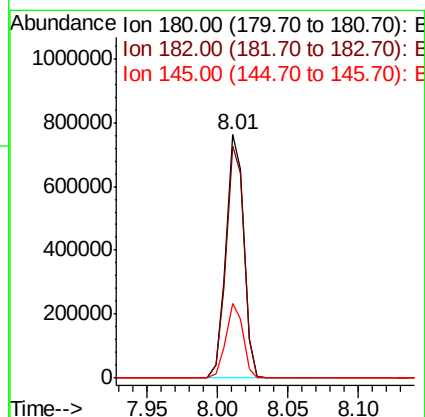
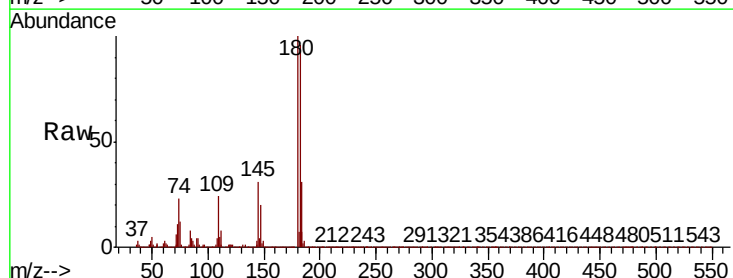
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

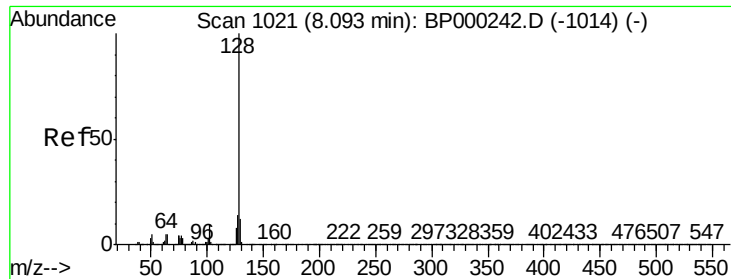
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.5	84.5
98	31.9	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 43.979 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.2	115.8
145	30.9	24.3	36.5

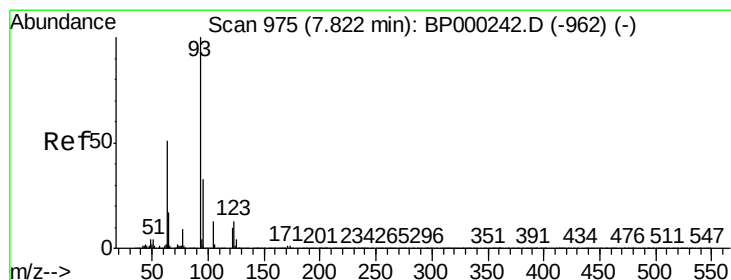
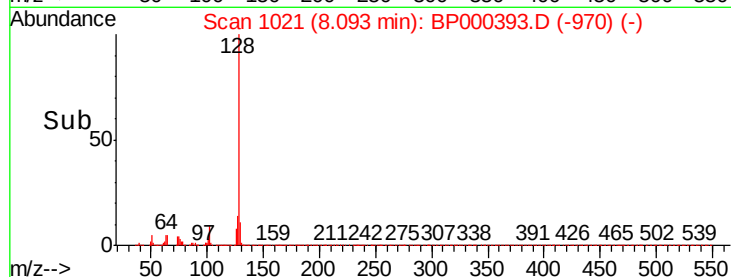
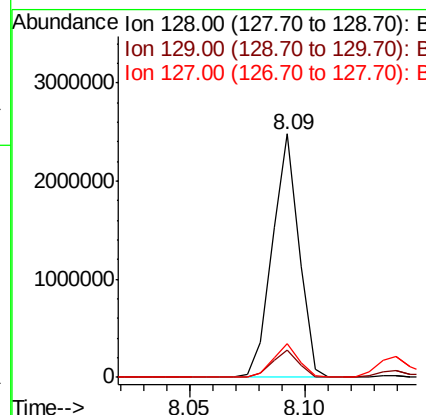
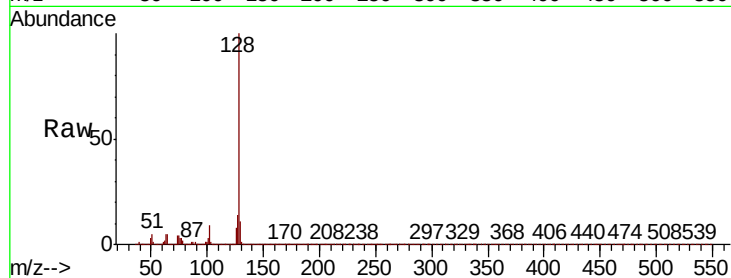




#31
Naphthalene
Concen: 47.118 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

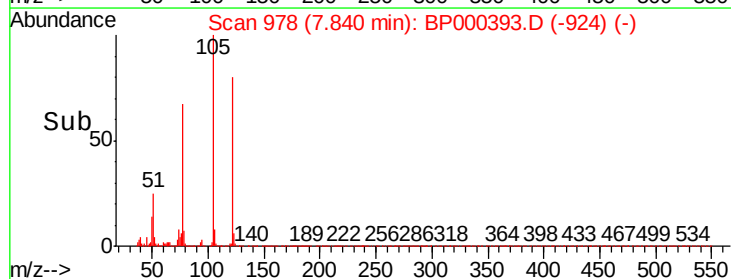
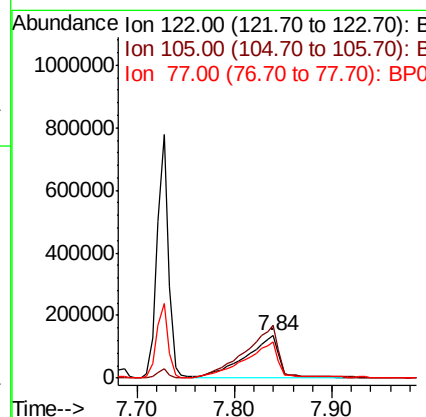
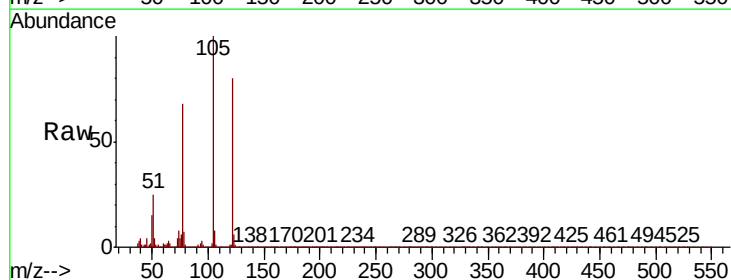
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

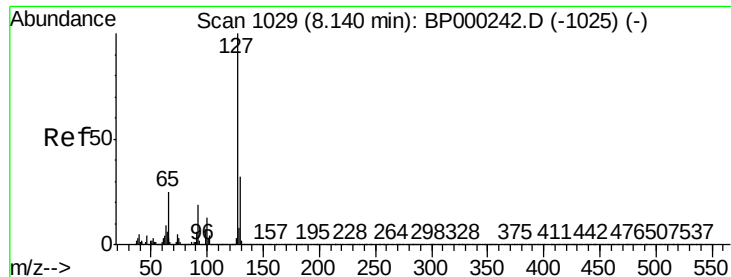
Tot Ion:128 Resp: 1984357
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 38.625 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:122 Resp: 322399
Ion Ratio Lower Upper
122 100
105 124.5 105.4 145.4
77 85.0 65.3 105.3

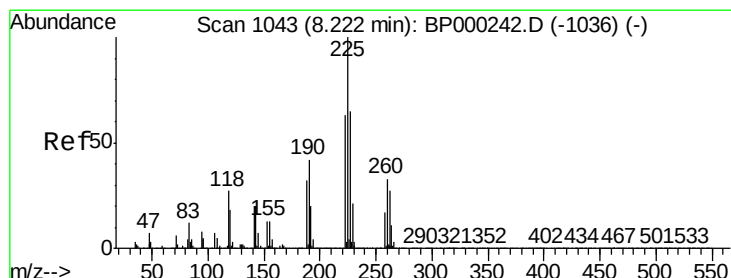
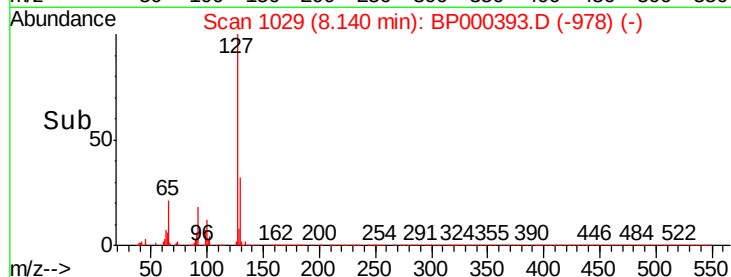
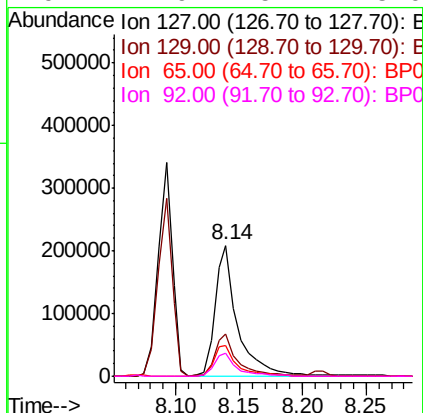
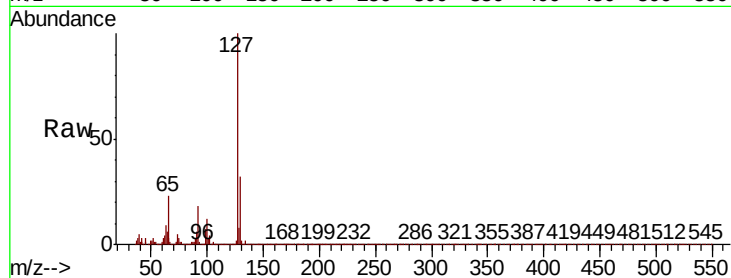




#33
4-Chloroaniline
Concen: 13.316 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

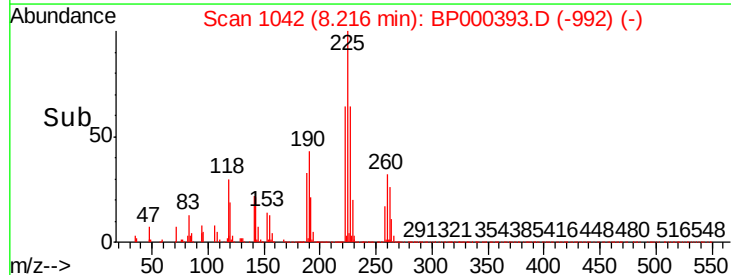
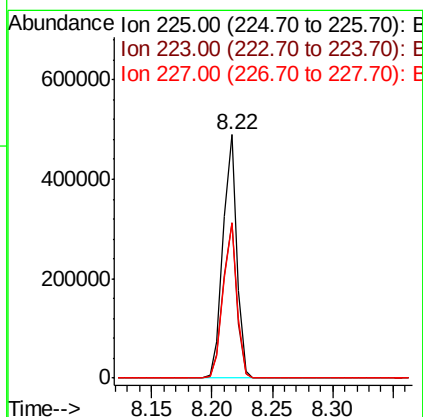
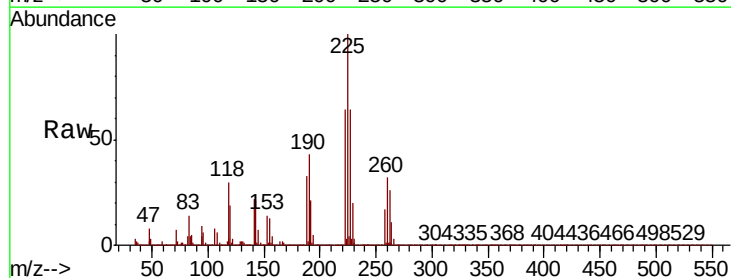
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

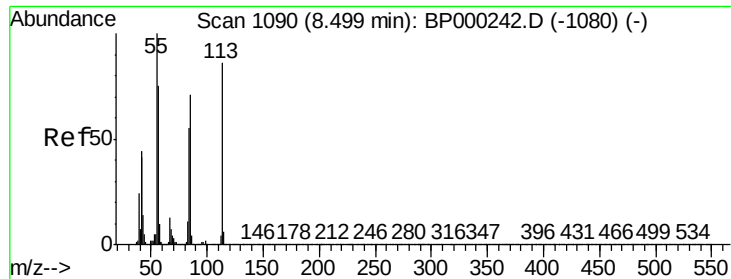
Tot Ion:	127	Resp:	253794
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	23.5	19.9	29.9
92	17.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.685 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:	225	Resp:	384083
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	63.8	51.8	77.6

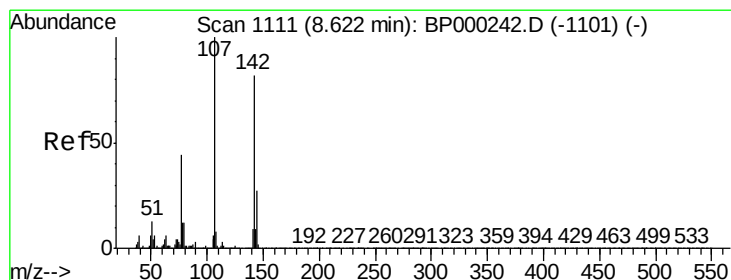
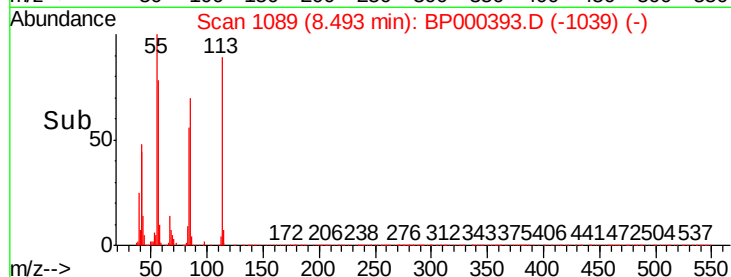
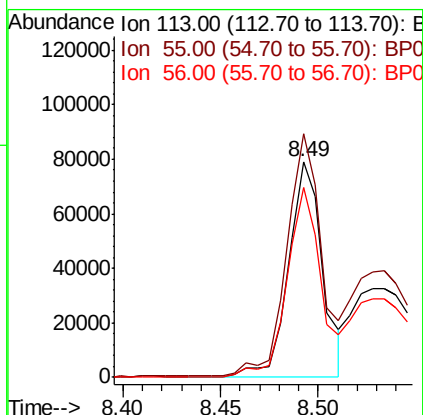
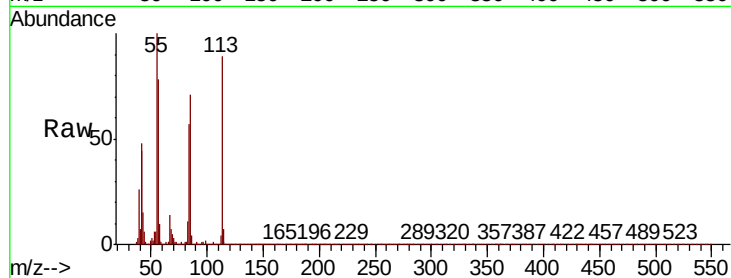




#35
Caprolactam
Concen: 21.045 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

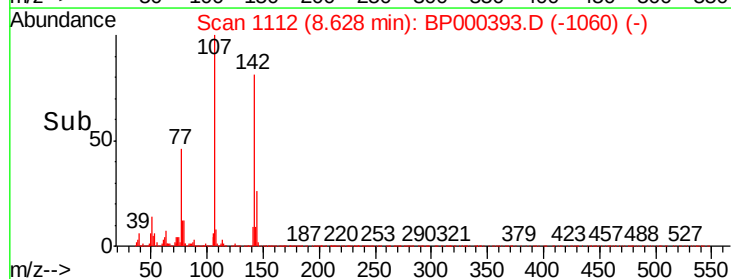
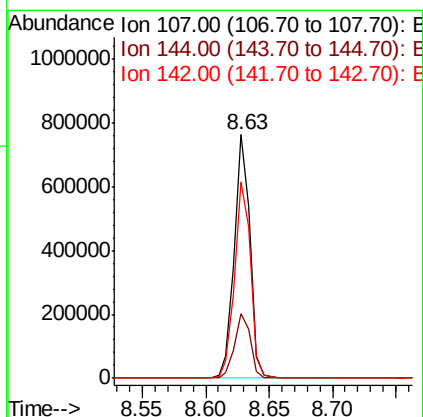
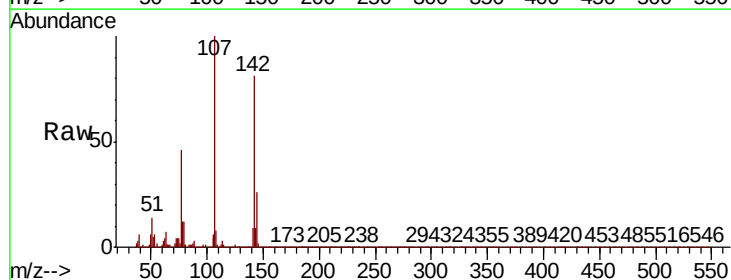
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

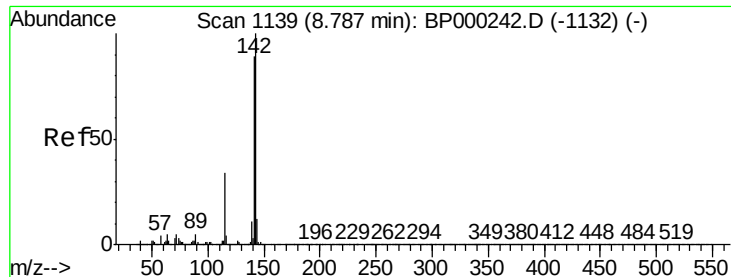
Tot Ion:113 Resp: 94854
Ion Ratio Lower Upper
113 100
55 112.9 96.8 136.8
56 88.1 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 47.634 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:107 Resp: 640678
Ion Ratio Lower Upper
107 100
144 26.3 21.5 32.3
142 80.7 65.7 98.5



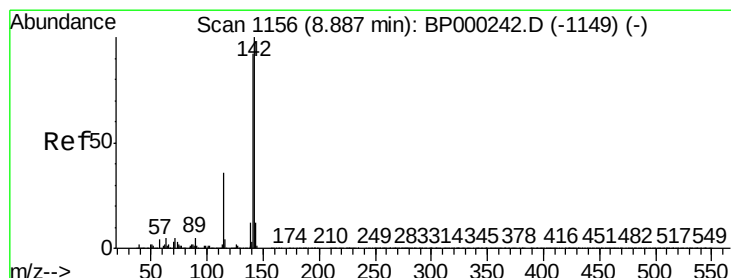
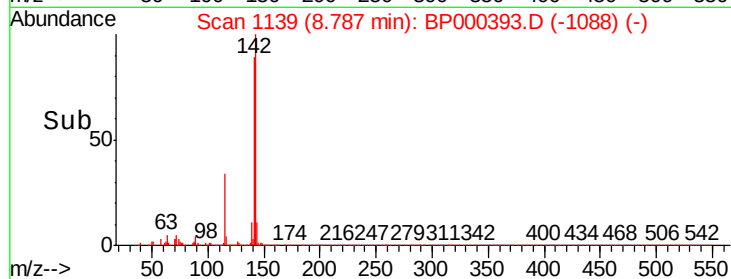
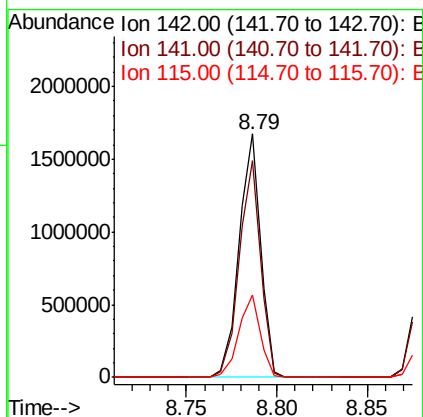
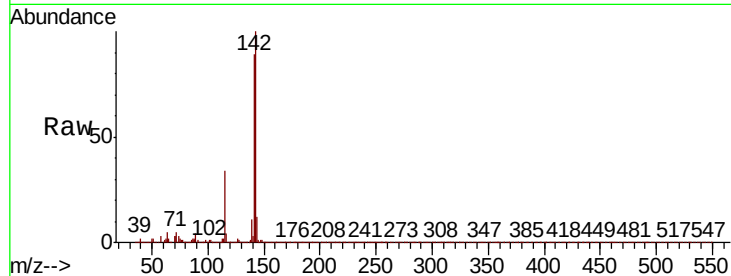


