

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
 Data File : BP009169.D
 Acq On : 15 Feb 2022 23:30
 Operator : CG/JU
 Sample : N1518-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-021122

Quant Time: Feb 16 01:41:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 01:29:44 2022
 Response via : Initial Calibration

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

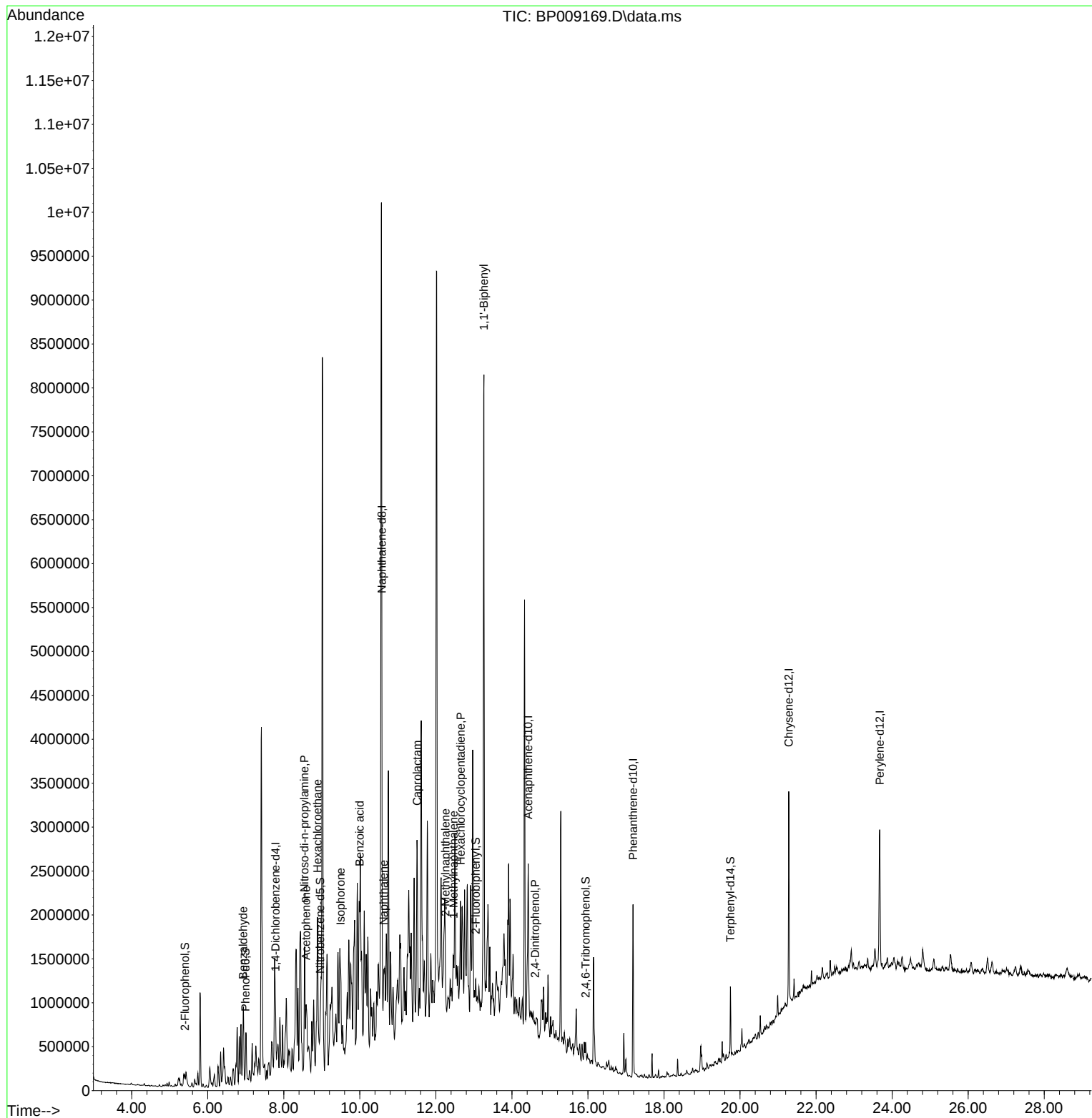
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	230512	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	820603	20.000	ng	# 0.00
39) Acenaphthene-d10	14.428	164	579039	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	1219169	20.000	ng	-0.01
76) Chrysene-d12	21.280	240	1225634	20.000	ng	-0.01
86) Perylene-d12	23.674	264	1270034	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	96754	7.487	ng	0.01
7) Phenol-d6	6.993	99	117725	6.914	ng	0.00
23) Nitrobenzene-d5	8.957	82	118045	8.112	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	59743	7.728	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	245730	5.941	ng	0.00
79) Terphenyl-d14	19.745	244	392583	5.760	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.928	77	22520	2.611	ng	# 1
18) Hexachloroethane	8.887	117	119022	20.867	ng	# 1
19) n-Nitroso-di-n-propyla...	8.546	70	55798	5.723	ng	# 46
22) Acetophenone	8.587	105	412851	21.522	ng	# 62
25) Isophorone	9.499	82	102355	4.234	ng	# 1
31) Naphthalene	10.634	128	133752	3.196	ng	# 74
32) Benzoic acid	9.999	122	1154	2.841	ng	# 1
35) Caprolactam	11.510	113	32580	8.358	ng	# 1
37) 2-Methylnaphthalene	12.251	142	253692	8.566	ng	97
38) 1-Methylnaphthalene	12.469	142	164821	5.695	ng	# 97
41) Hexachlorocyclopentadiene	12.651	237	23	8.659	ng	91
46) 1,1'-Biphenyl	13.263	154	99760	2.345	ng	92
54) 2,4-Dinitrophenol	14.610	184	423	2.283	ng	# 1

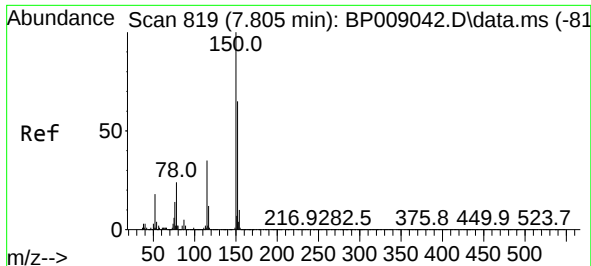
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 01:29:44 2022
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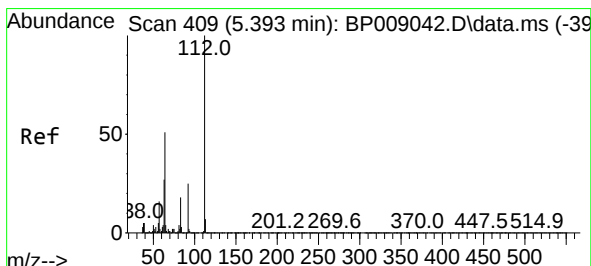
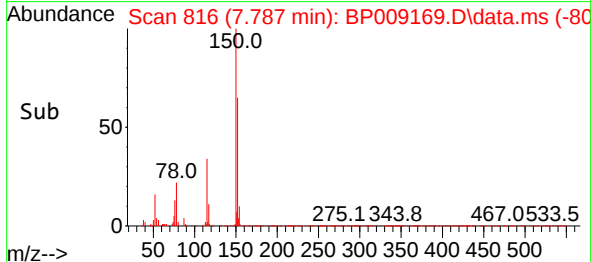
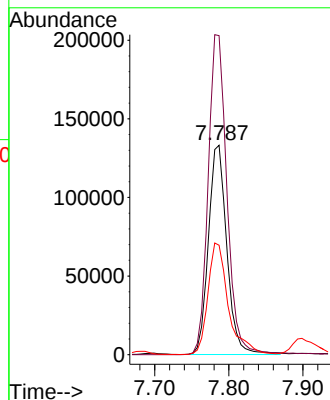
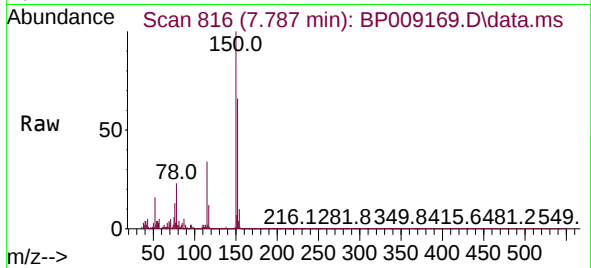




