

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008069.D
 Acq On : 20 Nov 2021 21:39
 Operator : CG/JU
 Sample : M4766-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27165

Quant Time: Nov 22 05:34:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

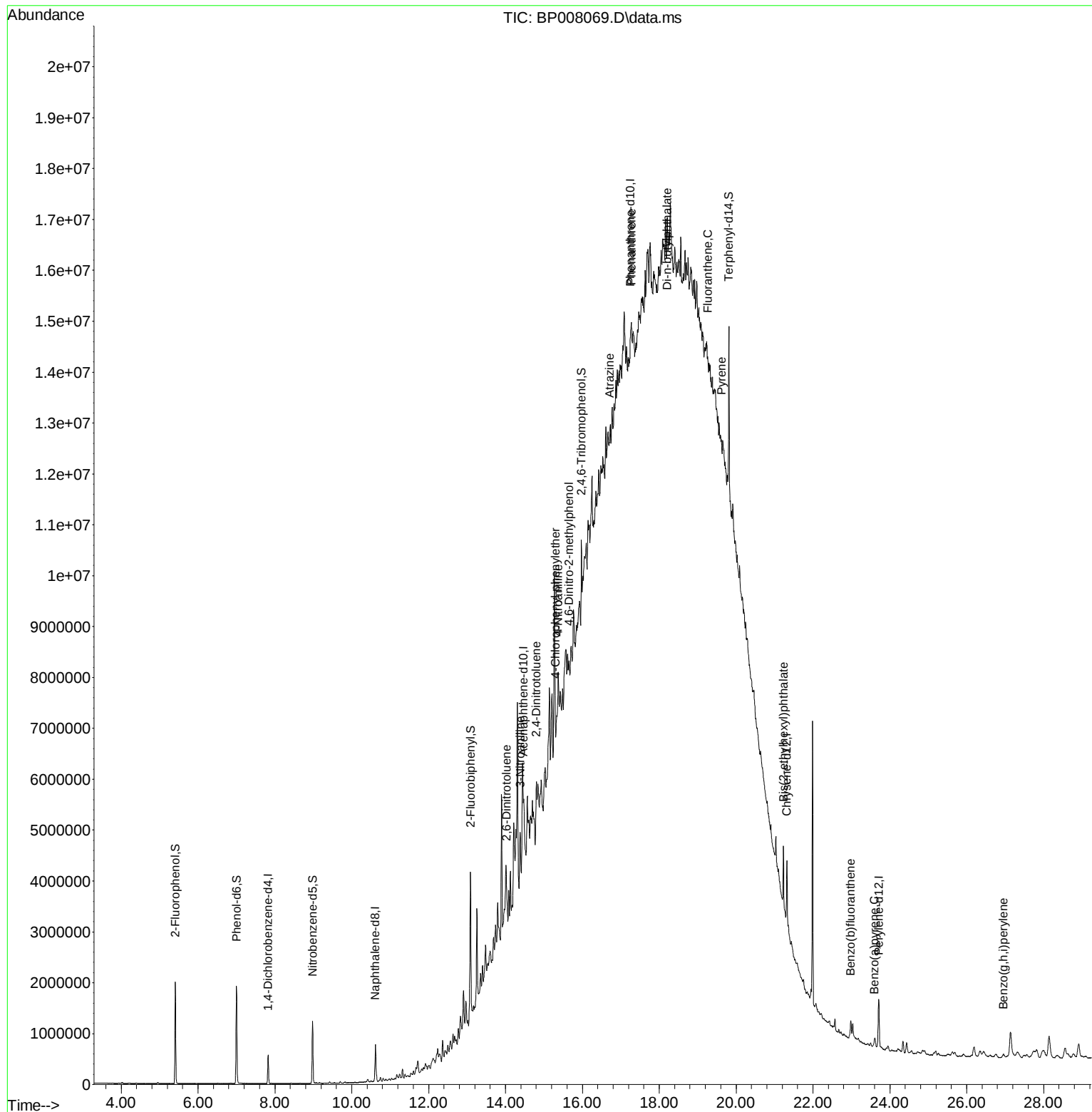
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	142573	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	567225	20.00	ng	-0.01
39) Acenaphthene-d10	14.469	164	304125	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	493813	20.00	ng	# 0.02
76) Chrysene-d12	21.322	240	643008	20.00	ng	0.00
86) Perylene-d12	23.710	264	743727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	784676	94.07	ng	0.00
7) Phenol-d6	6.999	99	1040789	90.01	ng	-0.01
23) Nitrobenzene-d5	8.981	82	721996	57.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.975	330	366273	95.17	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	1373433	70.71	ng	0.00
79) Terphenyl-d14	19.810	244	1841964	56.32	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.969	77	1212	Below Cal	#	70
51) 2,6-Dinitrotoluene	14.028	165	60669	12.57	ng	# 26
53) 3-Nitroaniline	14.381	138	57799	11.46	ng	# 16
57) 2,4-Dinitrotoluene	14.804	165	18925	2.84	ng	# 42
58) Fluorene	15.557	166	5225	Below Cal	#	1
61) 4-Chlorophenyl-phenyle...	15.298	204	81747	4.91	ng	92
62) 4-Nitroaniline	15.369	138	102798	19.81	ng	81
65) 4,6-Dinitro-2-methylph...	15.657	198	8806	2.64	ng	# 1
69) Atrazine	16.710	200	18091	5.05	ng	# 1
71) Phenanthrene	17.287	178	70376	2.65	ng	# 1
74) Di-n-butylphthalate	18.204	149	81707	2.80	ng	# 36
75) Fluoranthene	19.269	202	94914	2.77	ng	# 16
78) Pyrene	19.616	202	107622	2.46	ng	# 40
82) 3,3'-Dichlorobenzidine	21.251	252	1093	Below Cal	#	37
84) Bis(2-ethylhexyl)phtha...	21.233	149	457174	18.52	ng	98
88) Benzo(b)fluoranthene	22.980	252	131160	2.82	ng	# 87
90) Benzo(a)pyrene	23.598	252	86212	2.21	ng	# 89
92) Benzo(g,h,i)perylene	26.957	276	87289	2.07	ng	# 92