#37
 2-Methylnaphthalene
 Concen: 47.890 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-091919MSD

Tot Ion:142 Resp: 1378744

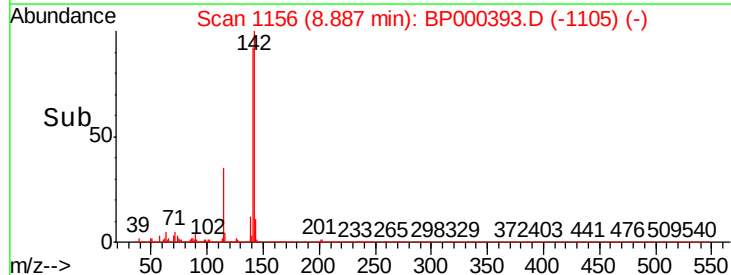
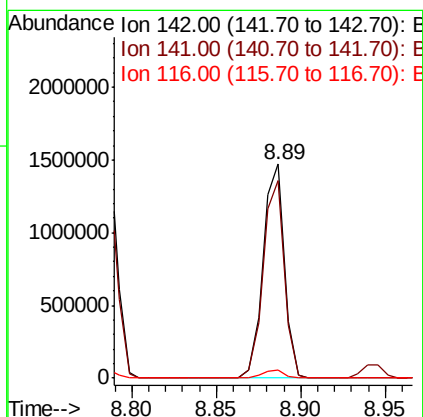
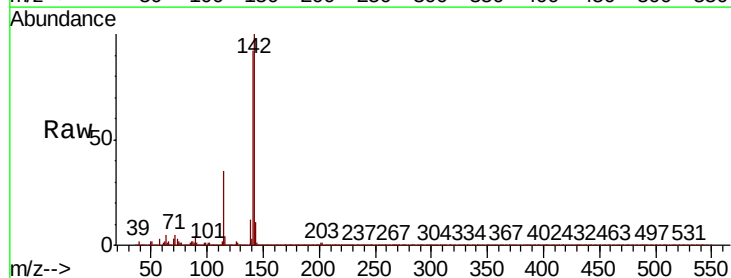
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	33.9	27.2	40.8

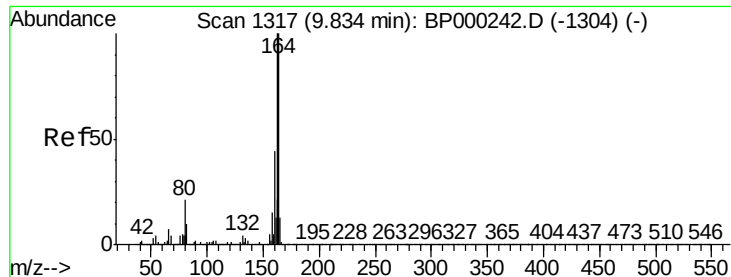


#38
 1-Methylnaphthalene
 Concen: 47.317 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

Tgt Ion:142 Resp: 1276087

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

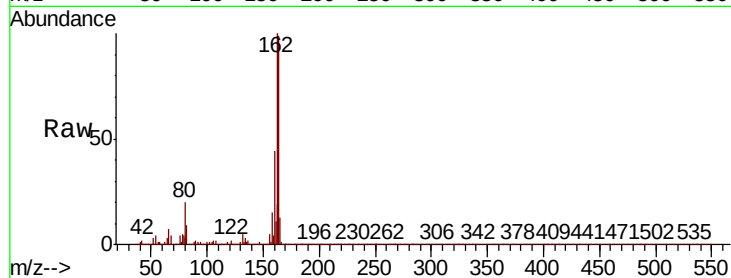
Tot Ion:164 Resp: 397044

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 44.5 35.6 53.4

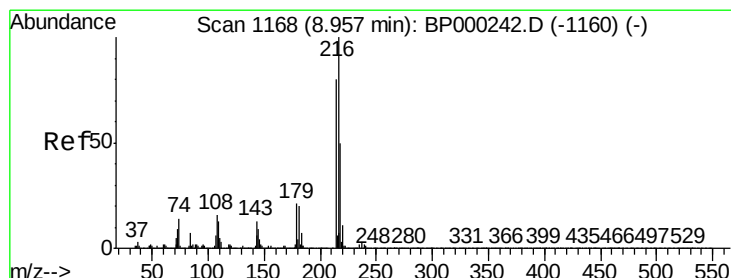
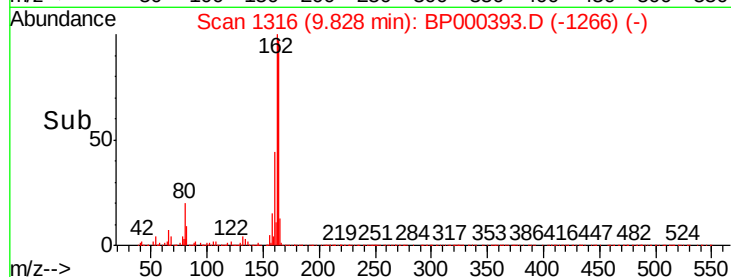
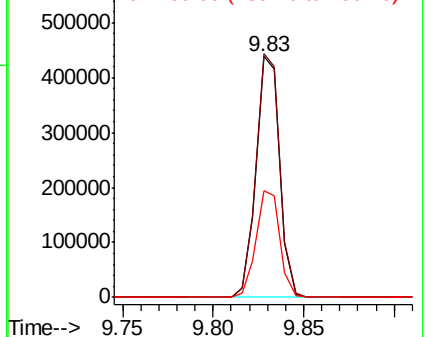


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.059 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Tgt Ion:216 Resp: 670442

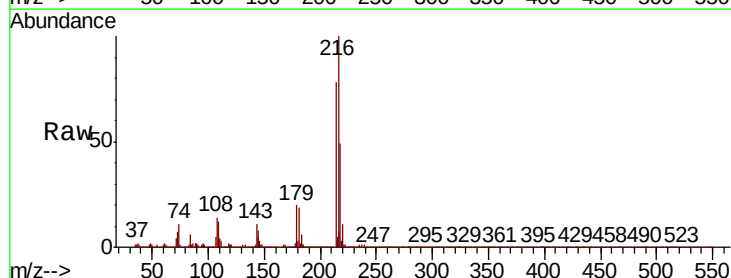
Ion Ratio Lower Upper

216 100

214 79.1 63.6 95.4

179 20.8 17.0 25.4

108 19.4 15.1 22.7



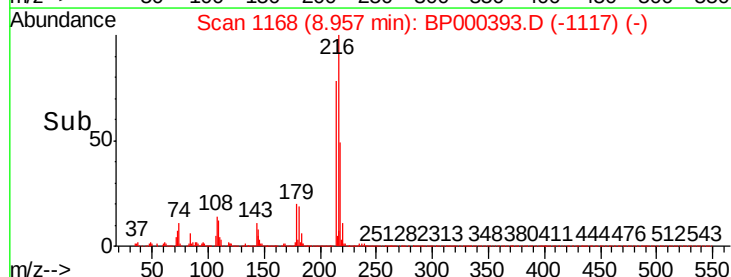
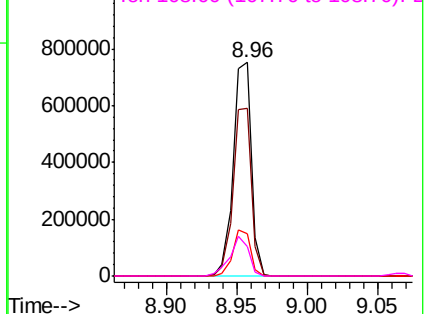
Abundance

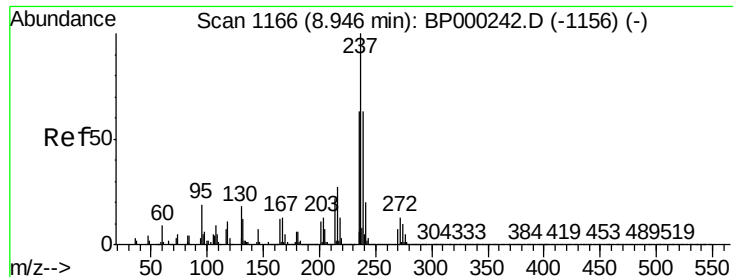
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.983 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

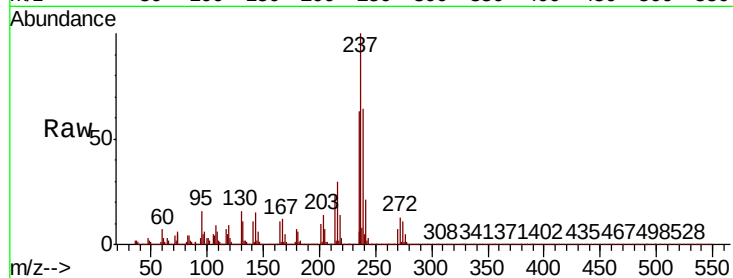
BNA_P

ClientSampleId :

EO-01-091919MSD

Tot Ion:237 Resp: 632210

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.5	83.5
272	13.4	0.0	33.0

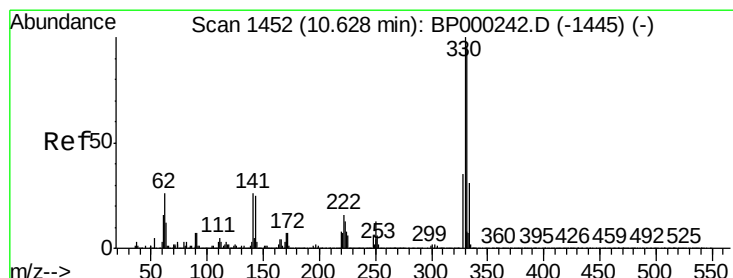
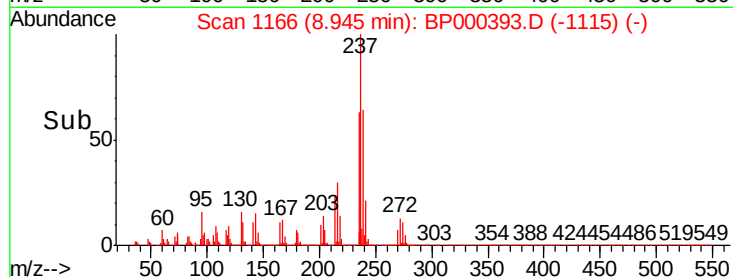
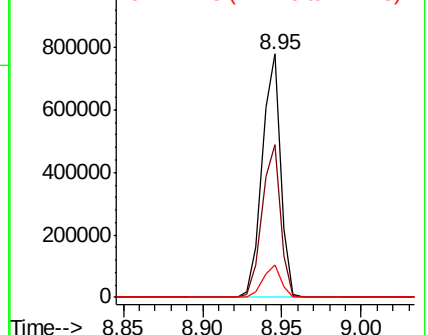


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 164.050 ng

RT: 10.63 min Scan# 1452

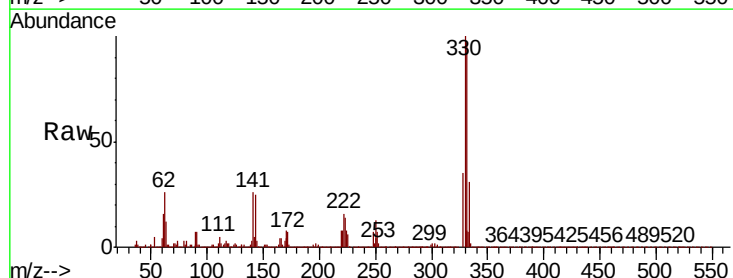
Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Tgt Ion:330 Resp: 646050

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	29.7	26.5	39.7

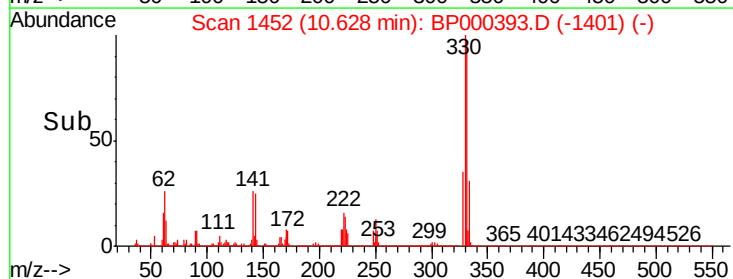
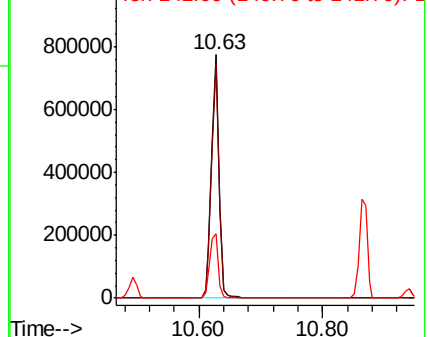


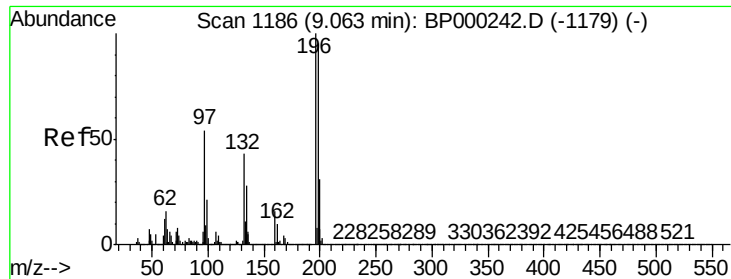
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

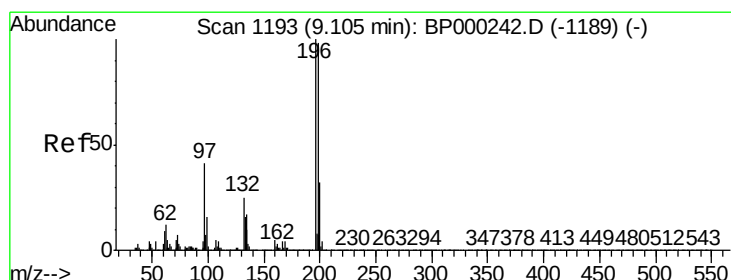
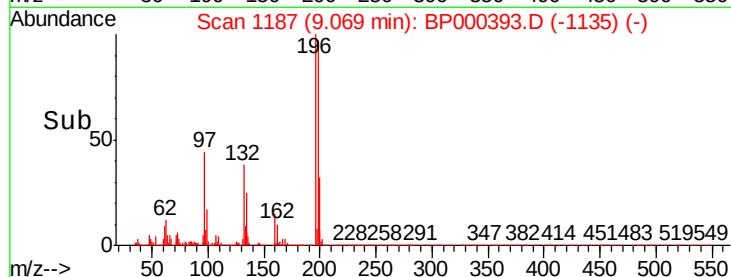
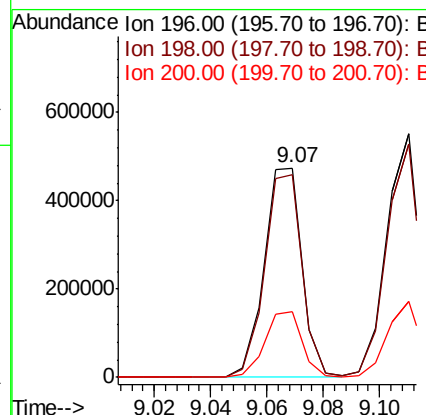
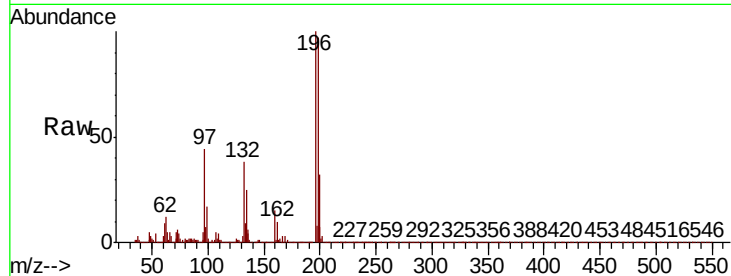




#43
2,4,6-Trichlorophenol
Concen: 56.038 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

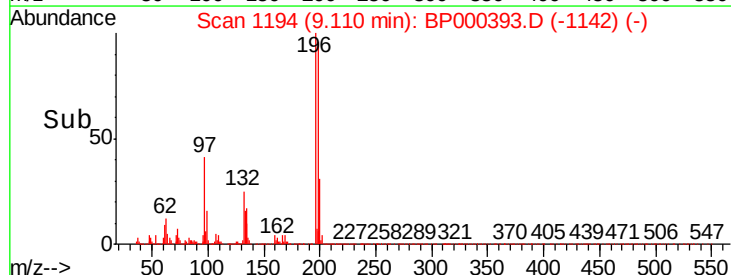
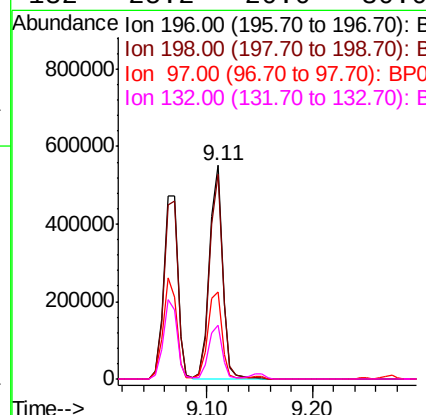
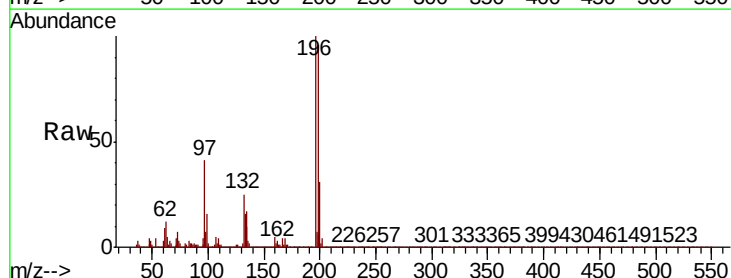
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

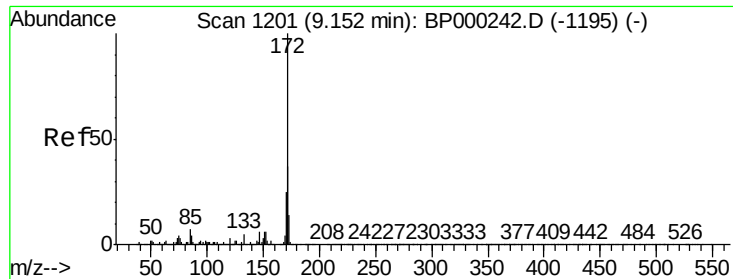
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.0	114.0
200	31.5	24.6	37.0



#44
2,4,5-Trichlorophenol
Concen: 59.110 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.1	117.1
97	40.9	33.3	49.9
132	25.2	20.0	30.0

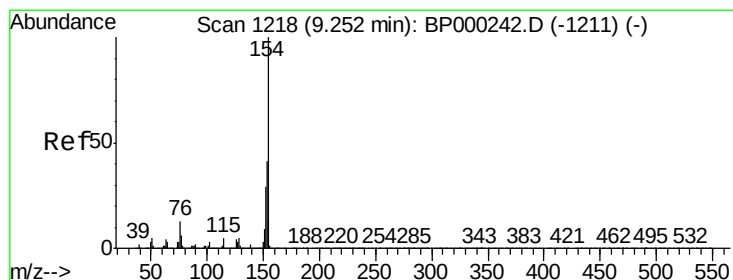
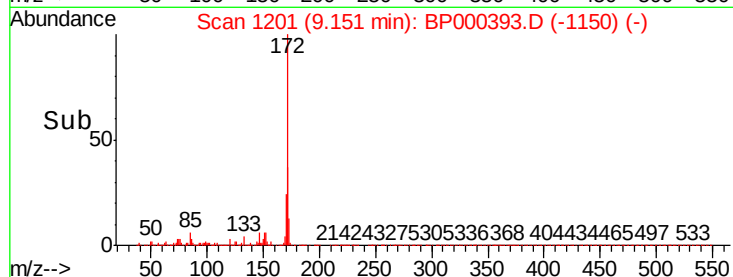
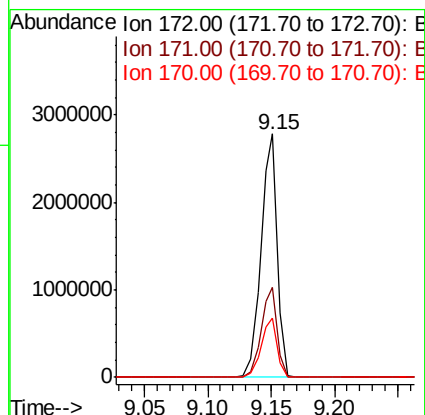
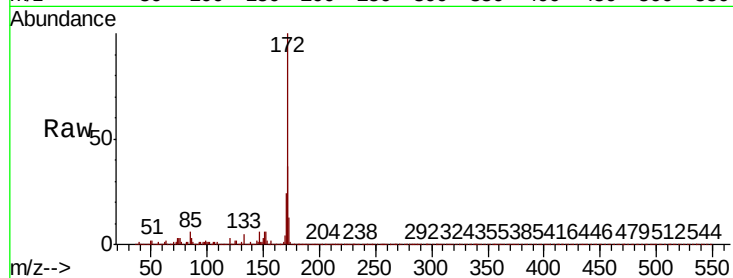