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

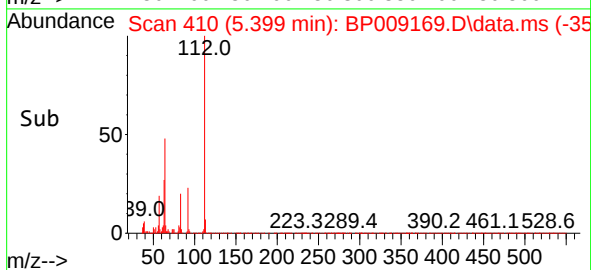
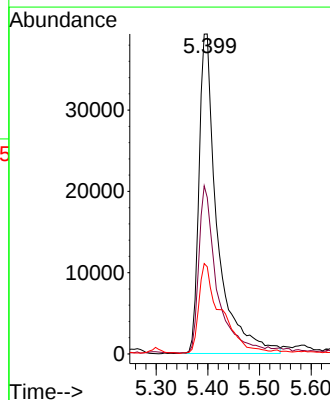
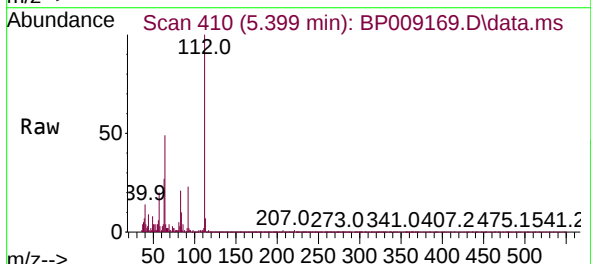
Instrument :
BNA_P
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OR-02-021122

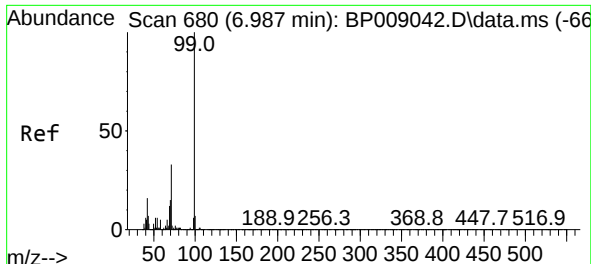
Tgt Ion:152 Resp: 230512
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 52.3 43.7 65.5



#5
2-Fluorophenol
Concen: 7.487 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:112 Resp: 96754
Ion Ratio Lower Upper
112 100
64 48.9 39.7 59.5
63 27.2 20.0 30.0

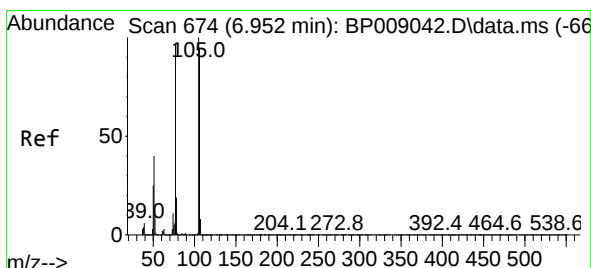
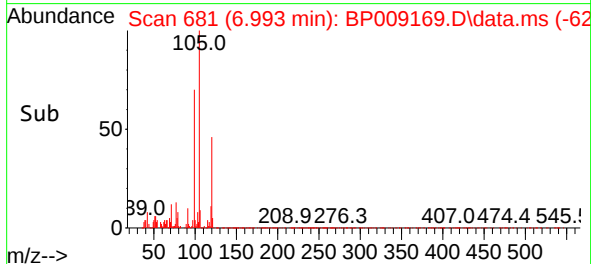
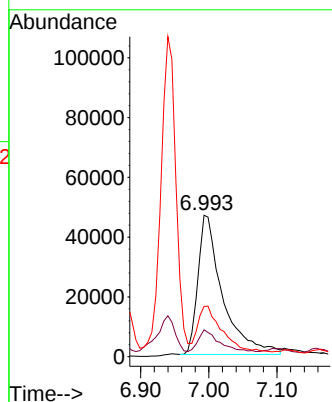
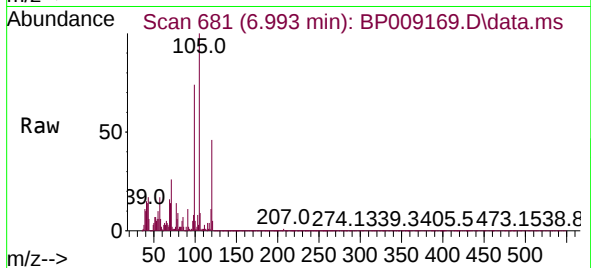




#7
Phenol-d6
Concen: 6.914 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

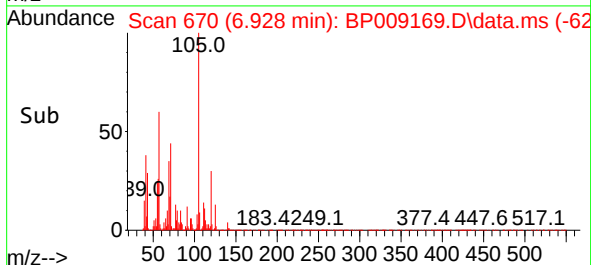
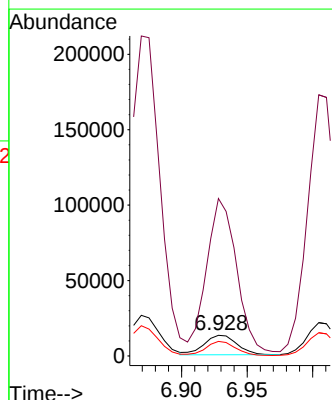
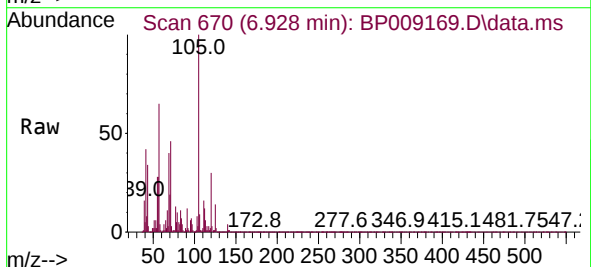
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

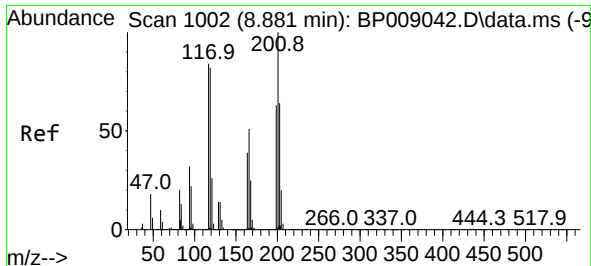
Tgt Ion: 99 Resp: 117725
Ion Ratio Lower Upper
99 100
42 19.0 10.8 16.2#
71 35.5 23.8 35.6



#9
Benzaldehyde
Concen: 2.611 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 77 Resp: 22520
Ion Ratio Lower Upper
77 100
105 761.3 84.2 124.2#
106 70.4 80.6 120.6#