#45
2-Fluorobiphenyl
Concen: 113.655 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

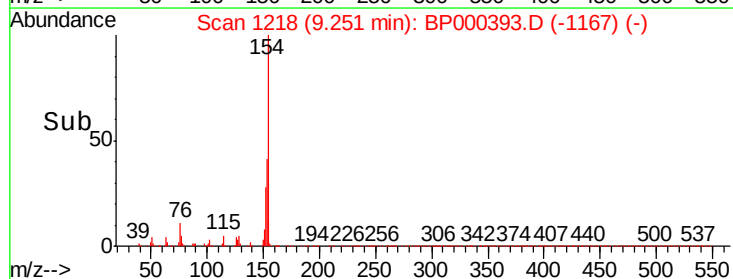
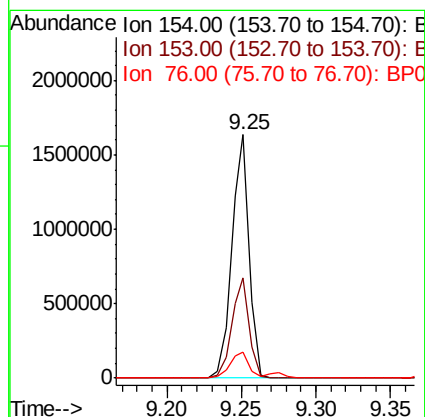
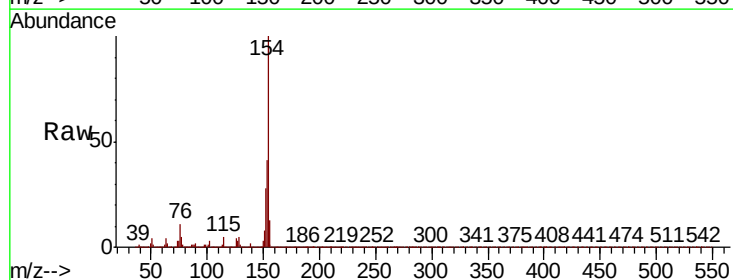
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

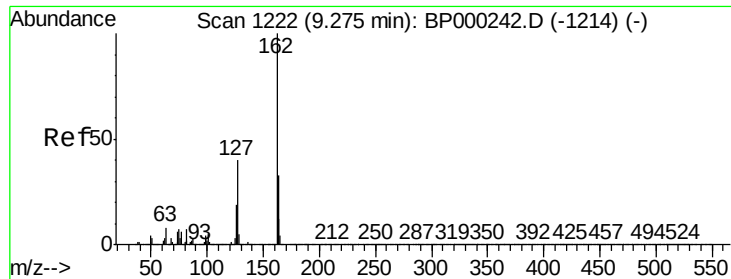
Tot Ion:172 Resp: 2507269
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 48.657 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:154 Resp: 1336462
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 10.6 0.0 33.4

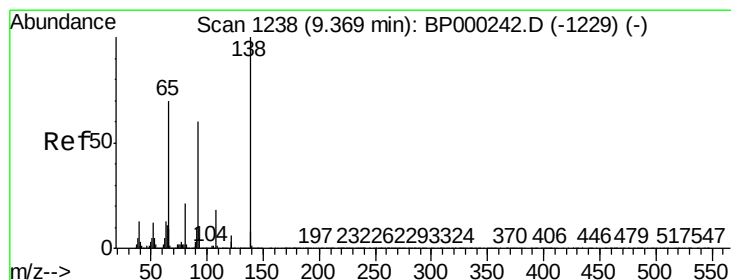
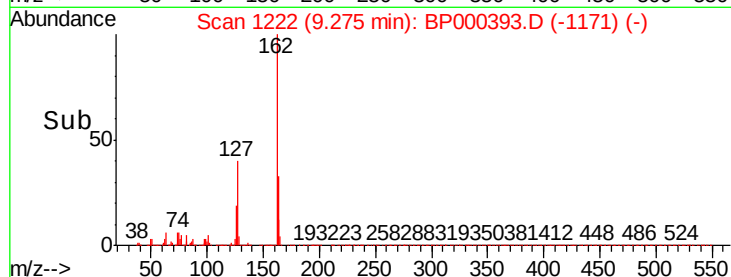
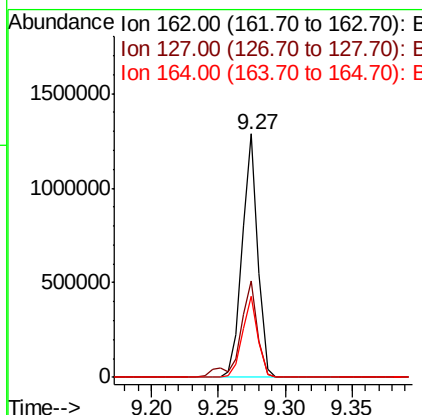
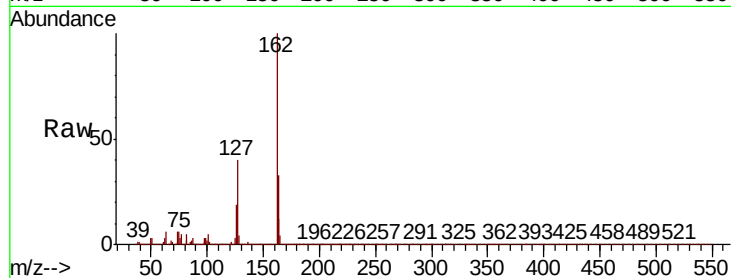




#47
2-Chloronaphthalene
Concen: 45.085 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

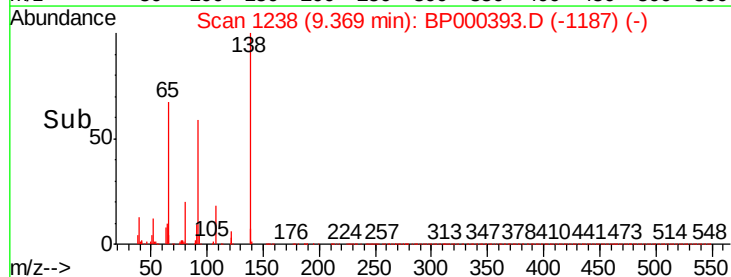
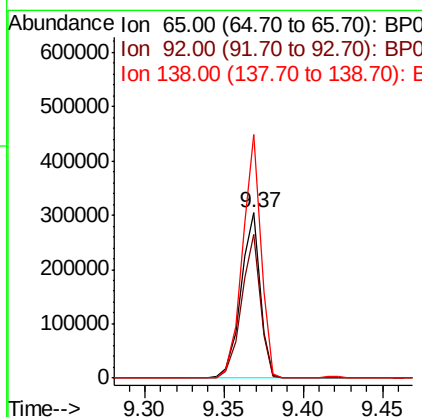
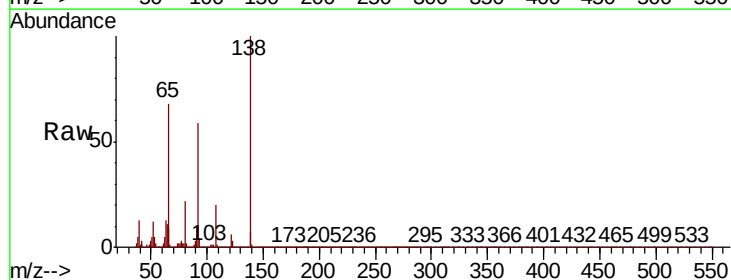
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

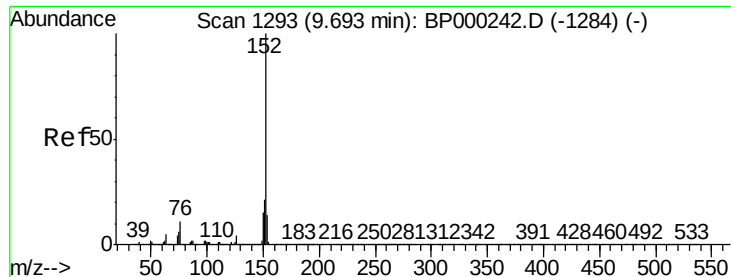
Tot Ion:162 Resp: 1038799
Ion Ratio Lower Upper
162 100
127 39.6 32.4 48.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 43.567 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion: 65 Resp: 254917
Ion Ratio Lower Upper
65 100
92 86.6 68.7 103.1
138 147.2 114.4 171.6





#49

Acenaphthylene

Concen: 47.595 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

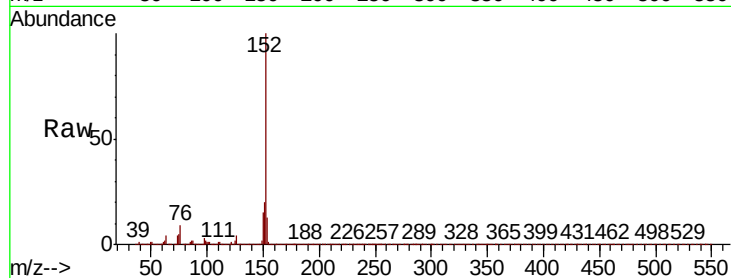
Tot Ion:152 Resp: 1648431

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.2	11.0	16.4

152 100

151 20.5 16.4 24.6

153 13.2 11.0 16.4

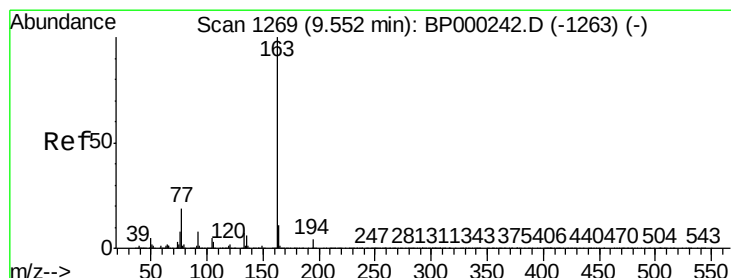
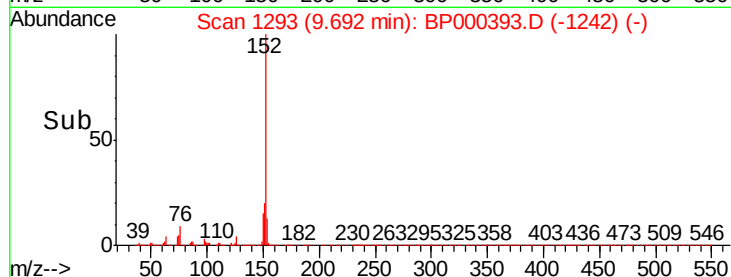
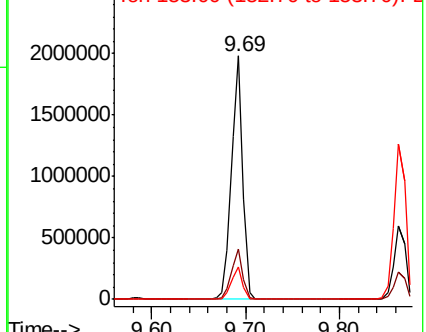


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.294 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

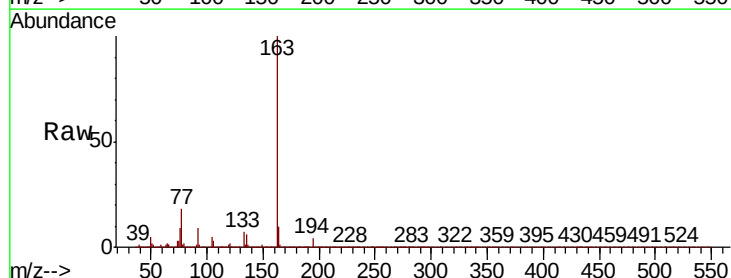
Tgt Ion:163 Resp: 1468727

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.4	8.5	12.7

163 100

194 4.4 3.4 5.0

164 10.4 8.5 12.7

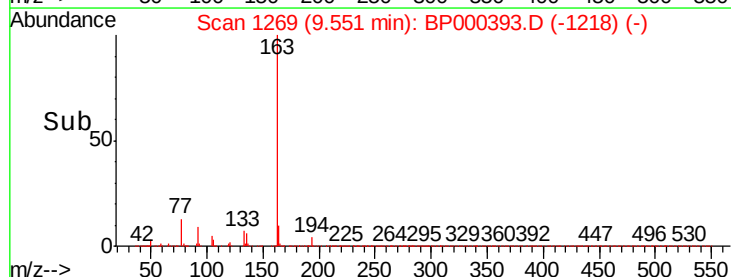
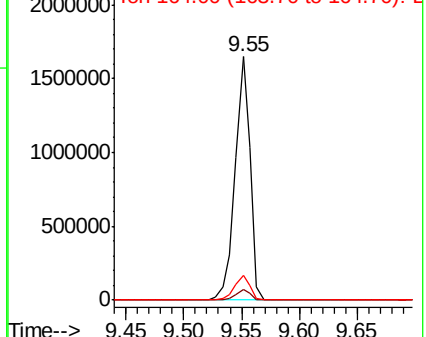


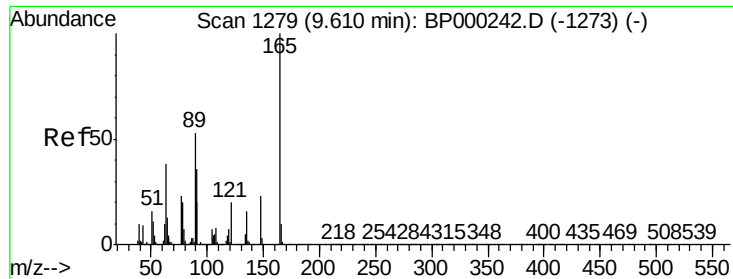
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

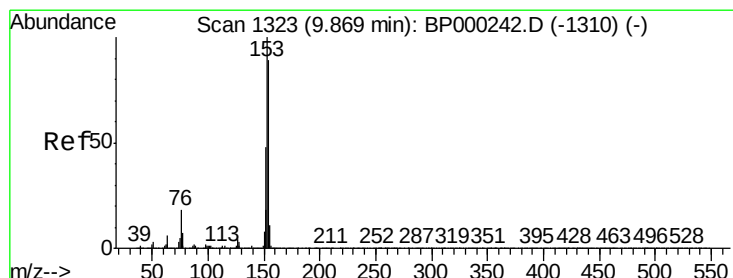
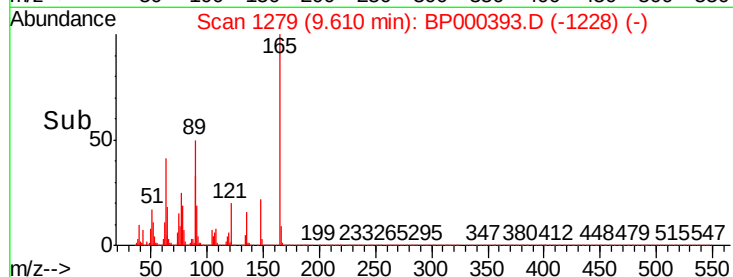
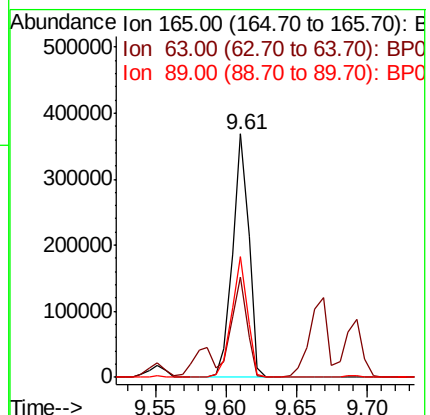
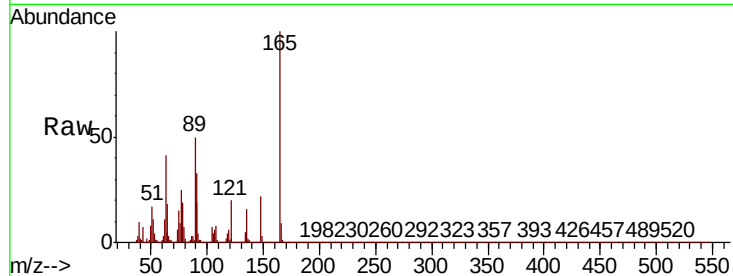




#51
 2,6-Dinitrotoluene
 Concen: 49.377 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

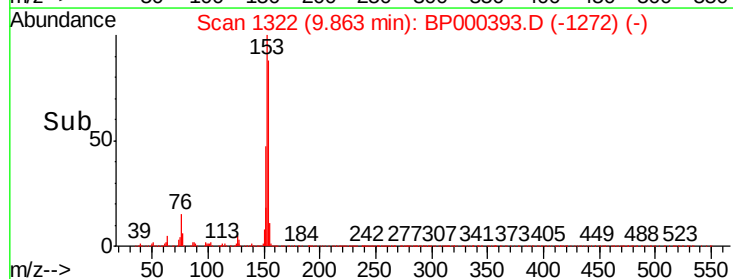
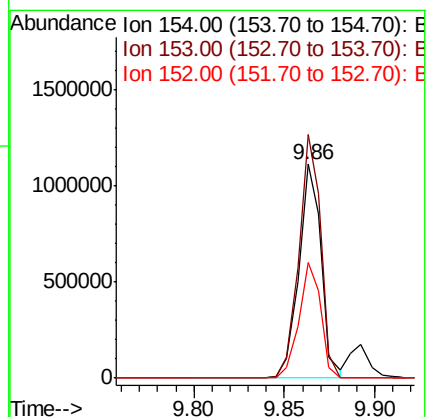
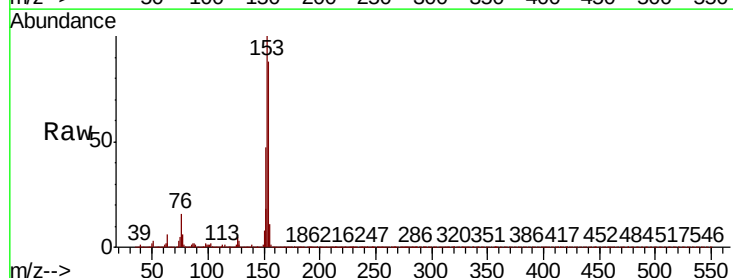
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-091919MSD

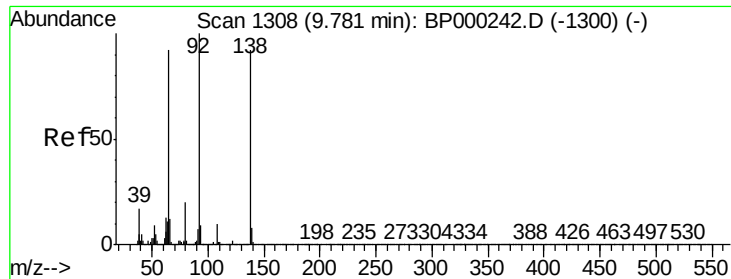
Tot Ion:165	Resp:	293690
Ion	Ratio	Lower Upper
165	100	
63	41.0	35.8 53.8
89	49.8	42.6 63.8



#52
 Acenaphthene
 Concen: 44.082 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

Tgt Ion:154	Resp:	963455
Ion	Ratio	Lower Upper
154	100	
153	113.9	89.8 134.6
152	54.0	43.4 65.0