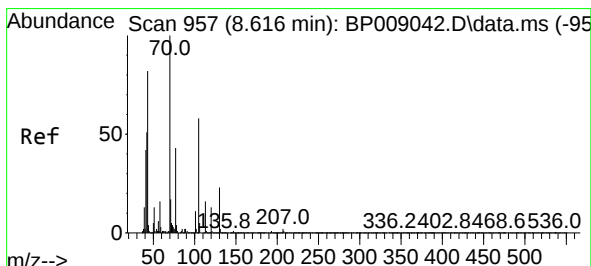
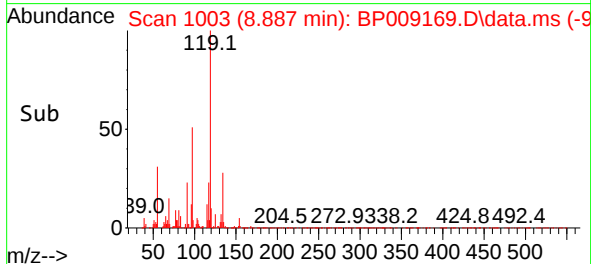
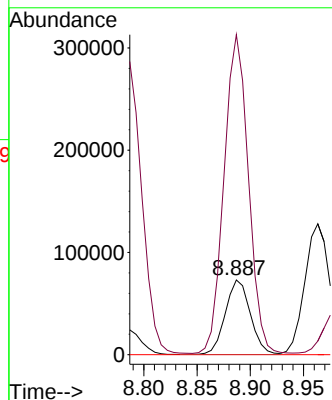
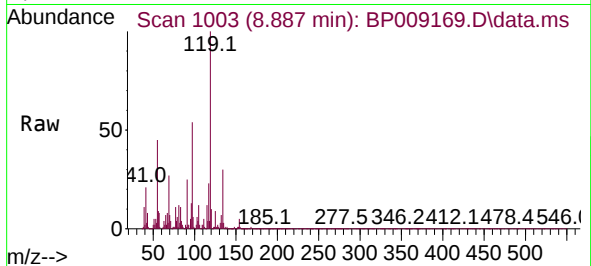




#18
Hexachloroethane
Concen: 20.867 ng
RT: 8.887 min Scan# 119022
Delta R.T. 0.024 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

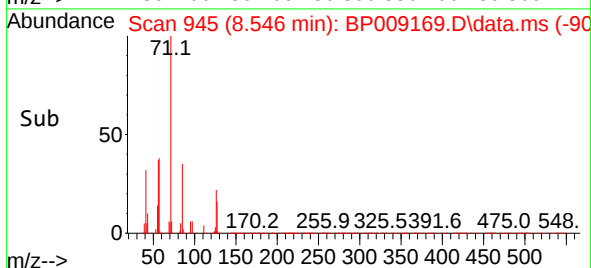
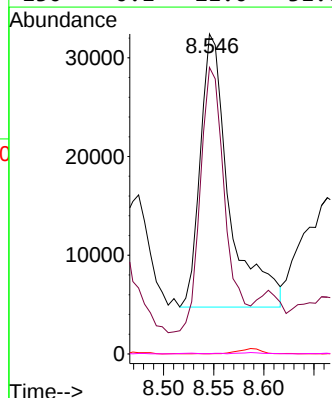
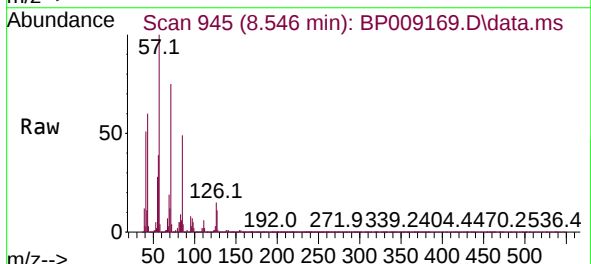
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

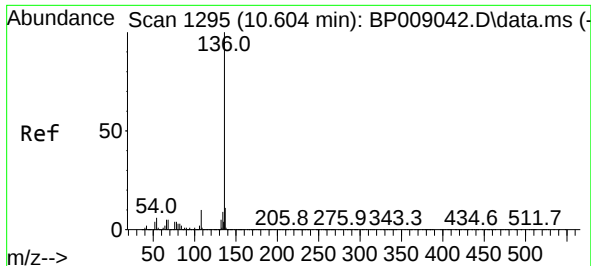
Tgt Ion:117 Resp: 119022
Ion Ratio Lower Upper
117 100
119 427.7 76.9 115.3#
201 0.0 93.7 140.5#



#19
n-Nitroso-di-n-propylamine
Concen: 5.723 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.059 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 70 Resp: 55798
Ion Ratio Lower Upper
70 100
42 89.5 38.2 57.2#
101 0.1 8.7 13.1#
130 0.1 21.0 31.6#

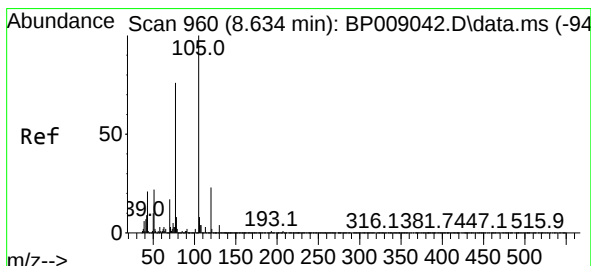
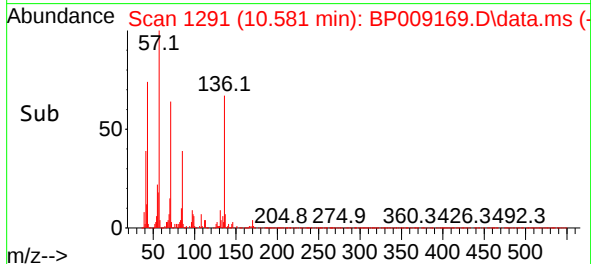
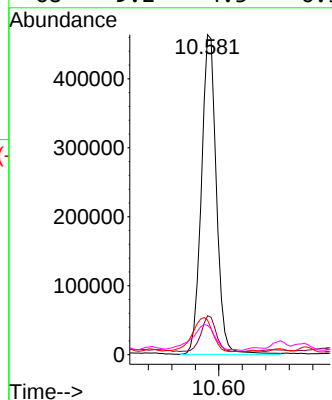
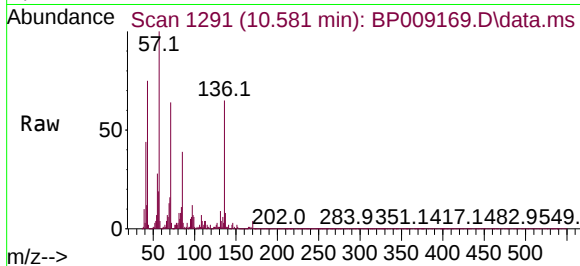