#53

3-Nitroaniline

Concen: 22.198 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

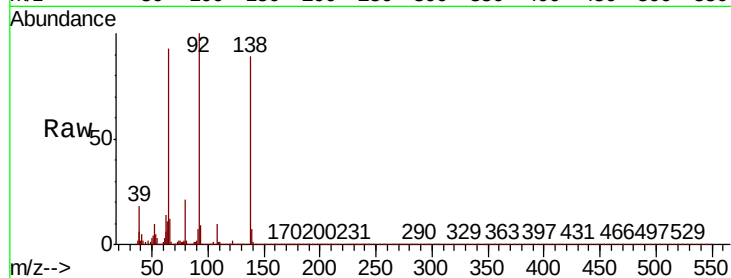
Tot Ion:138 Resp: 153254

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

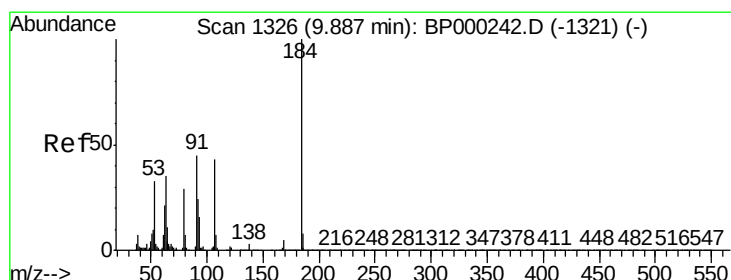
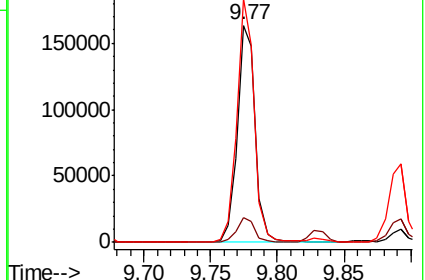
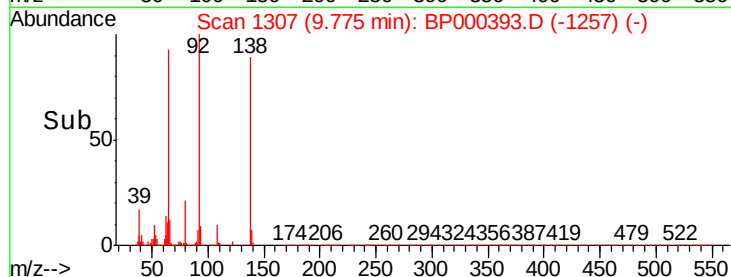
92 112.1 86.7 130.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 95.667 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

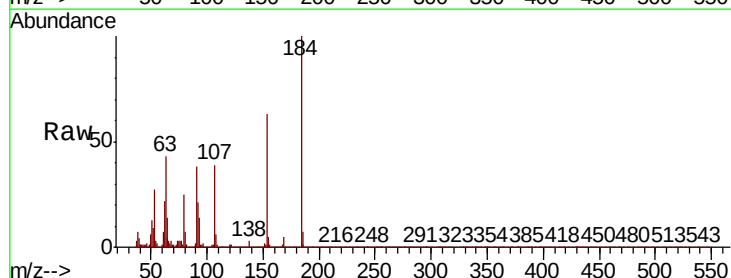
Tgt Ion:184 Resp: 251394

Ion Ratio Lower Upper

184 100

63 43.2 39.5 59.3

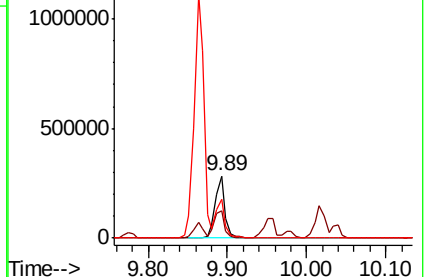
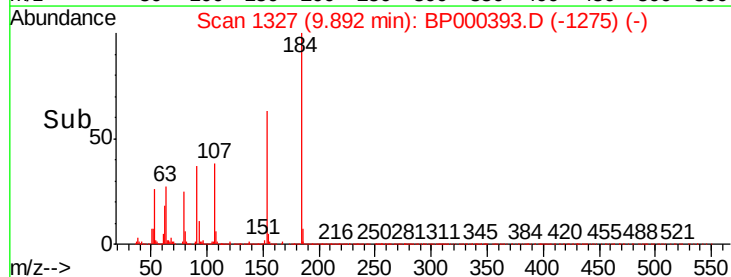
154 62.9 48.8 73.2

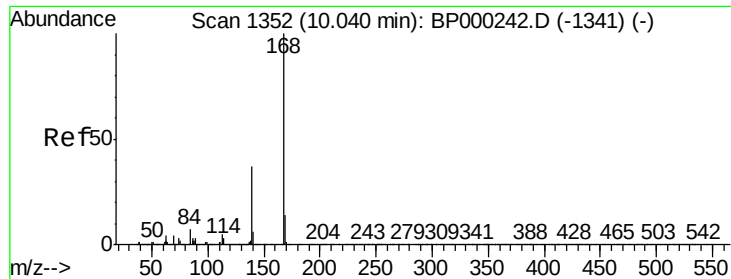


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

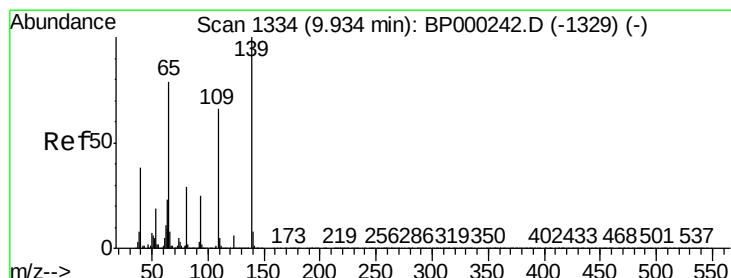
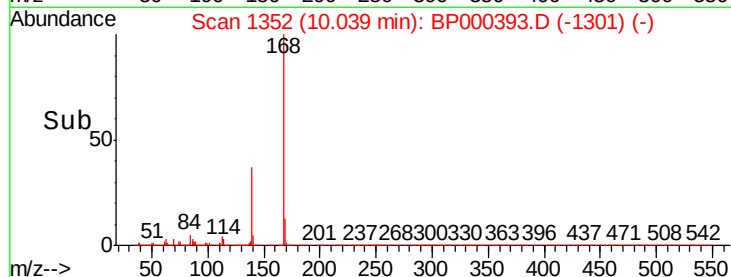
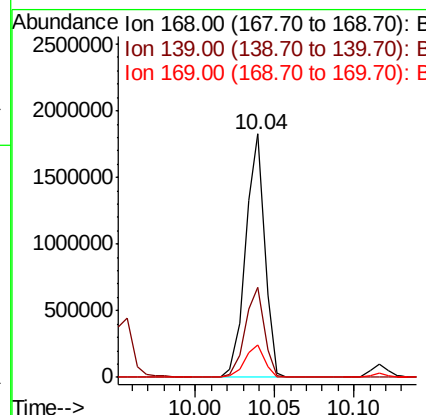
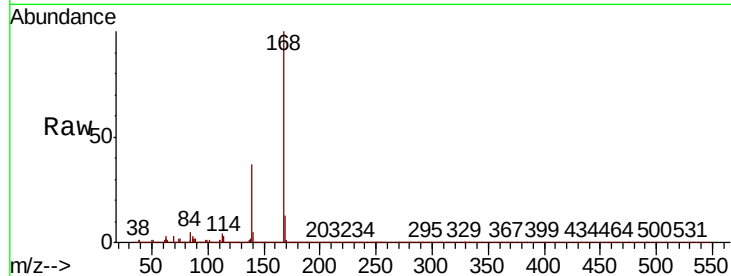




#55
Dibenzofuran
Concen: 49.035 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

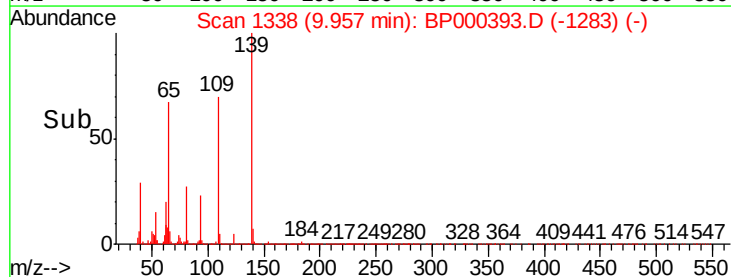
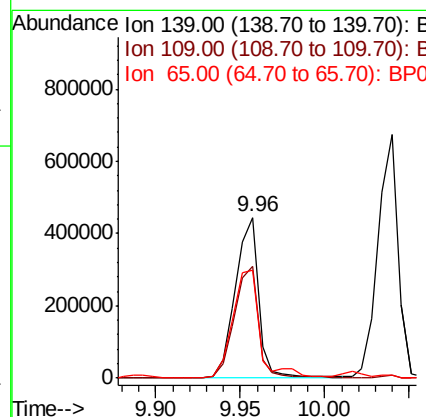
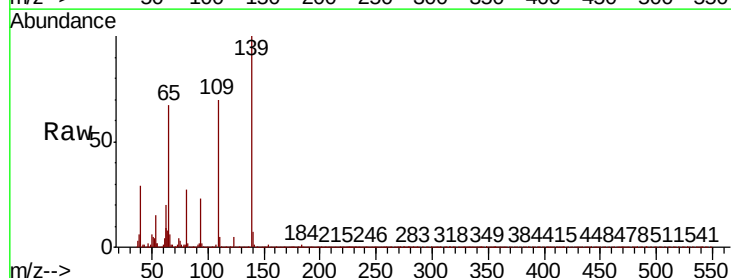
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

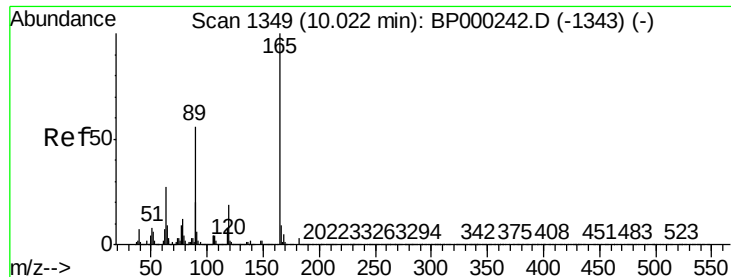
Tot Ion:168 Resp: 1515031
Ion Ratio Lower Upper
168 100
139 36.9 30.0 45.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 83.374 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:139 Resp: 428124
Ion Ratio Lower Upper
139 100
109 69.7 46.2 86.2
65 66.9 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 51.044 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

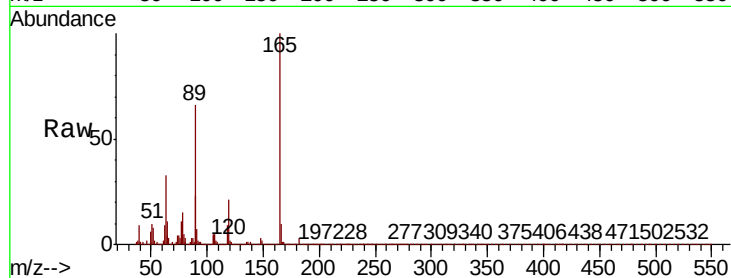
Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

Tot Ion:	165	Resp:	396903
Ion	Ratio	Lower	Upper
165	100		
63	33.3	21.7	32.5#
89	65.7	45.0	67.6
182	3.0	2.4	3.6

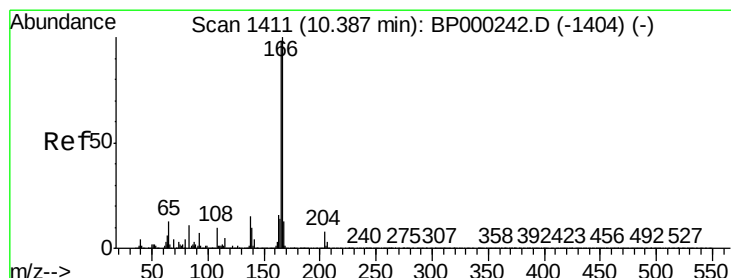
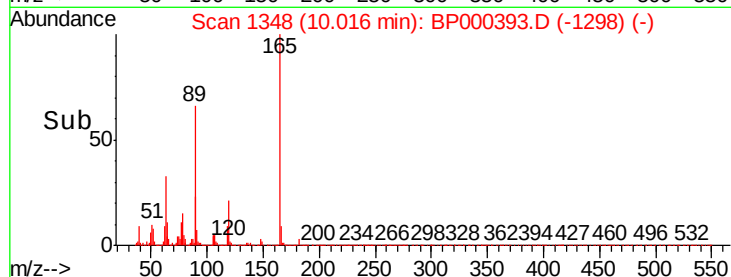
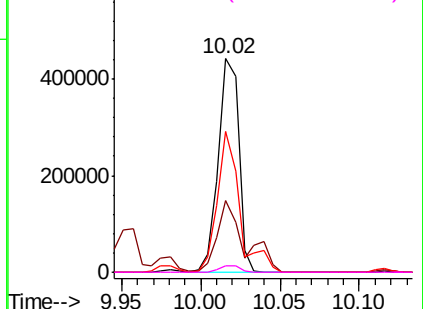


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 48.158 ng

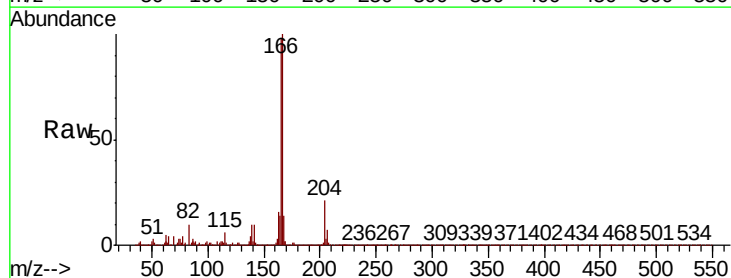
RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

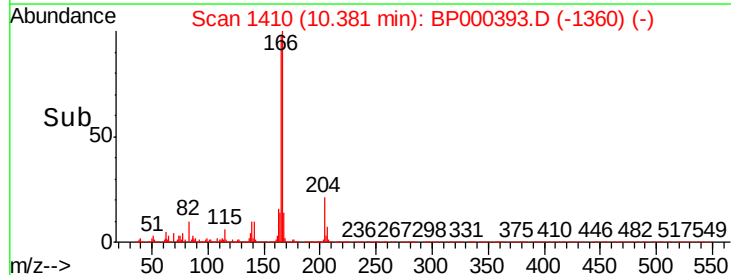
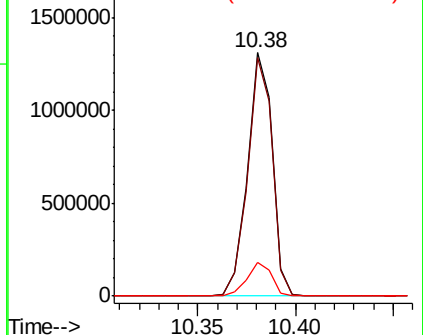
Tgt Ion:	166	Resp:	1149271
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	13.8	10.7	16.1

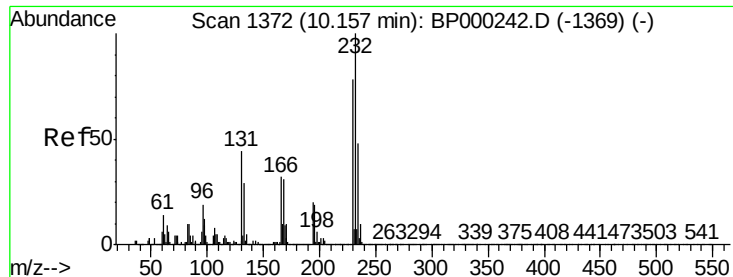


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

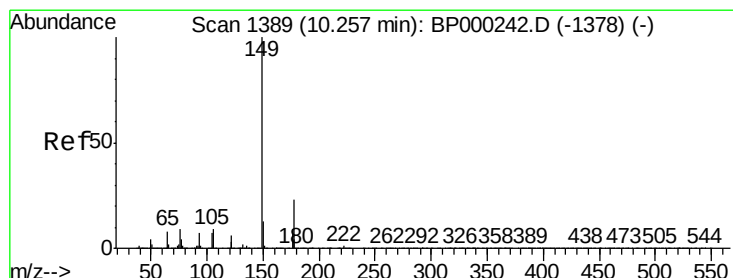
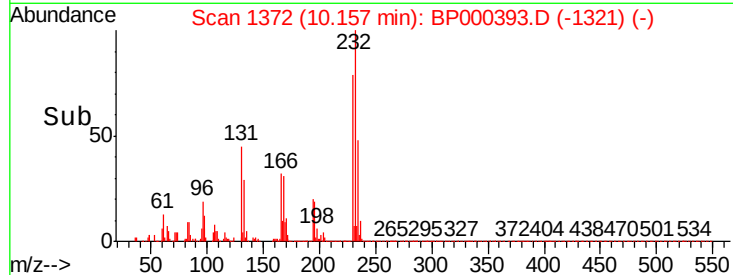
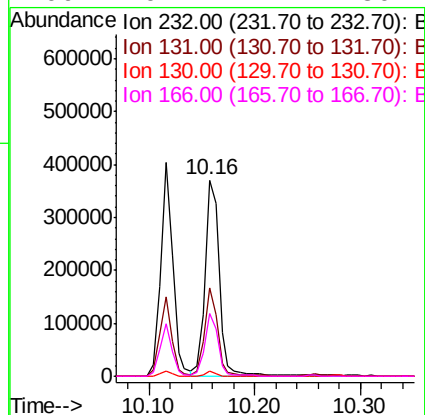
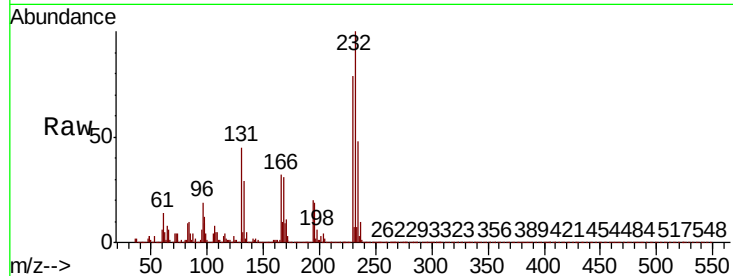




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.971 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

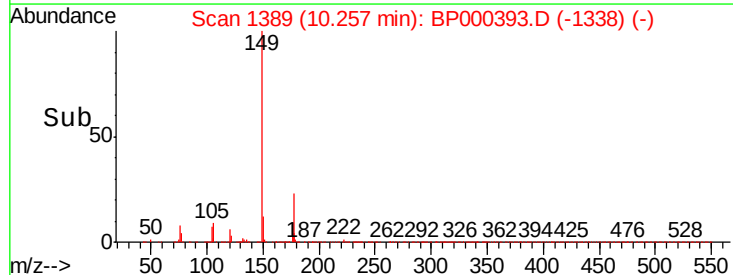
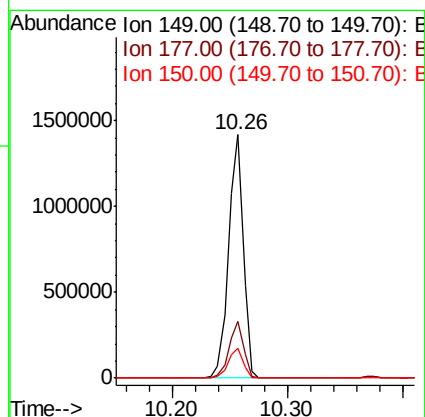
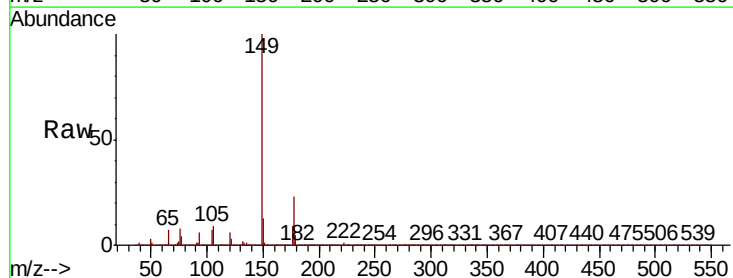
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

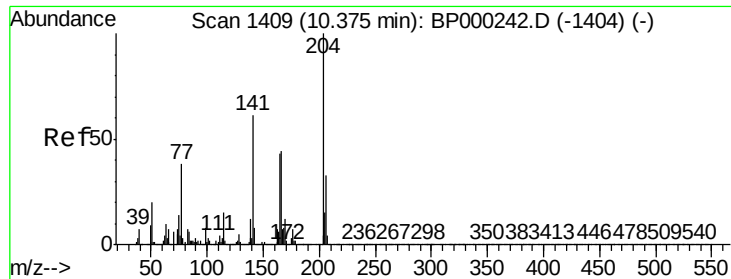
Tot Ion:	232	Resp:	343972
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.6	50.4
130	2.1	1.8	2.6
166	29.2	24.2	36.2



#60
Diethylphthalate
Concen: 47.853 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:	149	Resp:	1245257
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.1	27.1
150	12.5	10.3	15.5