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

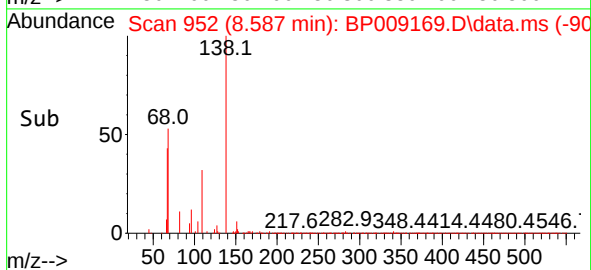
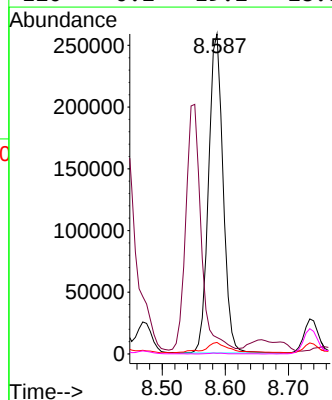
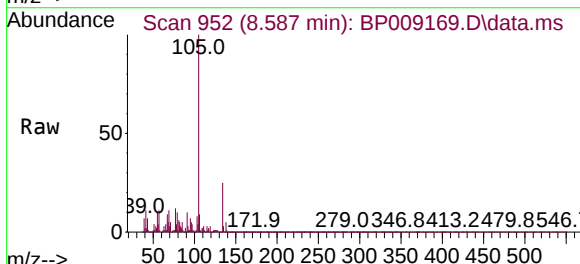
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

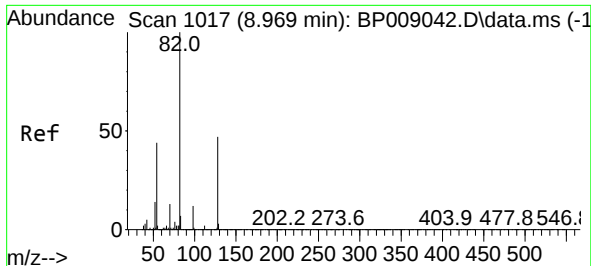
Tgt Ion:	136	Resp:	820603
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.4
54	10.8	4.9	7.3#
68	9.2	4.3	6.5#



#22
Acetophenone
Concen: 21.522 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.035 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:	105	Resp:	412851
Ion Ratio	Lower	Upper	
105	100		
71	5.2	5.3	7.9#
51	3.6	16.3	24.5#
120	0.2	19.2	28.8#

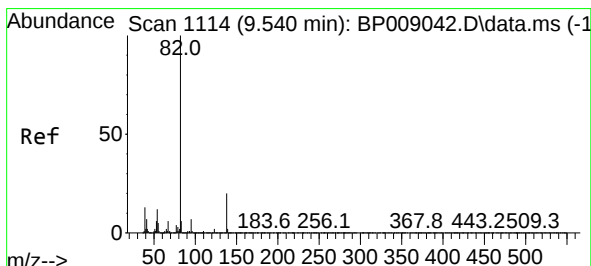
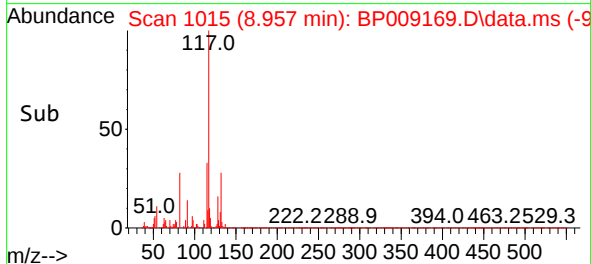
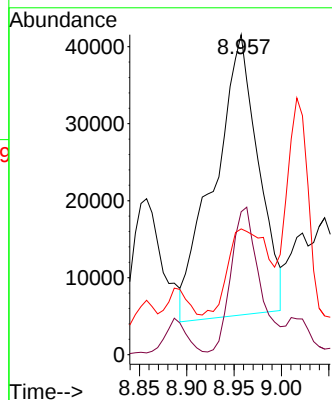
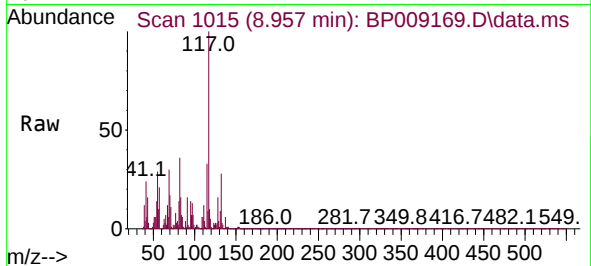




#23
Nitrobenzene-d5
Concen: 8.112 ng
RT: 8.957 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

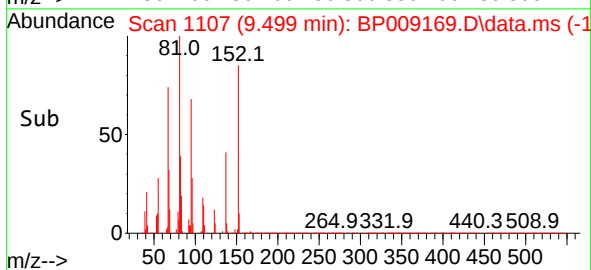
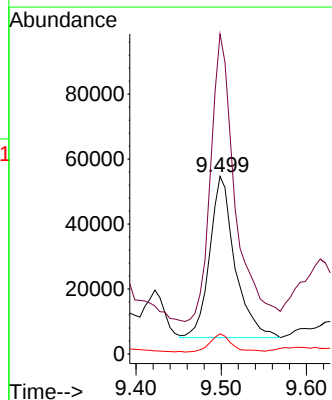
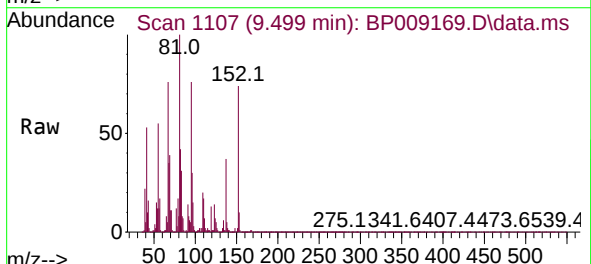
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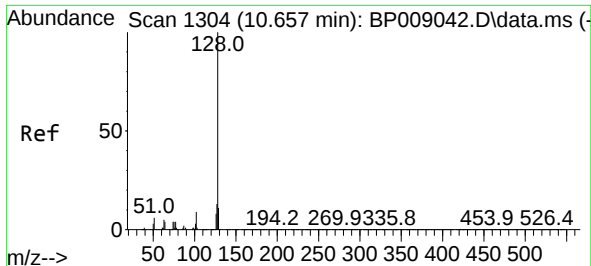
Tgt Ion: 82 Resp: 118045
Ion Ratio Lower Upper
82 100
128 44.7 39.4 59.2
54 39.3 32.6 48.8



#25
Isophorone
Concen: 4.234 ng
RT: 9.499 min Scan# 1107
Delta R.T. -0.029 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion: 82 Resp: 102355
Ion Ratio Lower Upper
82 100
95 180.2 5.4 8.2#
138 11.3 16.6 24.8#

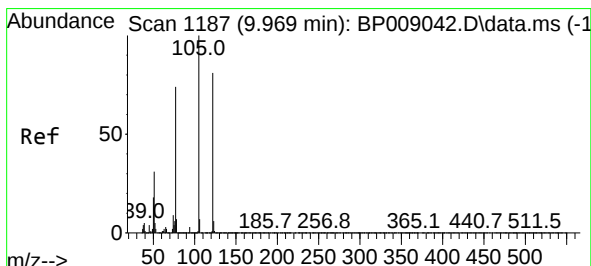
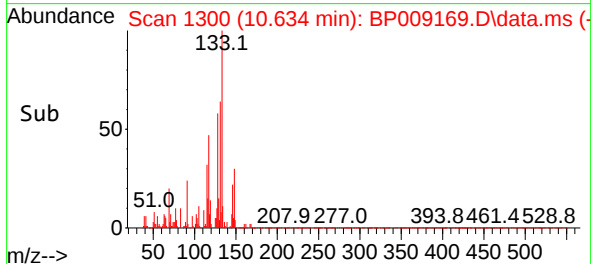
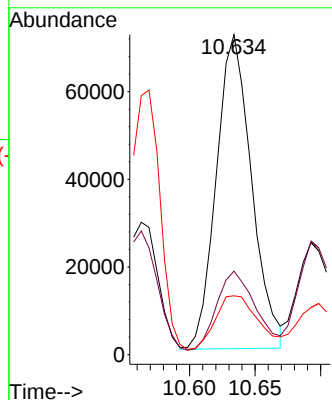
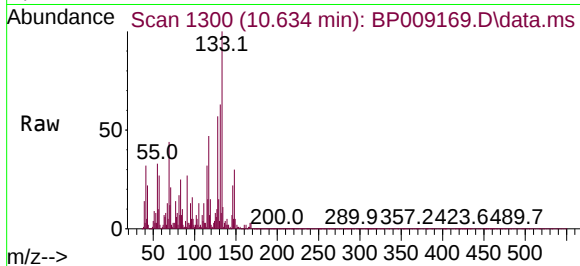




#31
Naphthalene
Concen: 3.196 ng
RT: 10.634 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

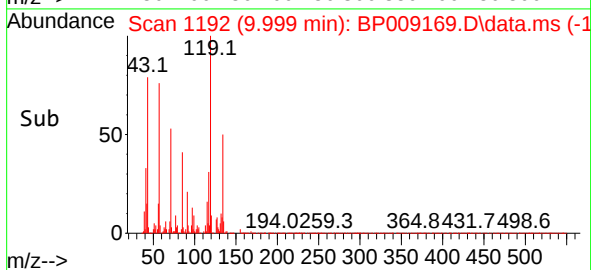
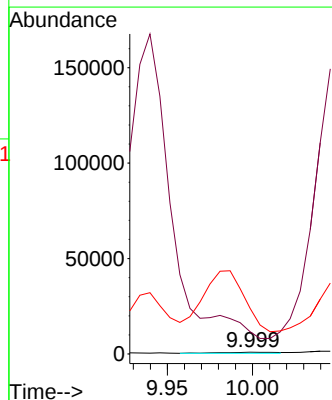
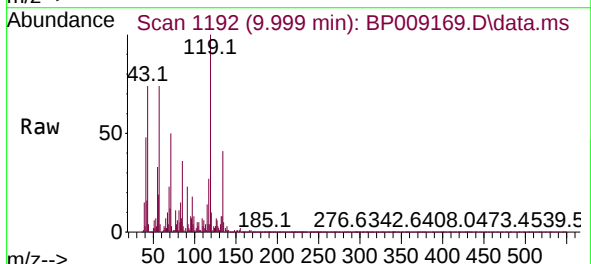
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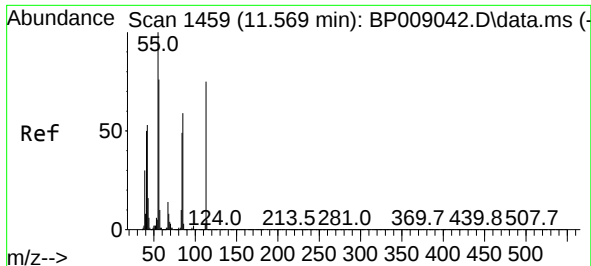
Tgt Ion:128 Resp: 133752
Ion Ratio Lower Upper
128 100
129 26.1 8.8 13.2#
127 18.4 10.4 15.6#



#32
Benzoic acid
Concen: 2.841 ng
RT: 9.999 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:122 Resp: 1154
Ion Ratio Lower Upper
122 100
105 1309.6 100.1 140.1#
77 2684.3 65.5 105.5#

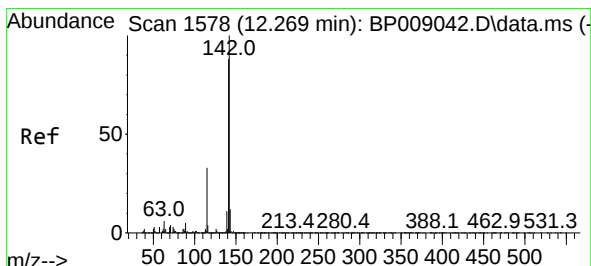
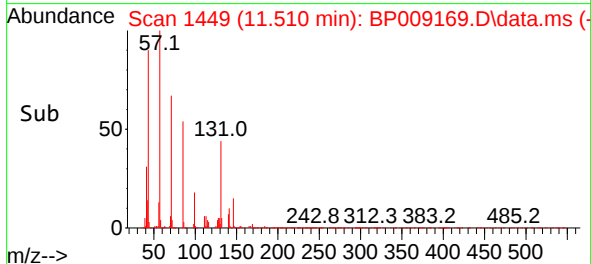
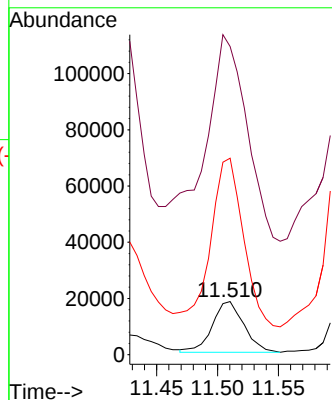
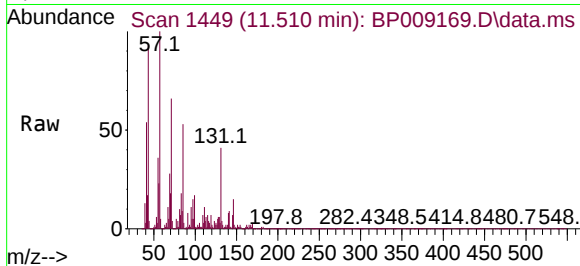




#35
Caprolactam
Concen: 8.358 ng
RT: 11.510 min Scan# 1459
Delta R.T. -0.059 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

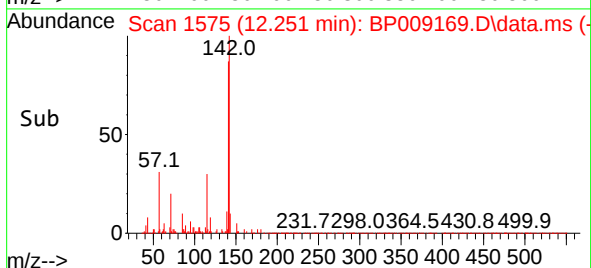
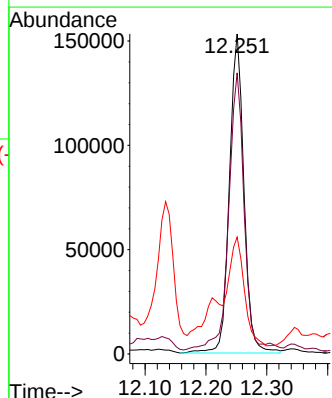
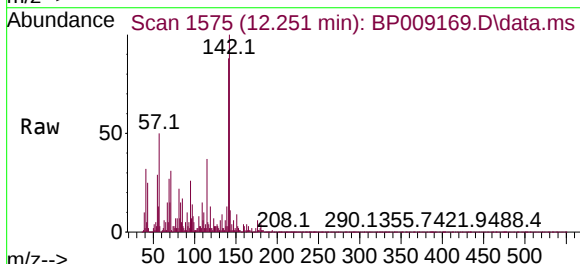
Instrument :
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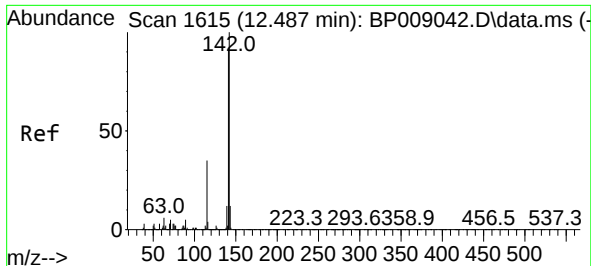
Tgt Ion:113 Resp: 32580
Ion Ratio Lower Upper
113 100
55 580.5 107.1 147.1#
56 370.1 74.1 114.1#