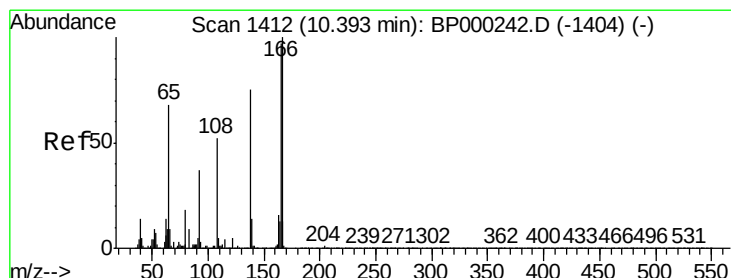
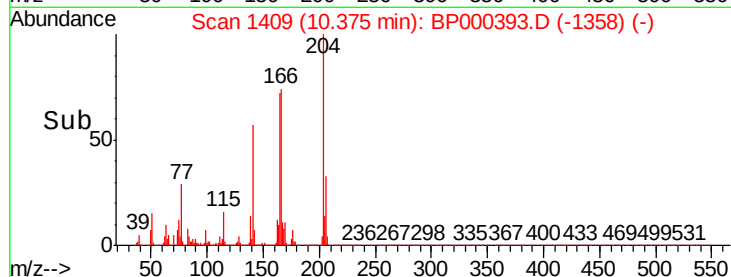
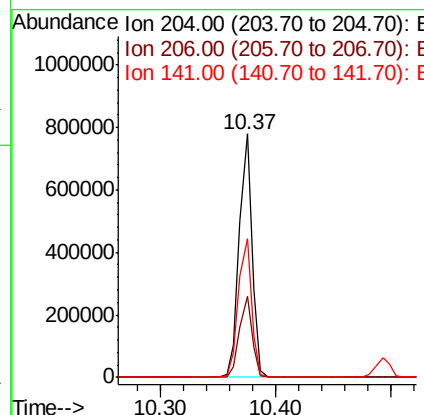
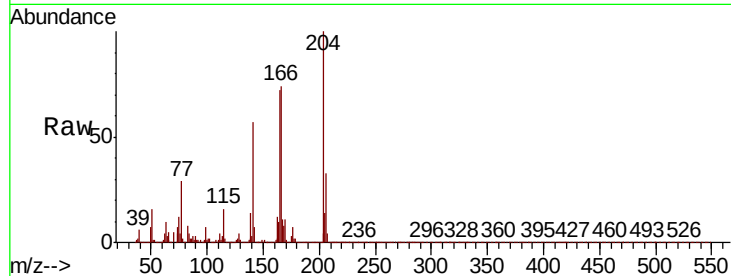




#61
4-Chlorophenyl-phenylether
Concen: 48.974 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

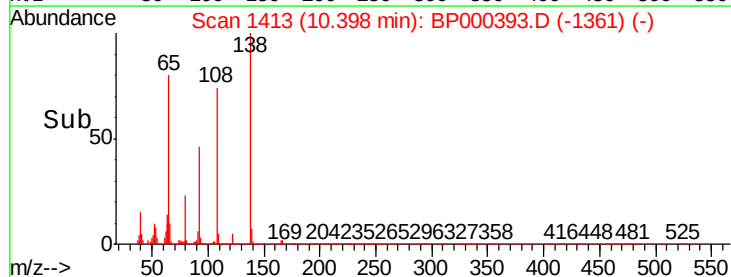
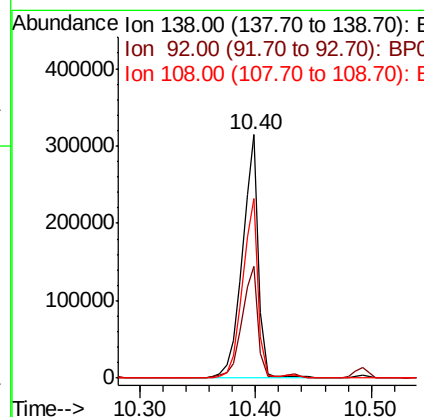
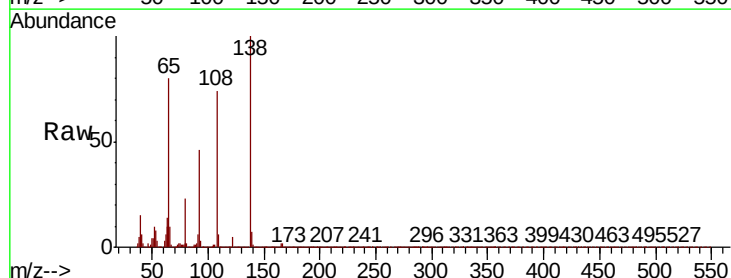
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

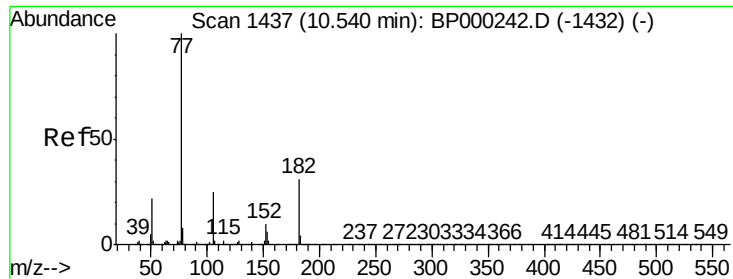
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.9	48.6	72.8



#62
4-Nitroaniline
Concen: 44.534 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	30.1	70.1
108	73.9	49.5	89.5

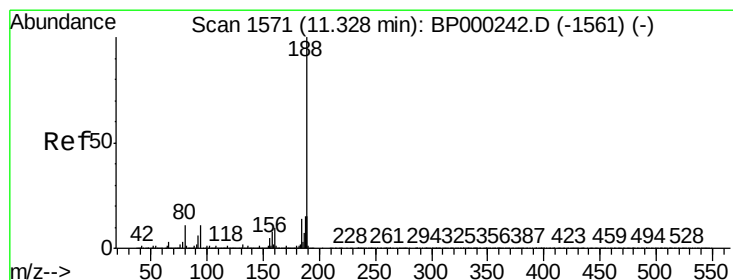
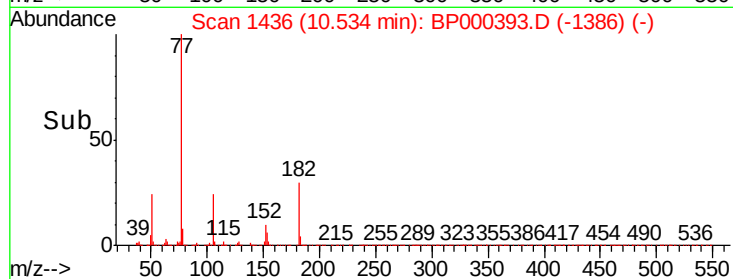
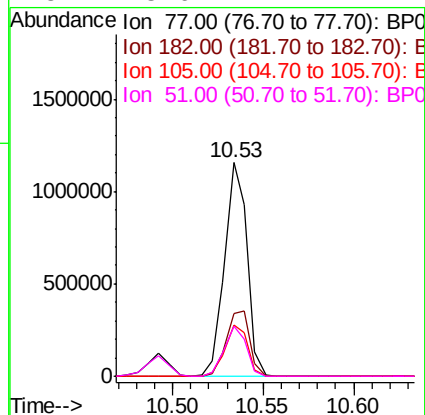
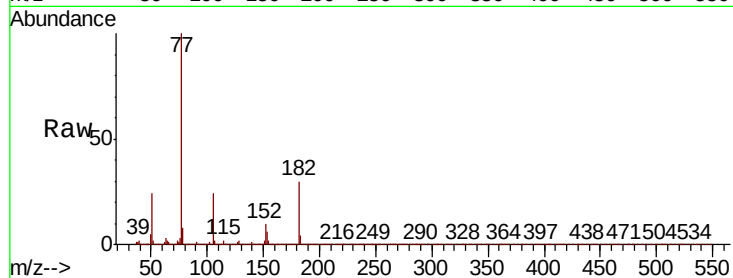




#63
Azobenzene
Concen: 45.156 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

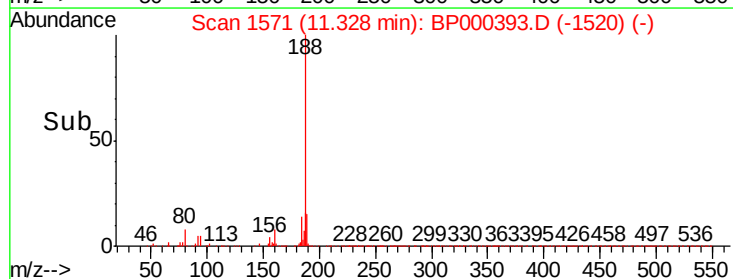
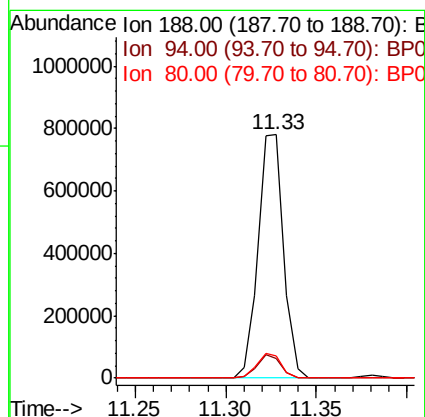
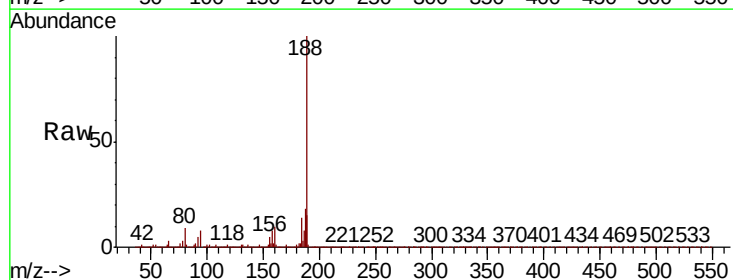
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

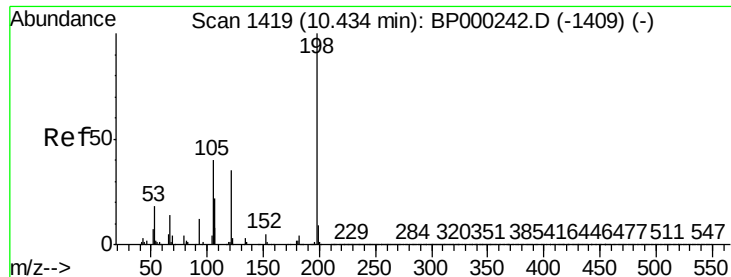
Tot Ion:	77	Resp:	995535
Ion	Ratio	Lower	Upper
77	100		
182	29.6	11.1	51.1
105	24.1	4.7	44.7
51	23.6	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:	188	Resp:	762064
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 50.479 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

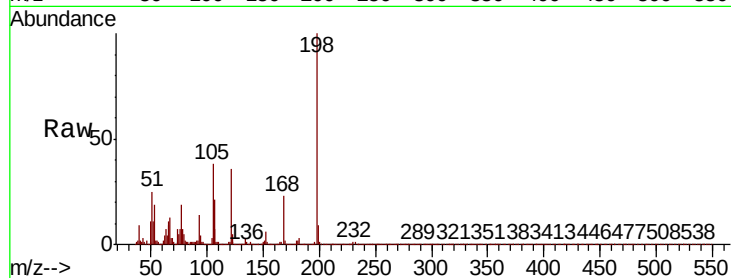
Tot Ion:198 Resp: 180879

Ion Ratio Lower Upper

198 100

51 25.1 7.4 47.4

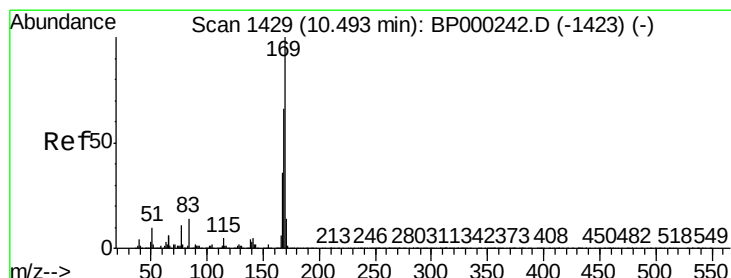
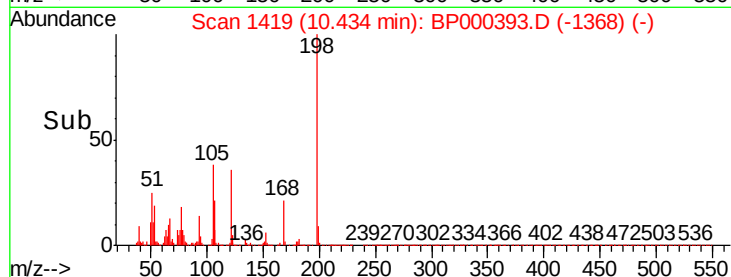
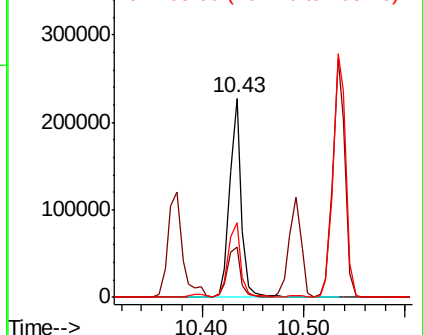
105 37.7 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.709 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

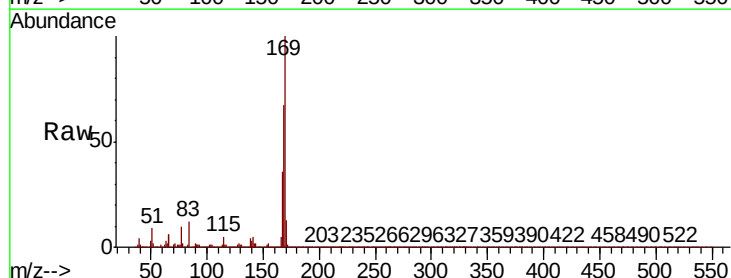
Tgt Ion:169 Resp: 1071542

Ion Ratio Lower Upper

169 100

168 66.9 52.9 79.3

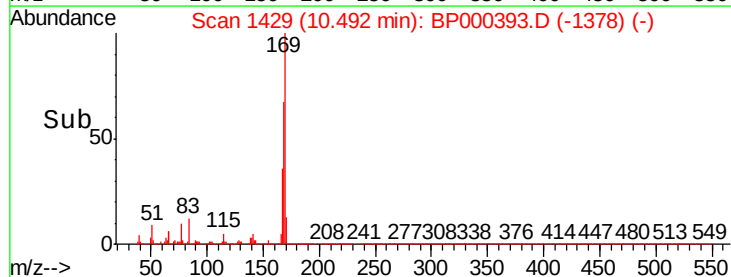
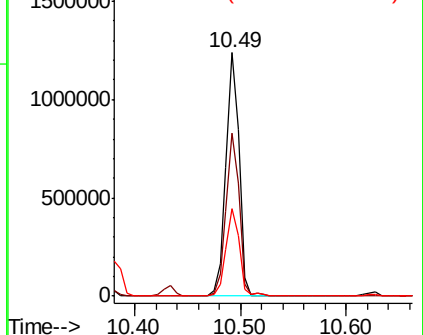
167 36.0 29.0 43.6

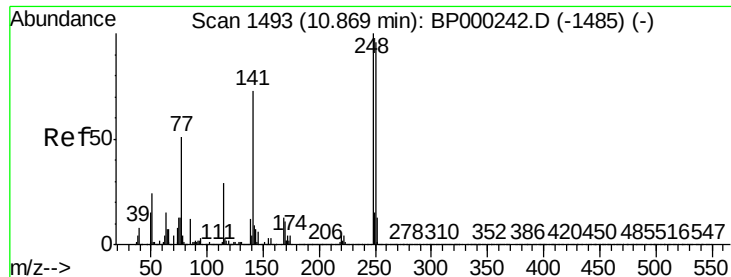


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

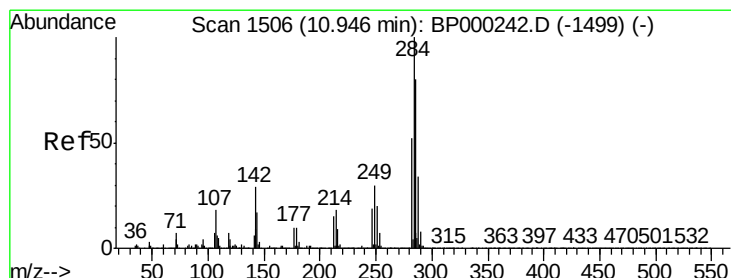
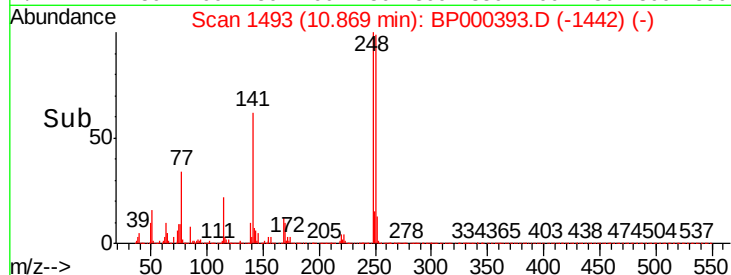
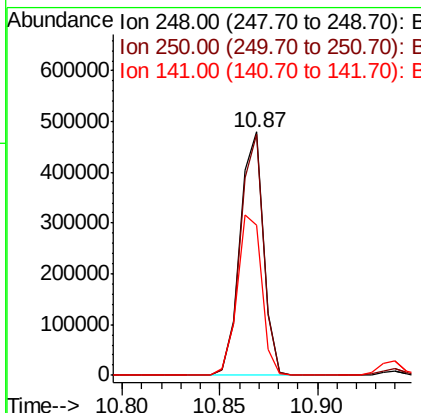
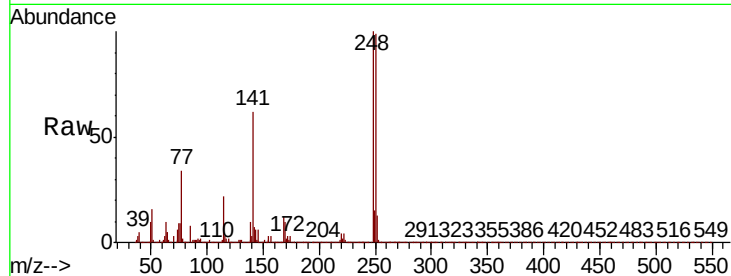




#67
 4-Bromophenyl-phenylether
 Concen: 46.351 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

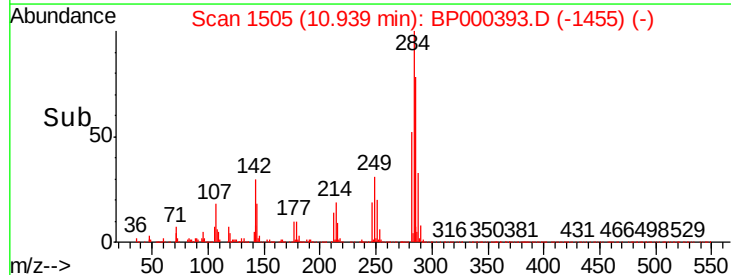
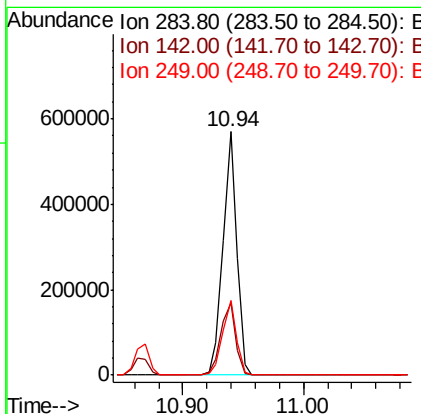
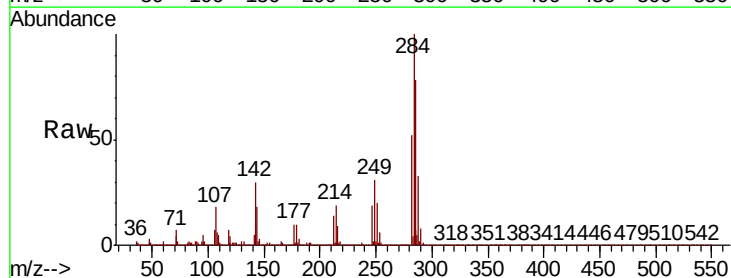
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-091919MSD