#37
2-Methylnaphthalene
Concen: 8.566 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:142 Resp: 253692
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 36.5 24.6 36.8

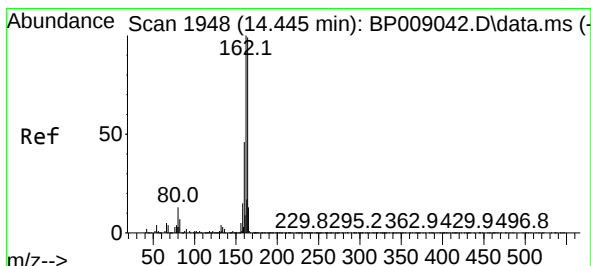
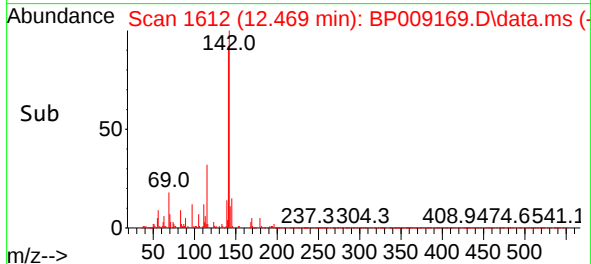
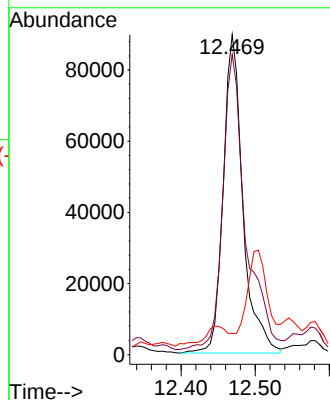
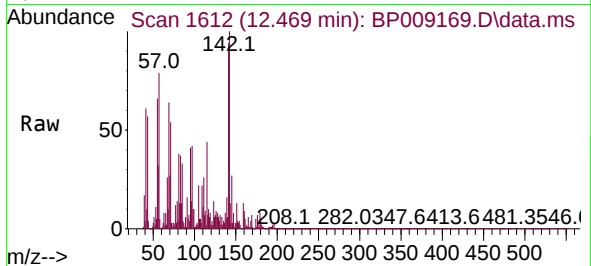




#38
1-Methylnaphthalene
Concen: 5.695 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

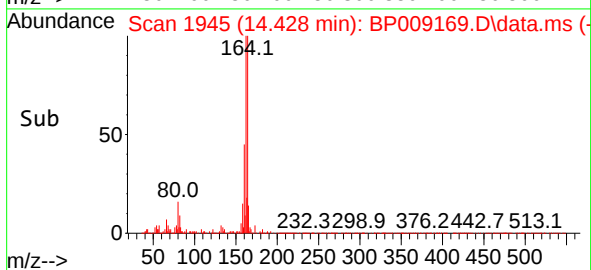
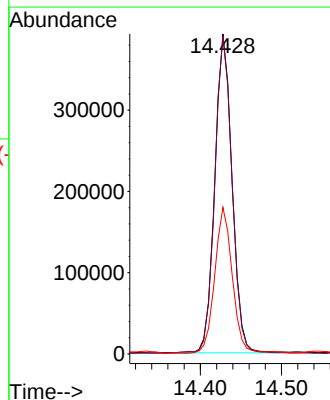
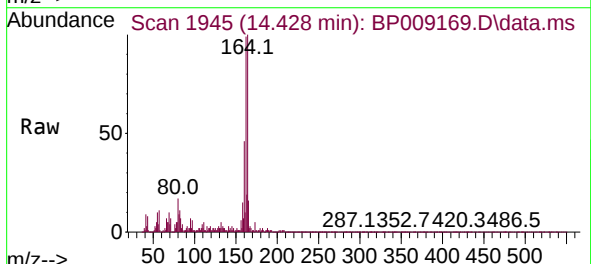
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

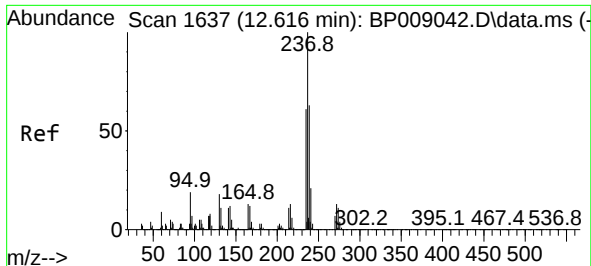
Tgt Ion:142 Resp: 164821
Ion Ratio Lower Upper
142 100
141 93.8 73.2 109.8
116 6.7 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:164 Resp: 579039
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 45.8 35.5 53.3

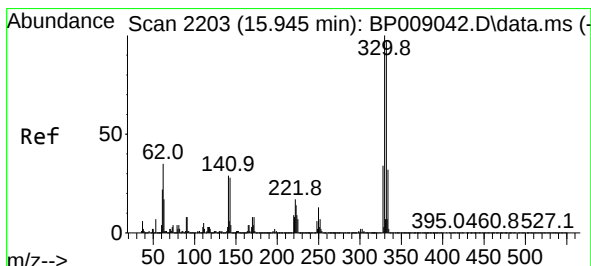
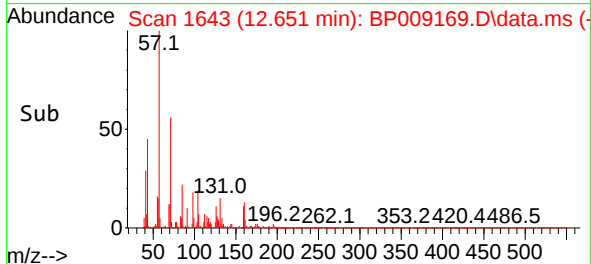
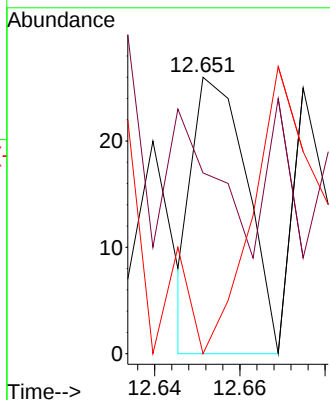
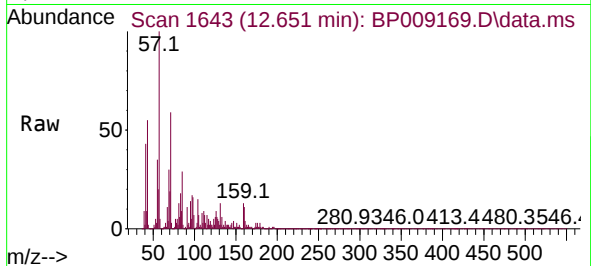




#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.047 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