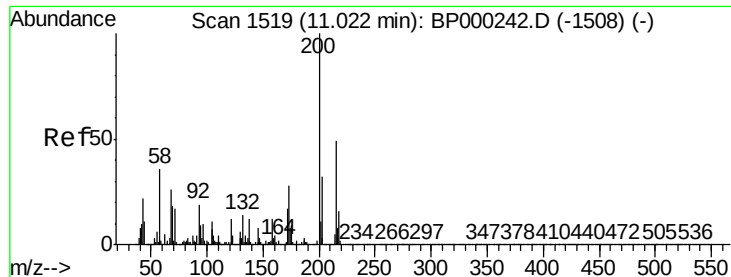
Tot Ion:	248	Resp:	399429
Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.0	115.4
141	61.6	58.5	87.7



#68
 Hexachlorobenzene
 Concen: 47.812 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

Tgt Ion:	284	Resp:	450434
Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.6	35.4
249	30.8	24.3	36.5





#69

Atrazine

Concen: Below Cal

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

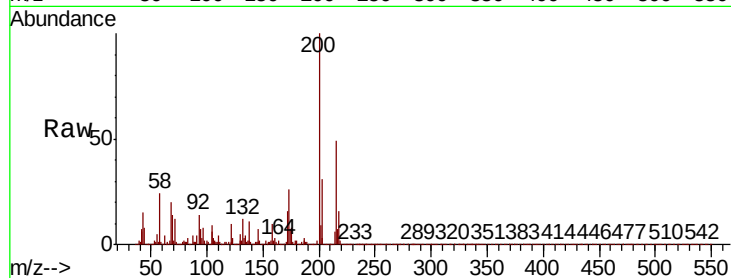
Tot Ion:200 Resp: 353400

Ion Ratio Lower Upper

200 100

173 26.2 7.6 47.6

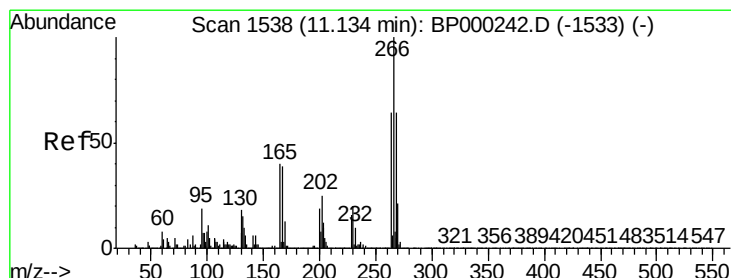
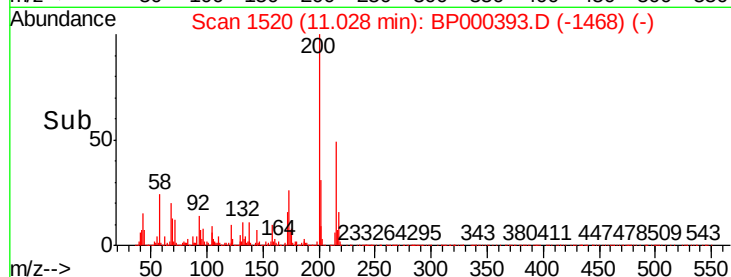
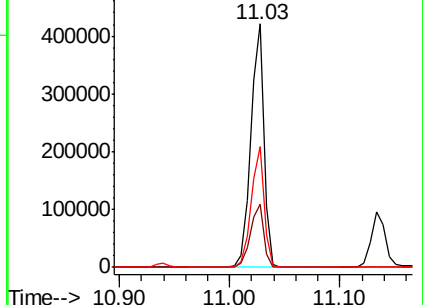
215 49.5 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.254 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

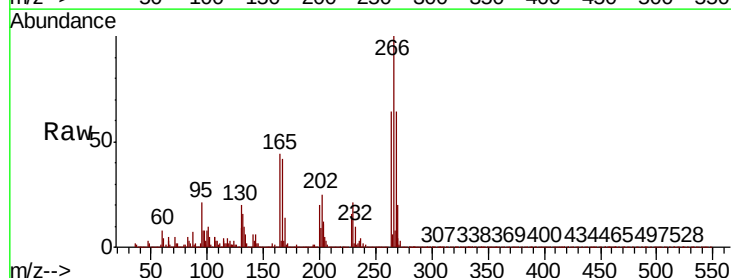
Tgt Ion:266 Resp: 499012

Ion Ratio Lower Upper

266 100

268 63.6 51.6 77.4

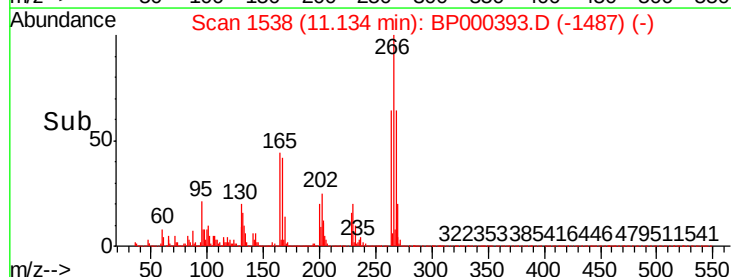
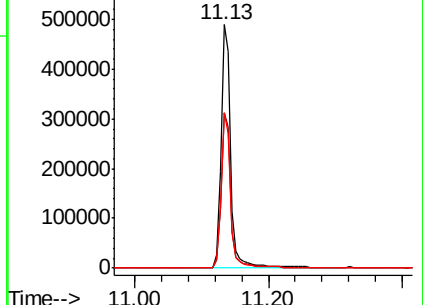
264 63.6 50.8 76.2

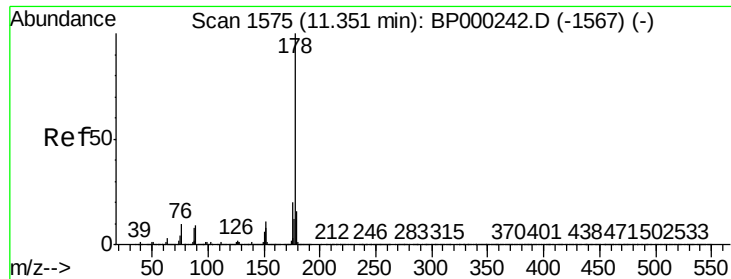


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

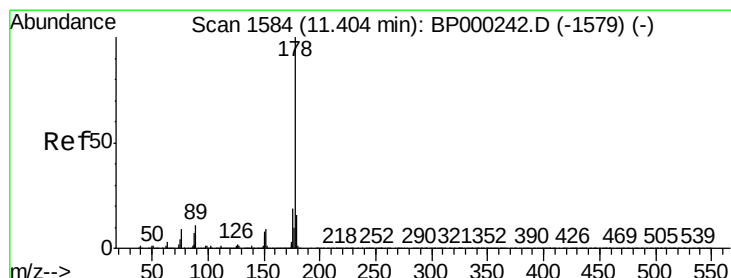
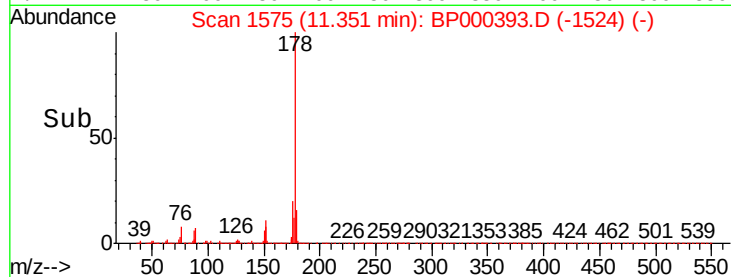
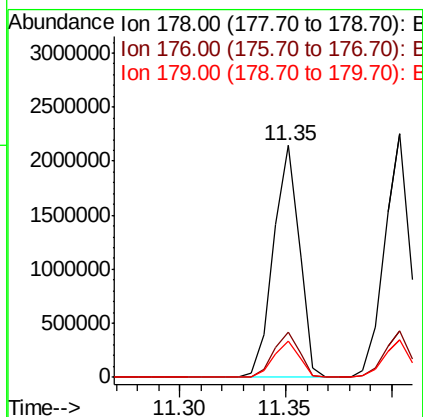
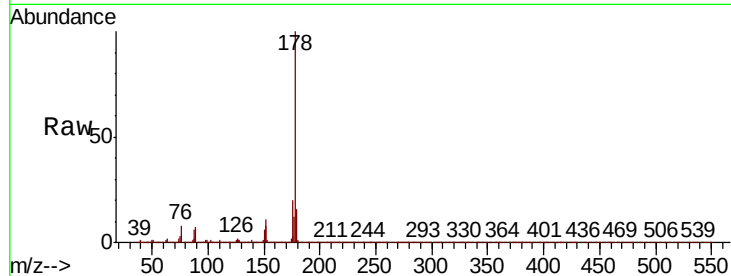




#71
Phenanthrene
Concen: 48.097 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

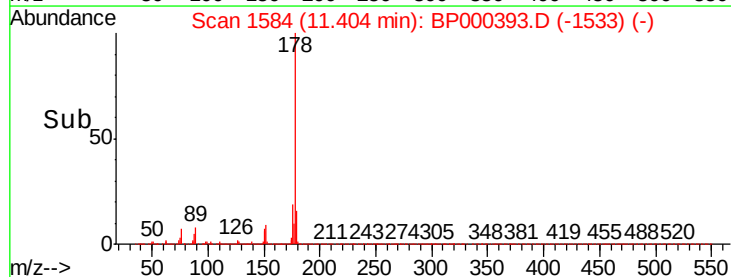
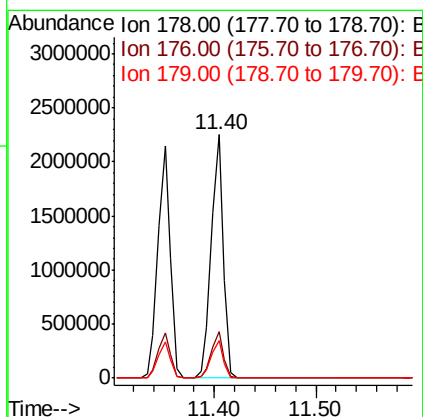
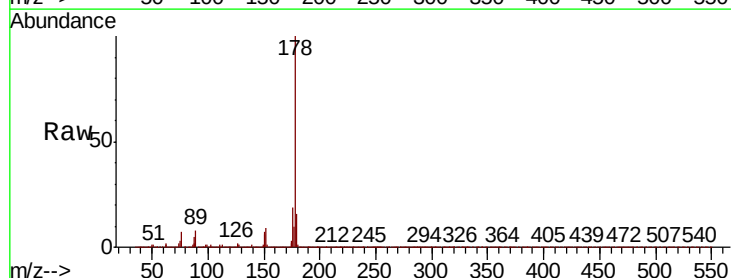
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

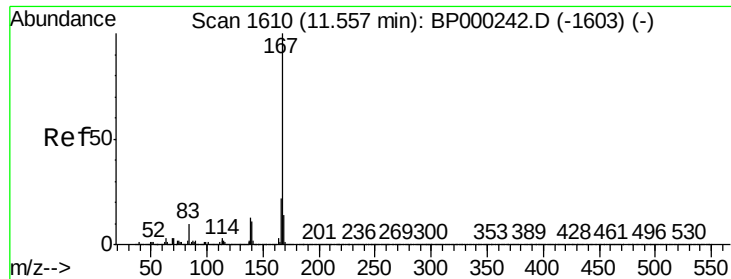
Tot Ion:178 Resp: 1836781
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.7 12.7 19.1



#72
Anthracene
Concen: 47.615 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:178 Resp: 1871688
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.7 19.1

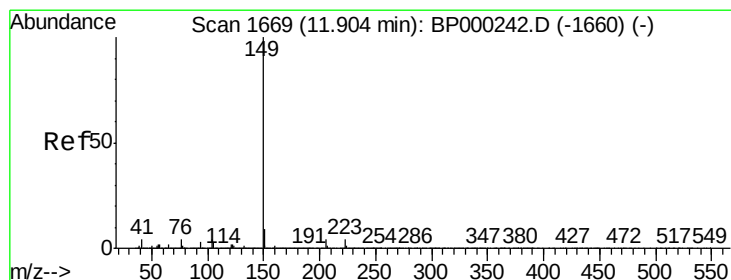
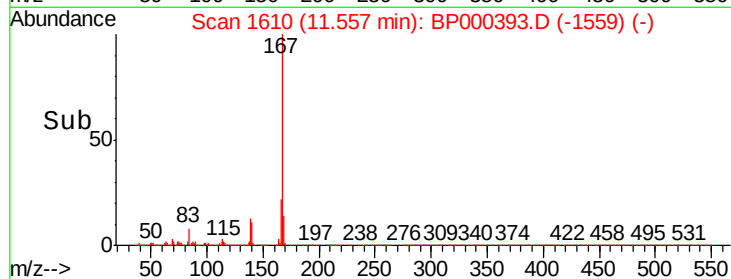
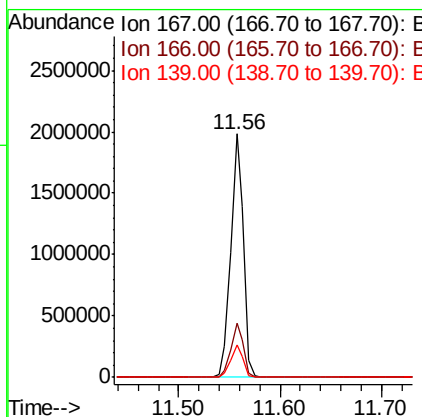
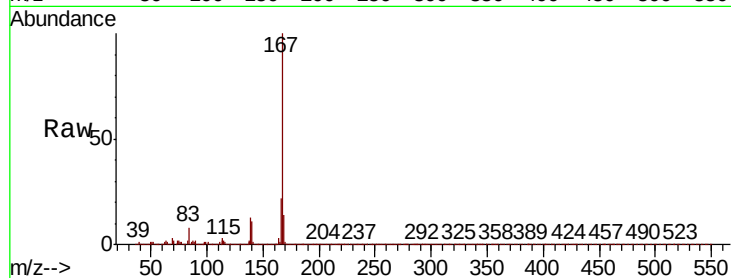




#73
 Carbazole
 Concen: 48.318 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

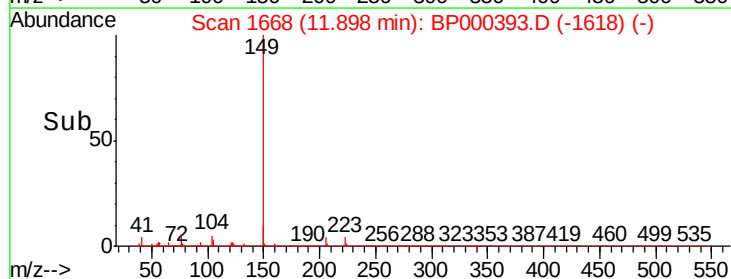
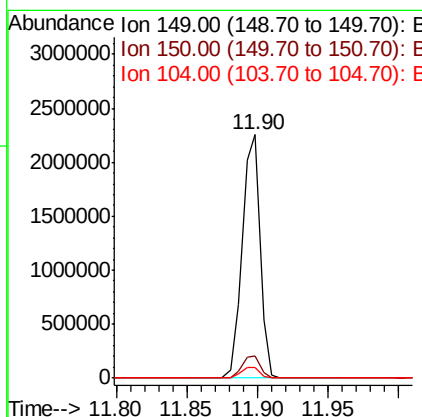
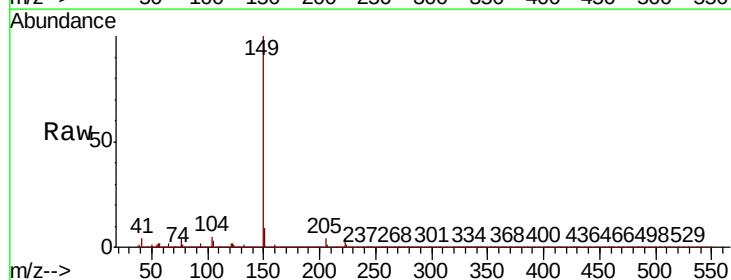
Instrument :
 BNA_P
 ClientSampleId :
 EO-01-091919MSD

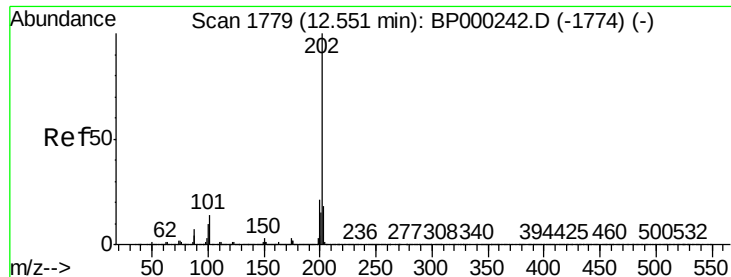
Tot Ion:167 Resp: 1710474
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.203 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000393.D
 Acq: 24 Sep 2019 19:01

Tgt Ion:149 Resp: 1980653
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 50.327 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

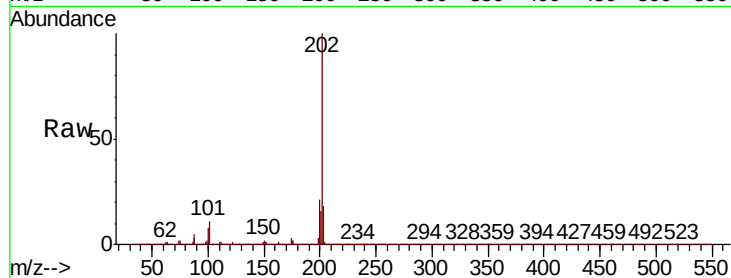
Tot Ion:202 Resp: 2063752

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.9

203 17.6 0.0 38.0

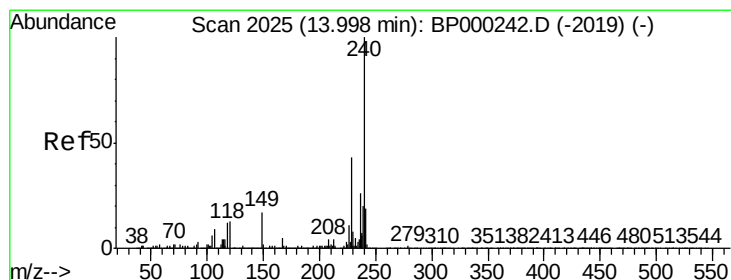
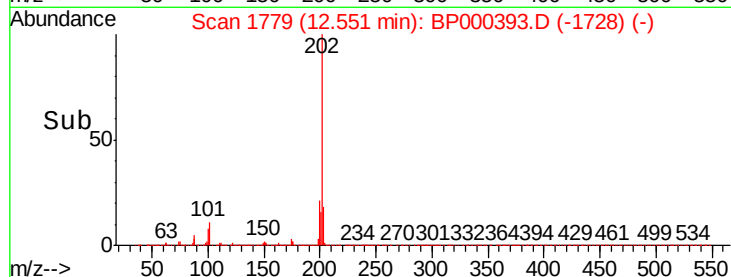
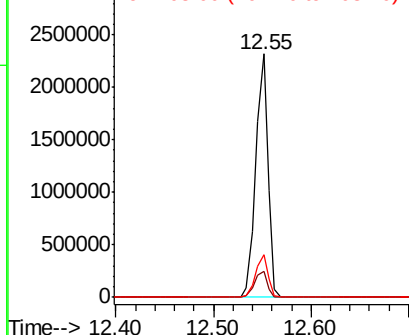


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

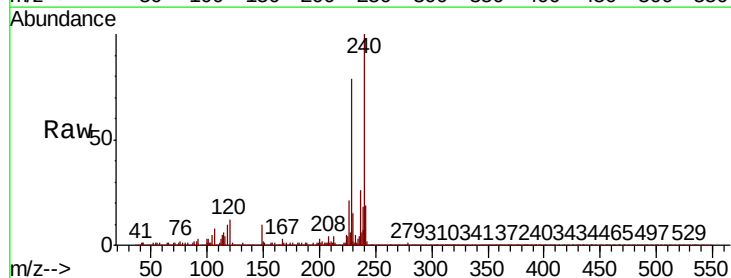
Tgt Ion:240 Resp: 622046

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

236 25.8 21.0 31.6

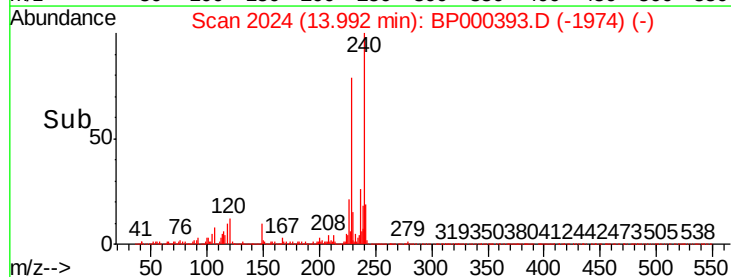
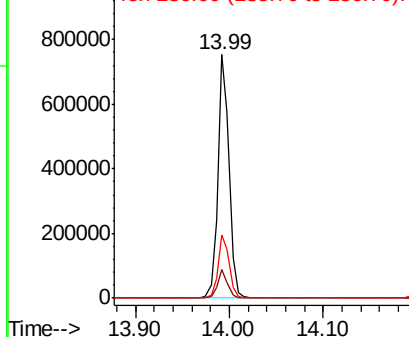


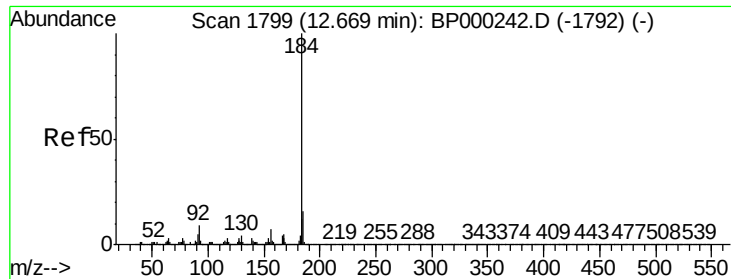
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.358 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

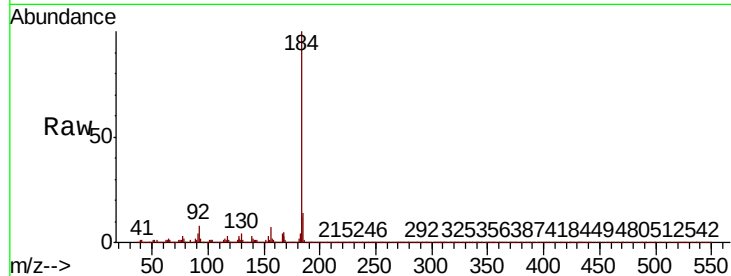
BNA_P

ClientSampleId :

EO-01-091919MSD

Tot Ion:184 Resp: 963239

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.7	19.1
183	12.2	9.5	14.3

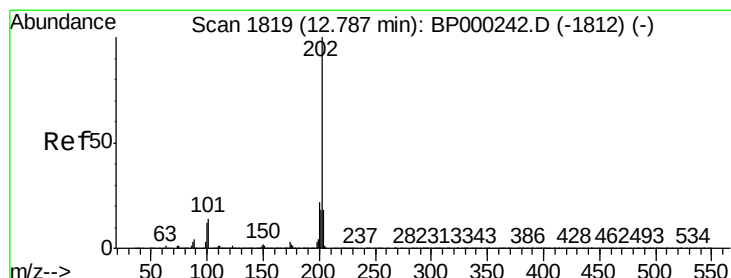
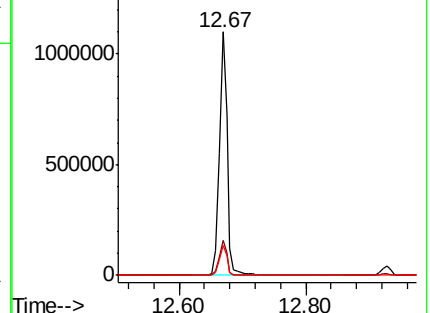
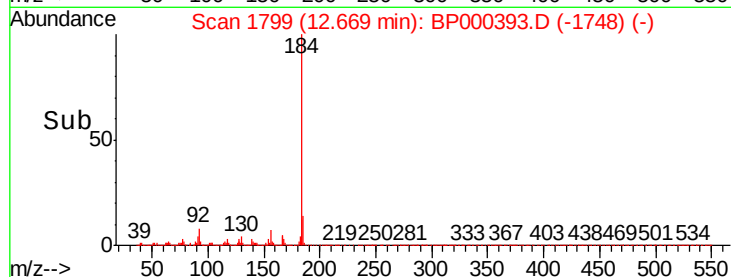


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.635 ng

RT: 12.78 min Scan# 1818

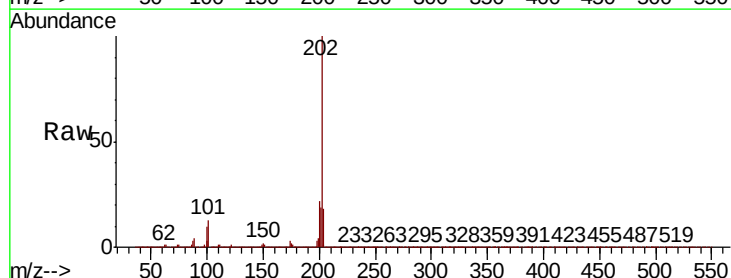
Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Tgt Ion:202 Resp: 2123827

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.8	14.3	21.5

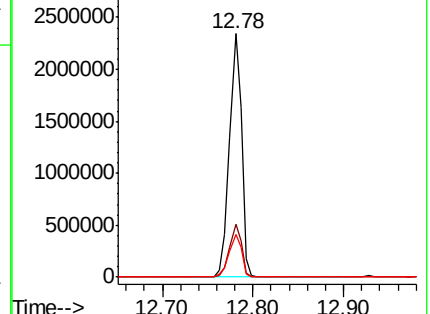
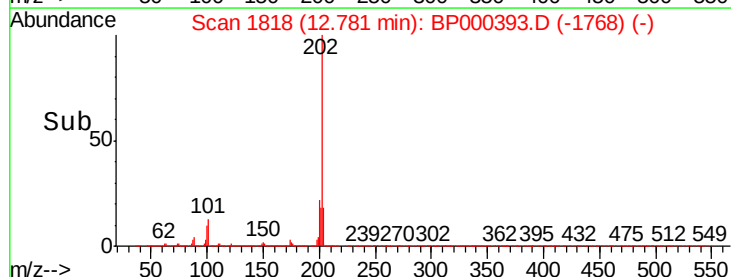


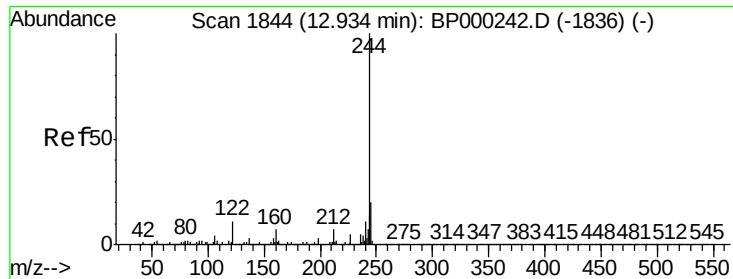
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.070 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

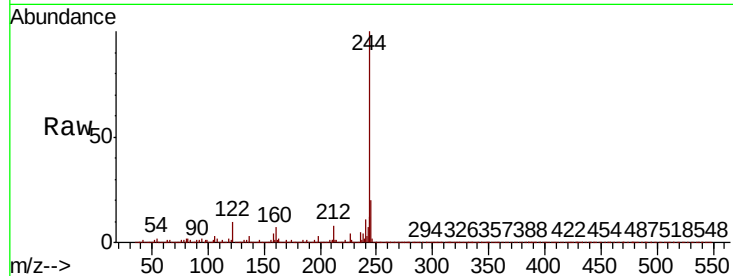
Tot Ion:244 Resp: 2907929

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.9 9.0 13.4

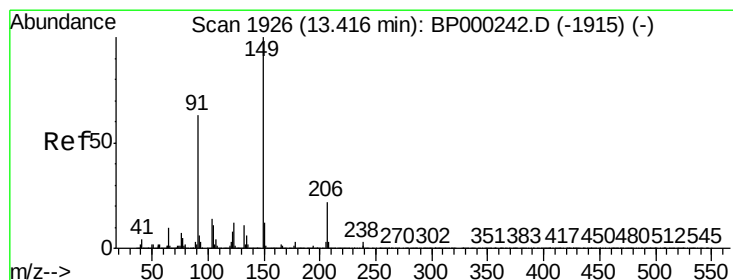
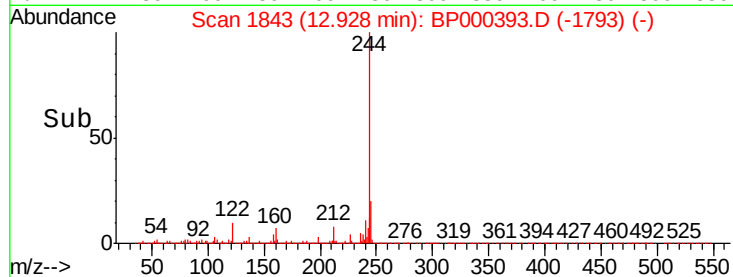
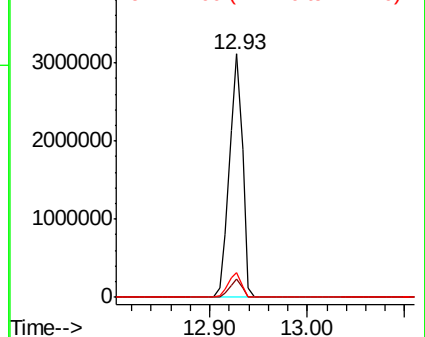


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.215 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

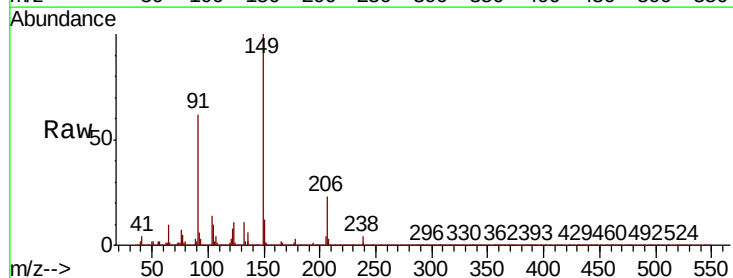
Tgt Ion:149 Resp: 881361

Ion Ratio Lower Upper

149 100

91 62.0 50.6 76.0

206 23.2 17.8 26.6

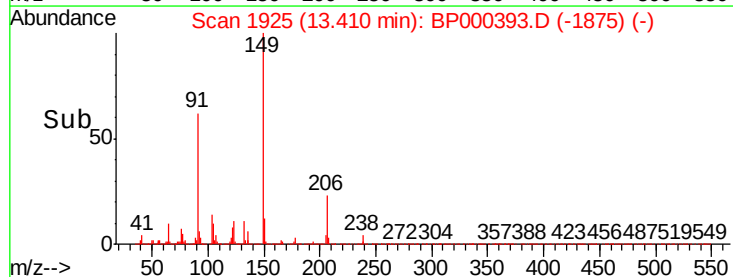
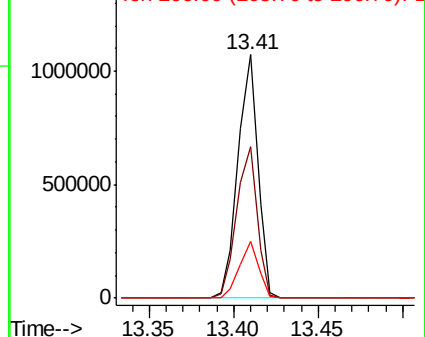


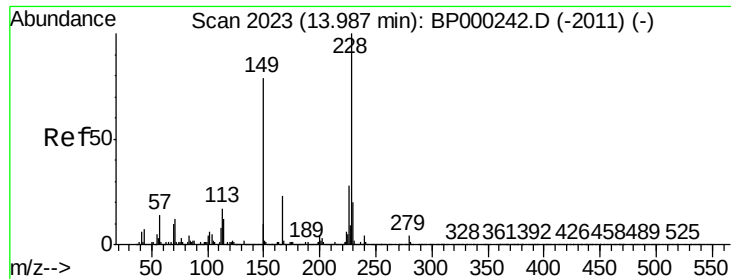
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

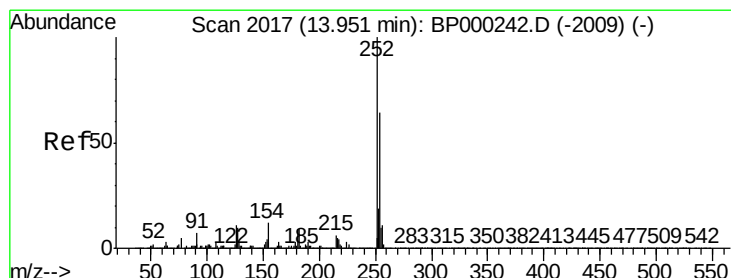
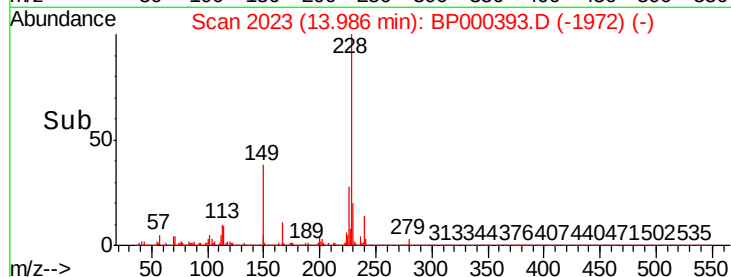
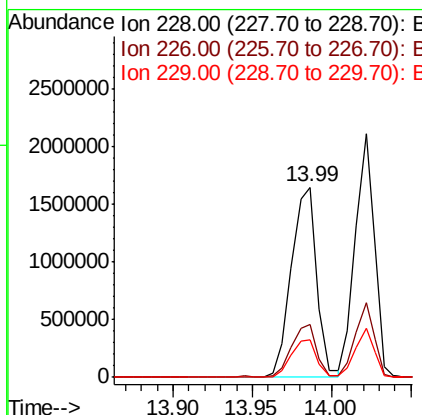
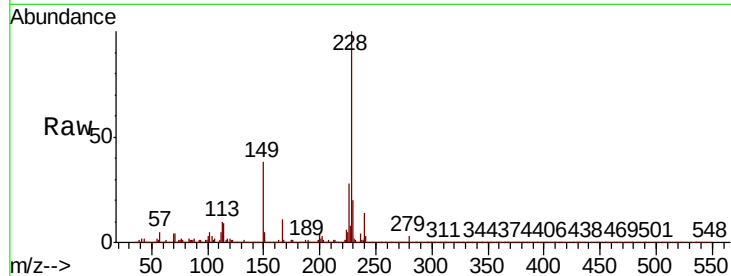




#81
Benzo(a)anthracene
Concen: 46.792 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

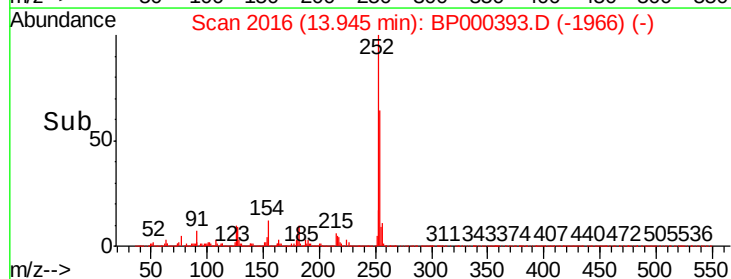
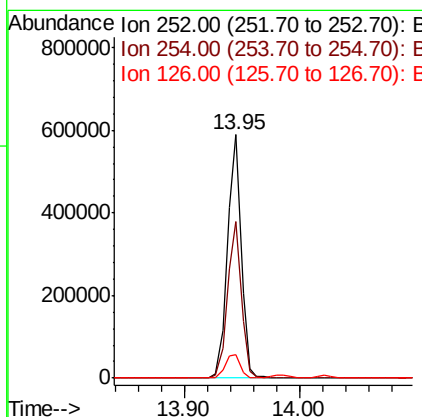
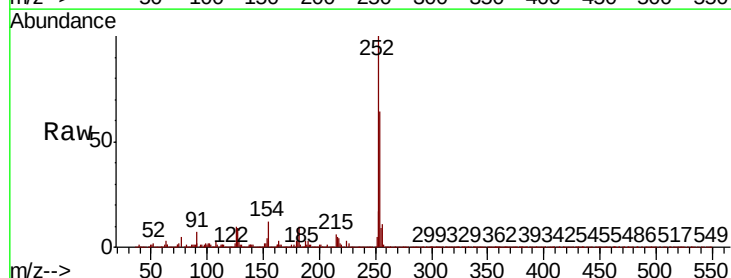
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

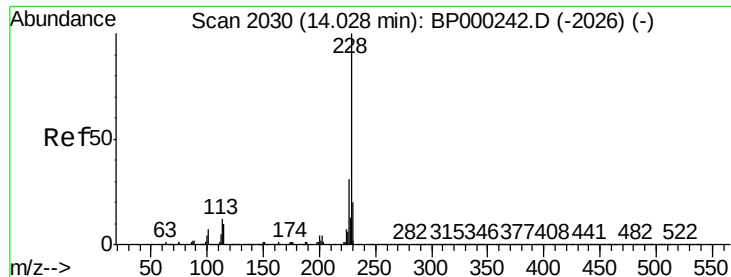
Tot Ion:228 Resp: 1838598
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 30.732 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:252 Resp: 485310
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 9.6 8.4 12.6





#83

Chrysene

Concen: 46.507 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

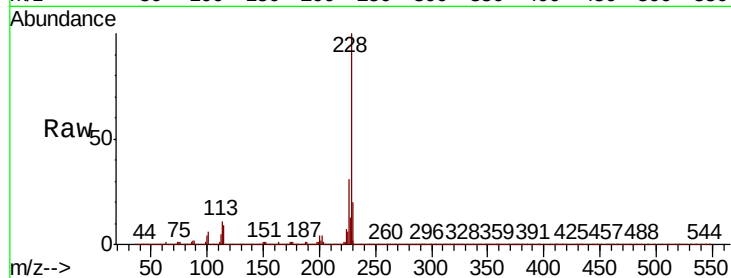
Tot Ion:228 Resp: 1794262

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.2	16.2	24.2

228 100

226 30.8 24.9 37.3

229 20.2 16.2 24.2

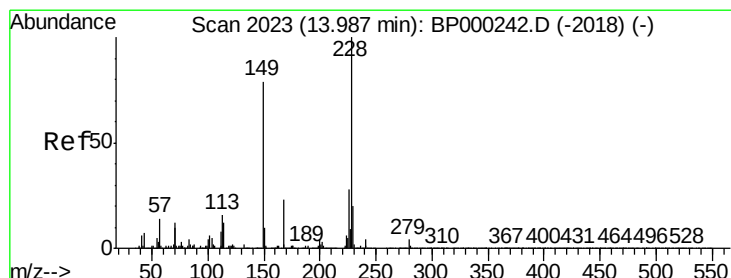
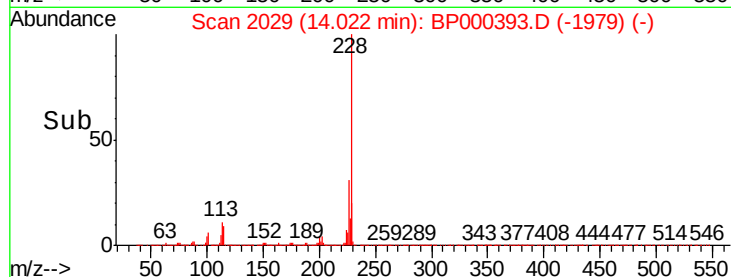
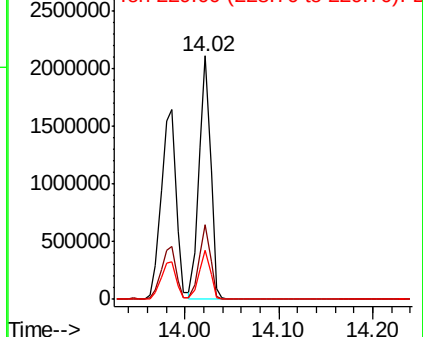


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.109 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