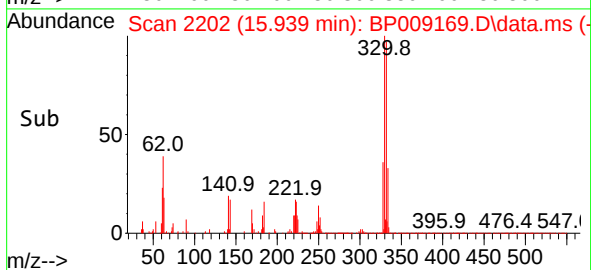
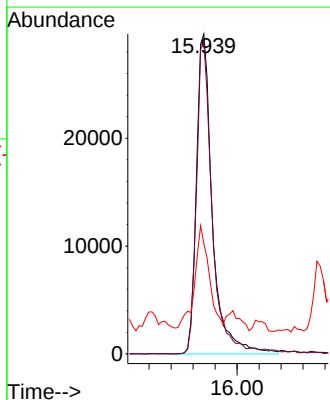
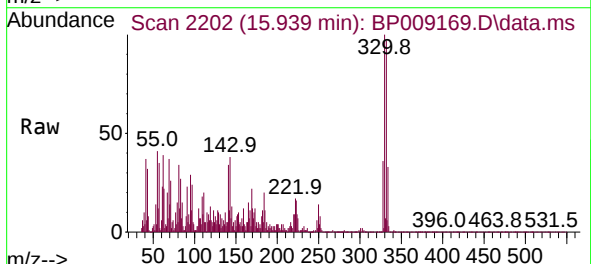
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

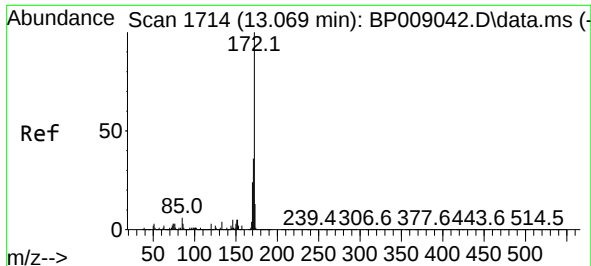
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.9	82.9
272	0.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 7.728 ng
RT: 15.939 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:	330	Resp:	59743
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	29.0	21.3	31.9

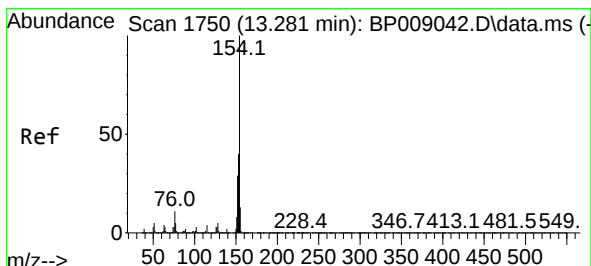
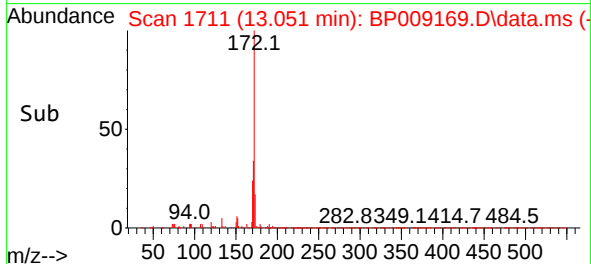
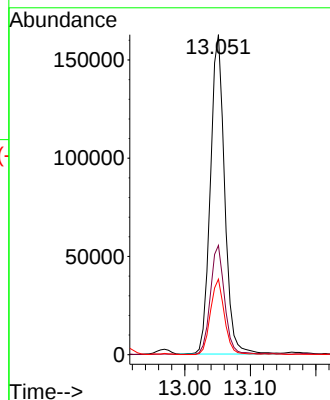
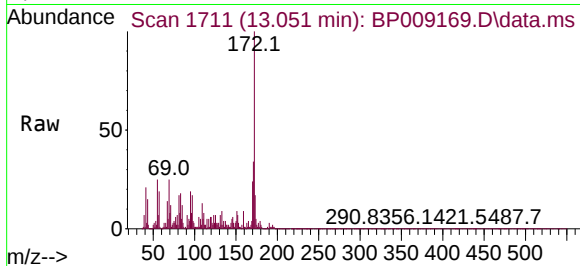




#45
2-Fluorobiphenyl
Concen: 5.941 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

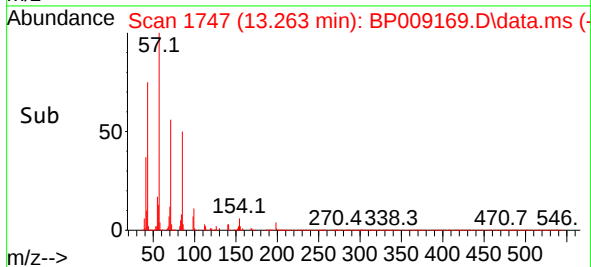
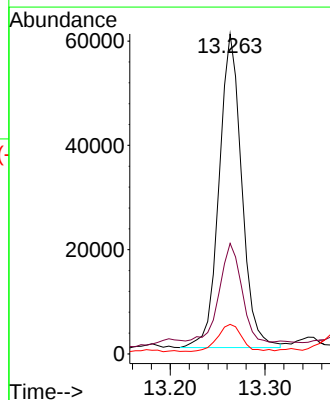
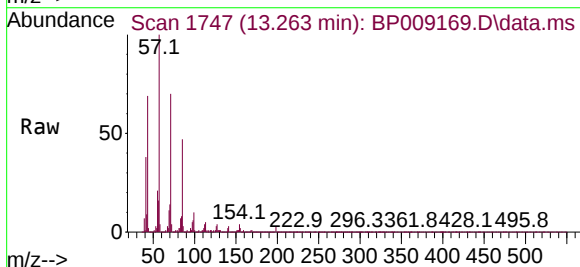
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

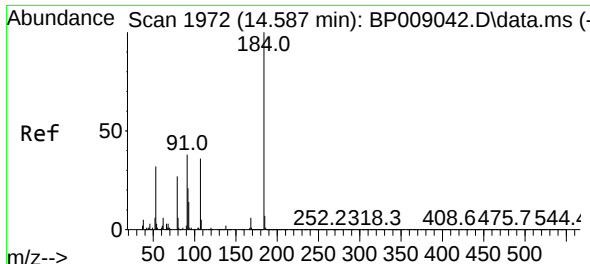
Tgt Ion:	172	Resp:	245730
Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.3	43.9
170	23.6	19.5	29.3



#46
1,1'-Biphenyl
Concen: 2.345 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:	154	Resp:	99760
Ion	Ratio	Lower	Upper
154	100		
153	34.6	20.3	60.3
76	9.2	0.0	31.1

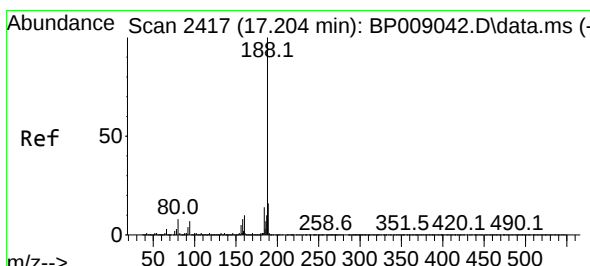
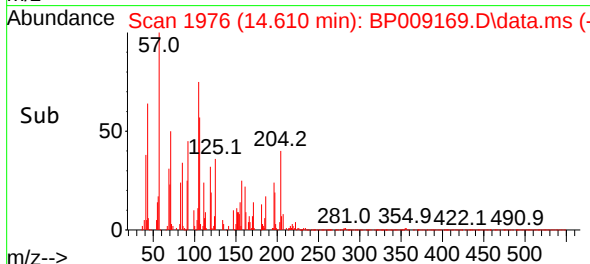
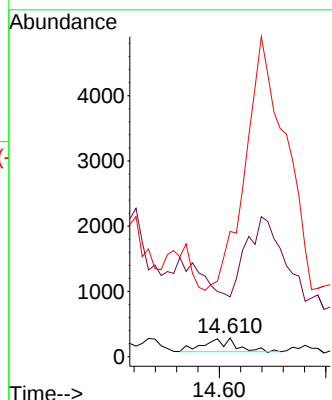
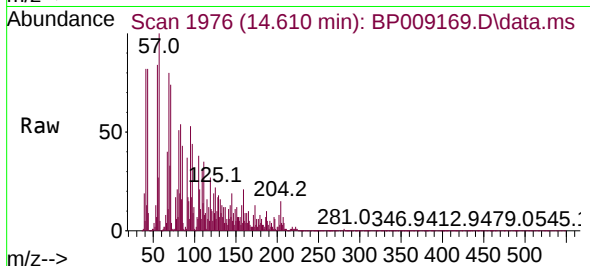