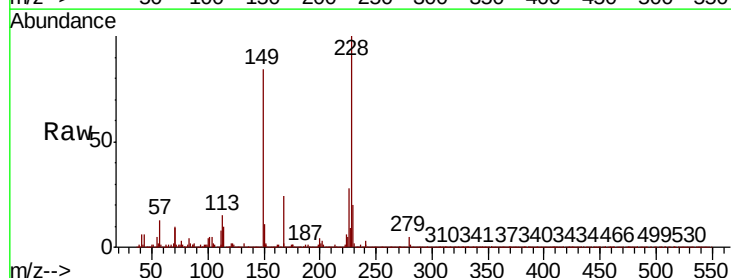
Tgt Ion:149 Resp: 1106621

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.5	3.7	5.5#

149 100

167 28.7 23.0 34.4

279 5.5 3.7 5.5#

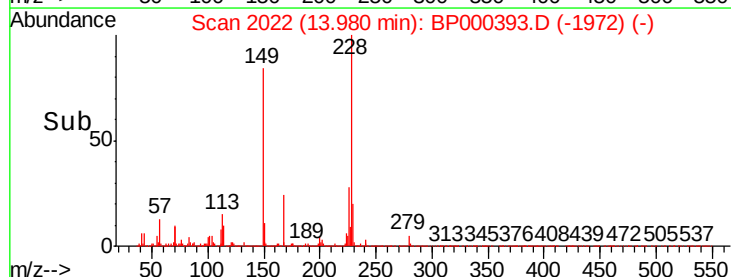
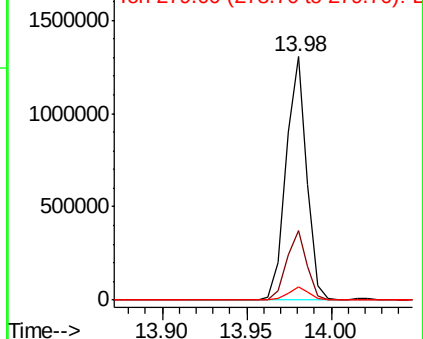


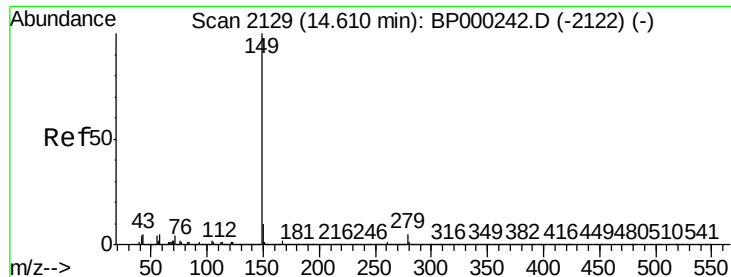
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

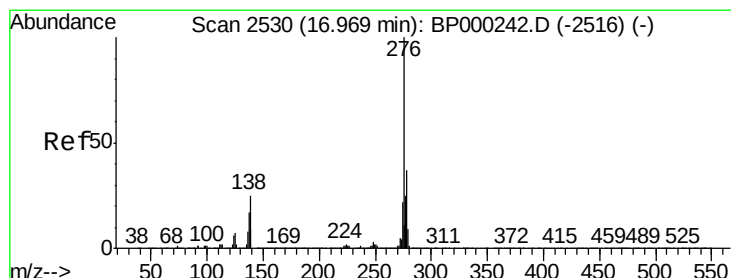
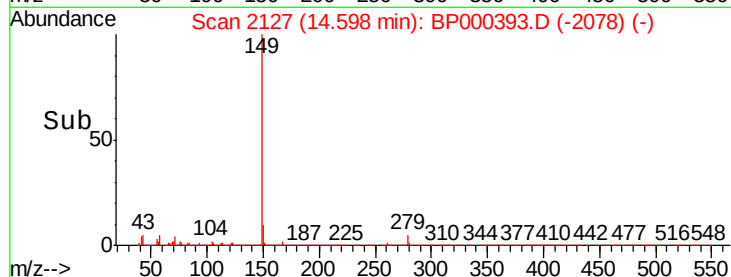
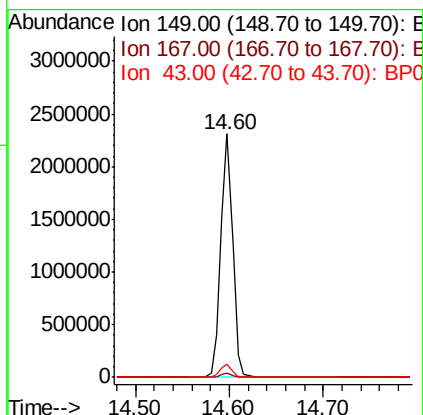
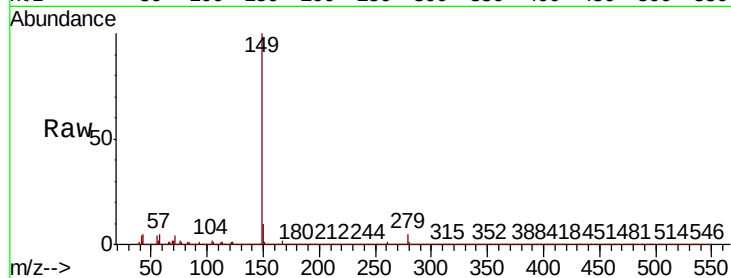




#85
Di-n-octyl phthalate
Concen: 43.051 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

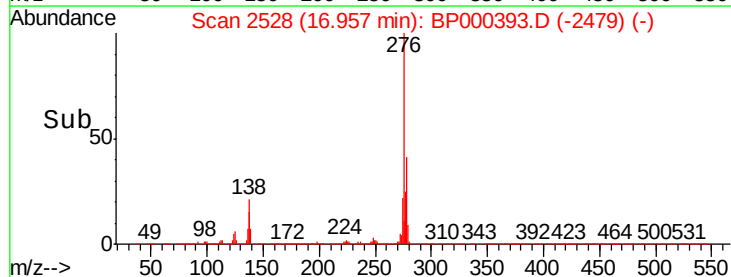
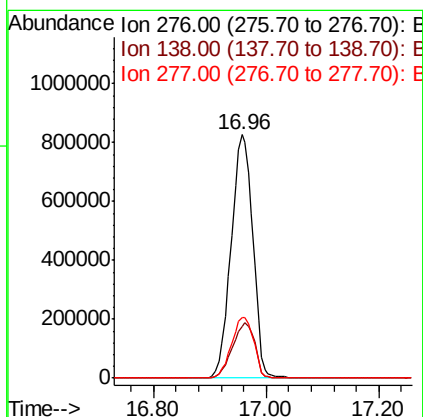
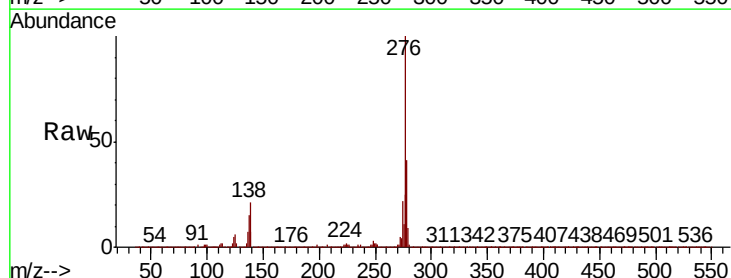
Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

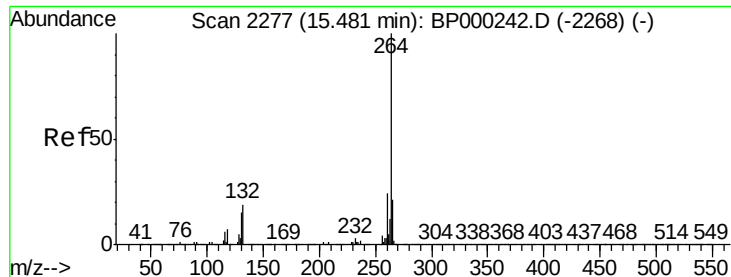
Tot Ion:149 Resp: 2048245
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 5.3 5.0 7.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.436 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:276 Resp: 2230715
Ion Ratio Lower Upper
276 100
138 23.4 22.6 33.8
277 25.7 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

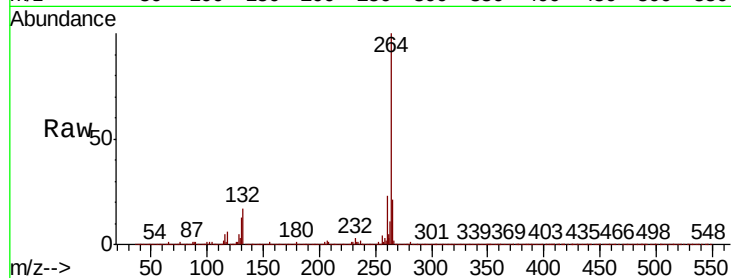
Tot Ion:264 Resp: 718387

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

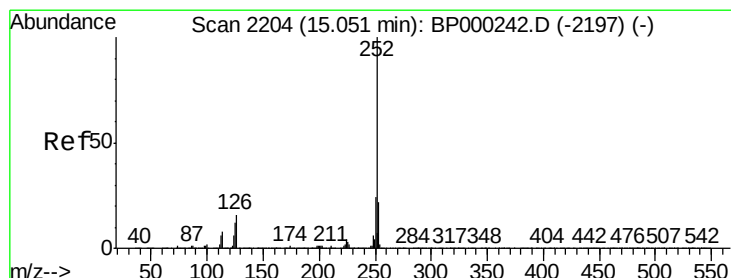
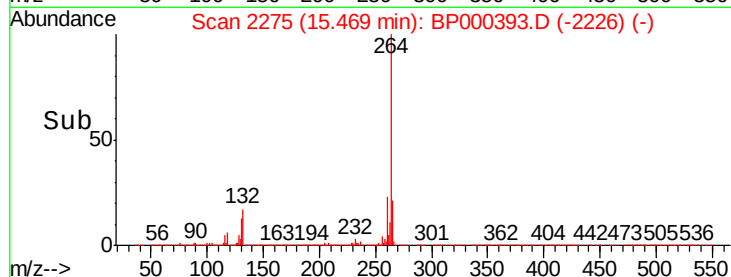
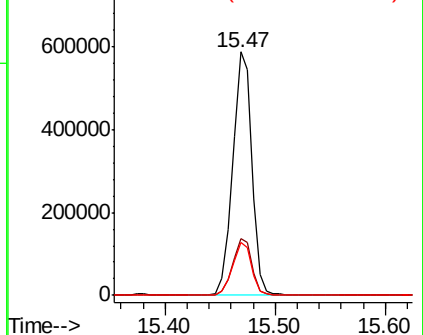
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

800000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.121 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

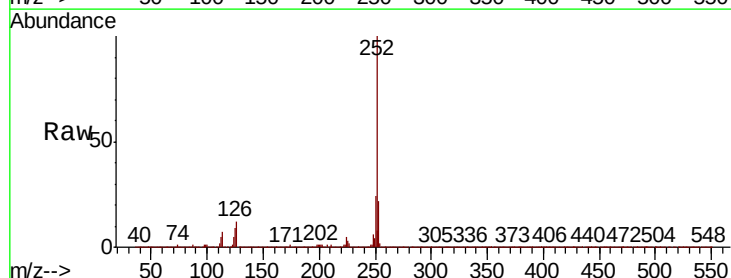
Tgt Ion:252 Resp: 1976597

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

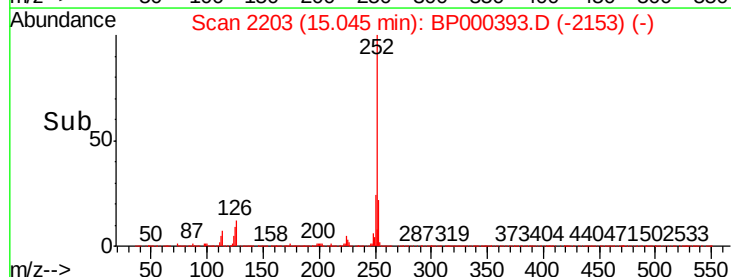
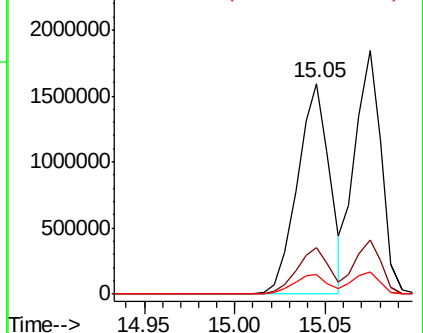
125 9.2 9.5 14.3#

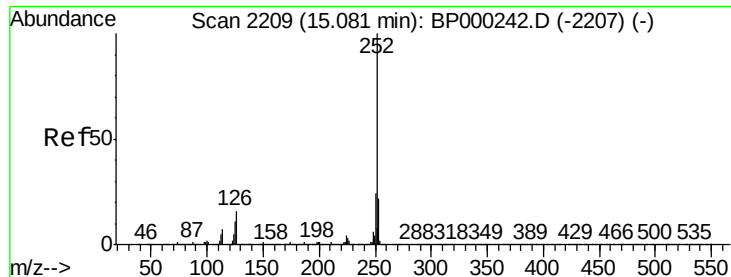


Abundance Ion 252.00 (251.70 to 252.70): E

2500000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.437 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

Instrument :

BNA_P

ClientSampleId :

EO-01-091919MSD

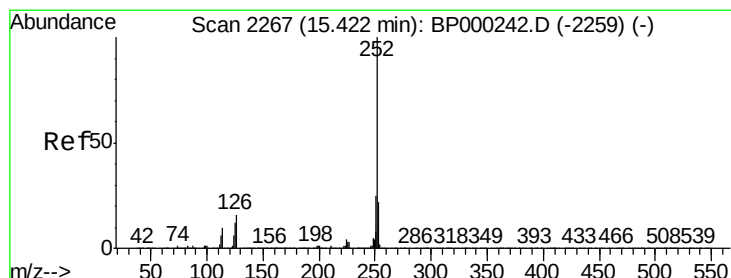
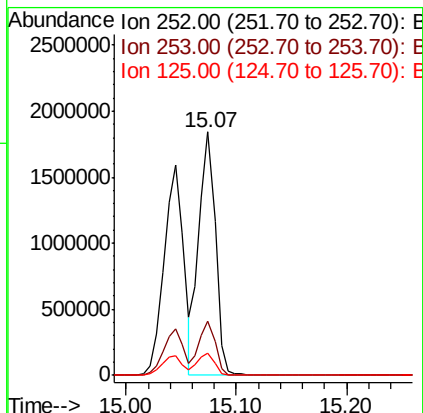
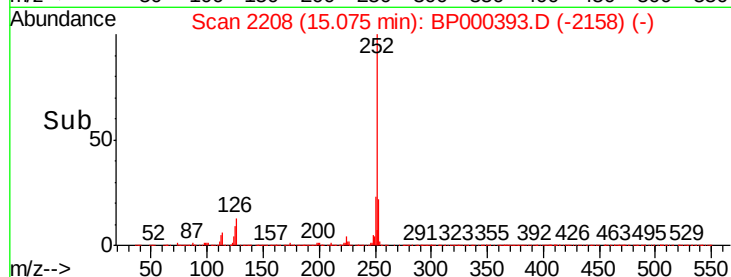
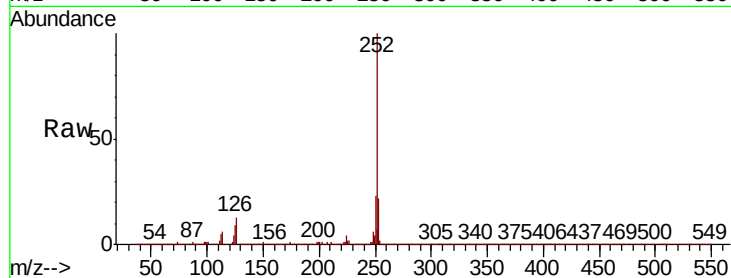
Tot Ion:252 Resp: 1885506

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.2 9.6 14.4#



#90

Benzo(a)pyrene

Concen: 48.784 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BP000393.D

Acq: 24 Sep 2019 19:01

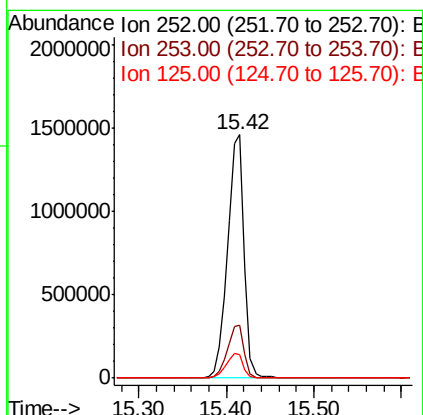
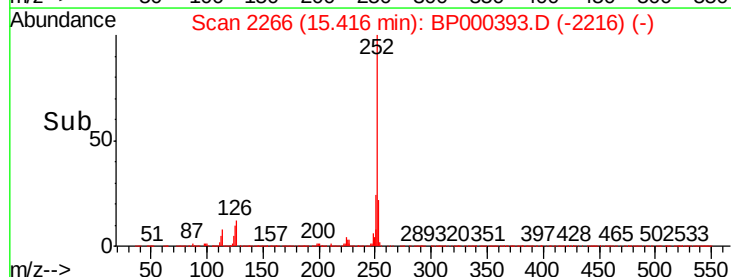
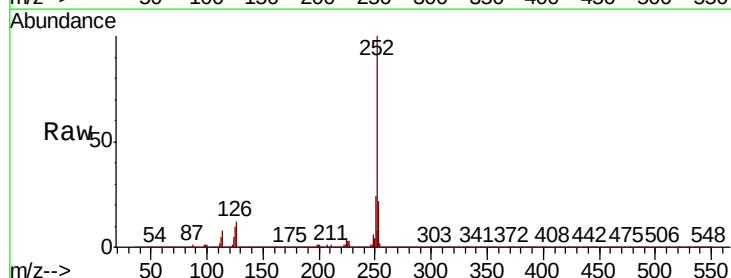
Tgt Ion:252 Resp: 1902381

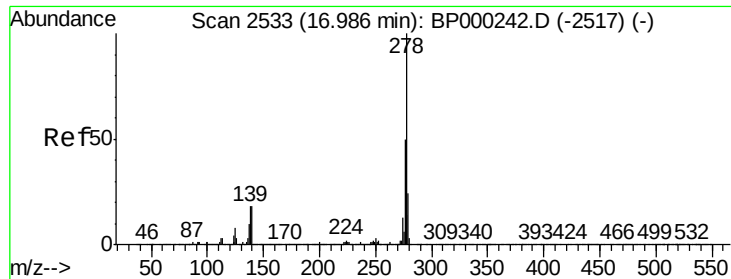
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.7 10.0 15.0#



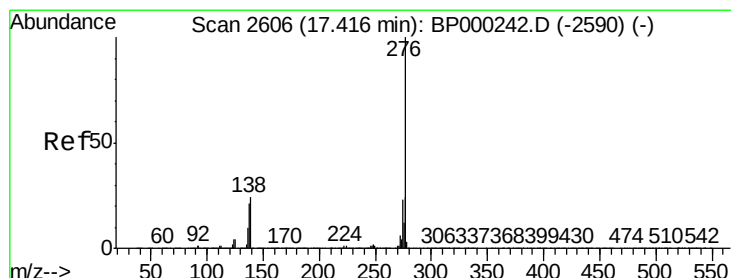
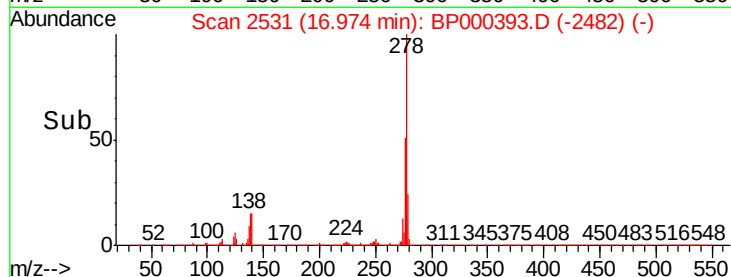
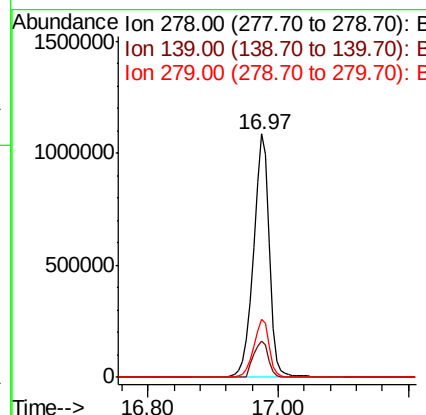
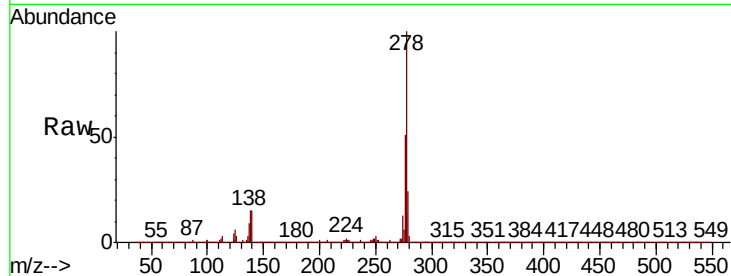


#91
Dibenzo(a,h)anthracene
Concen: 50.226 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

Tot Ion:278 Resp: 1826091

Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.5	21.7
279	23.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 50.019 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BP000393.D
Acq: 24 Sep 2019 19:01

Tgt Ion:276 Resp: 1869238

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	20.7	19.5	29.3