#54
2,4-Dinitrophenol
Concen: 2.283 ng
RT: 14.610 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

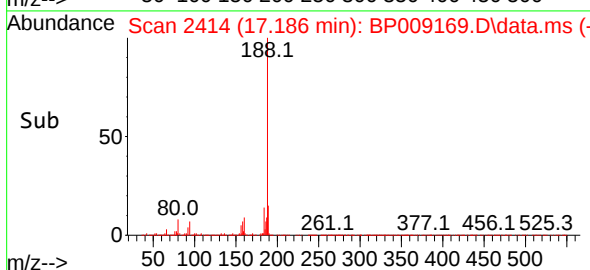
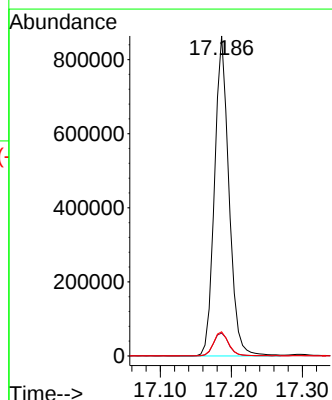
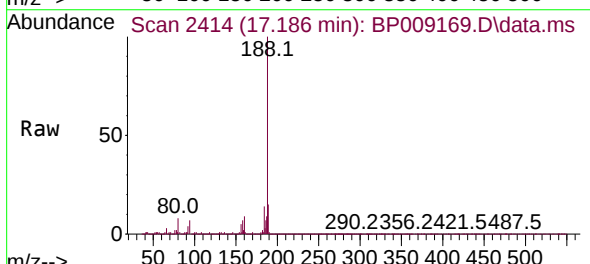
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

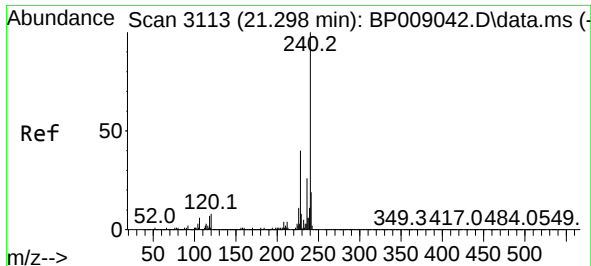
Tgt Ion:184 Resp: 423
Ion Ratio Lower Upper
184 100
63 318.8 35.6 53.4#
154 666.3 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:188 Resp: 1219169
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.6 7.2 10.8

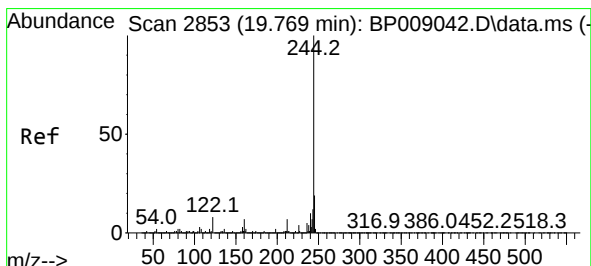
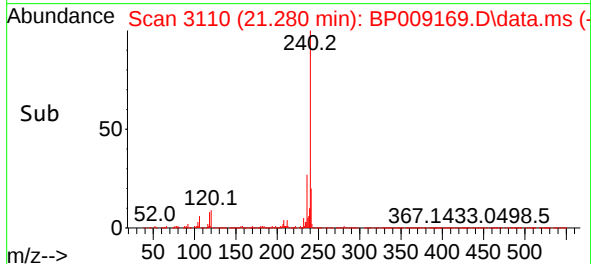
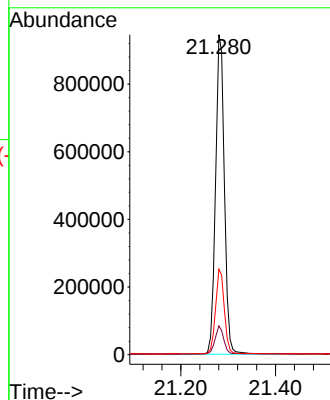
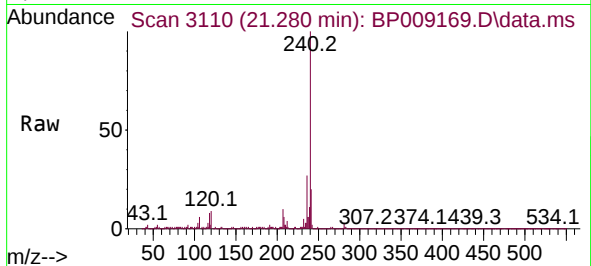




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

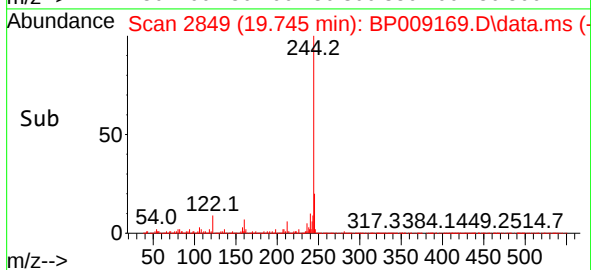
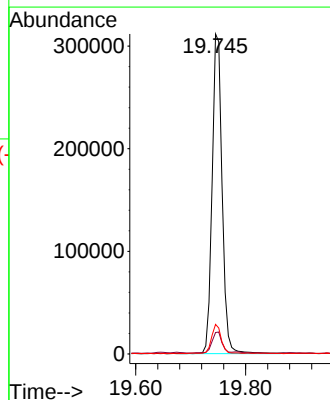
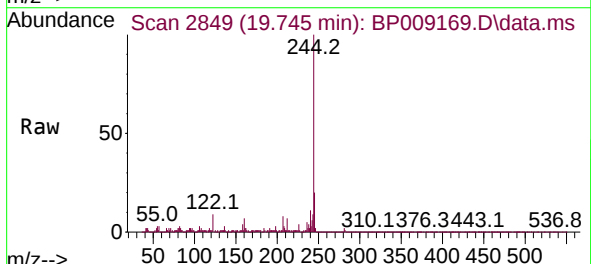
Instrument :
BNA_P
ClientSampleId :
OR-02-021122

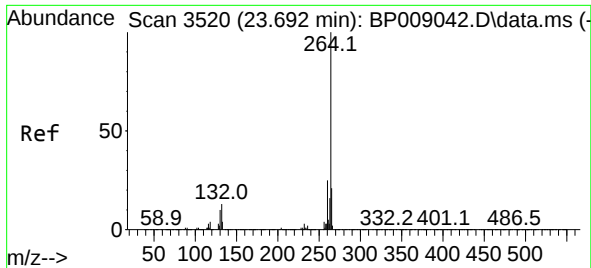
Tgt Ion:240 Resp: 1225634
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.7 21.2 31.8



#79
Terphenyl-d14
Concen: 5.760 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BP009169.D
Acq: 15 Feb 2022 23:30

Tgt Ion:244 Resp: 392583
Ion Ratio Lower Upper
244 100
212 6.7 6.5 9.7
122 9.3 9.2 13.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.674 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP009169.D
 Acq: 15 Feb 2022 23:30

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-021122

Tgt Ion:264 Resp: 1270034
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 22.7 17.1 25.7