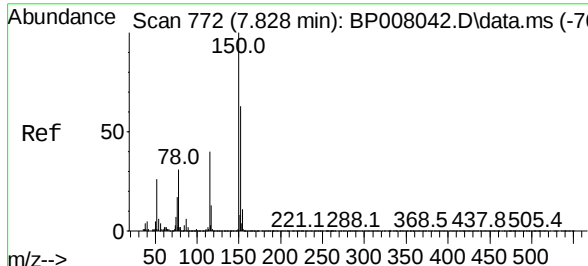
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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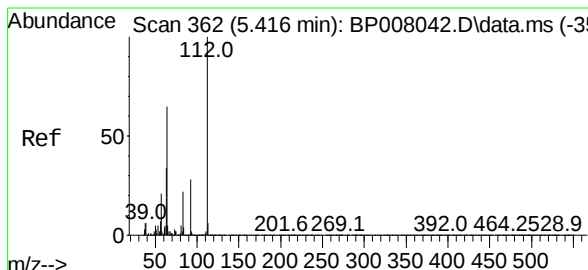
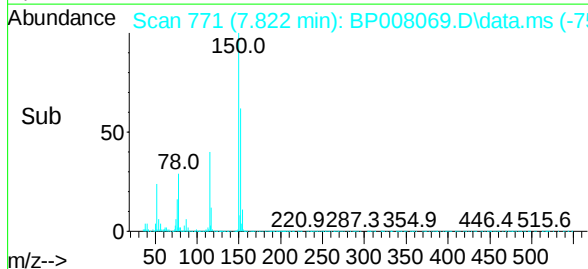
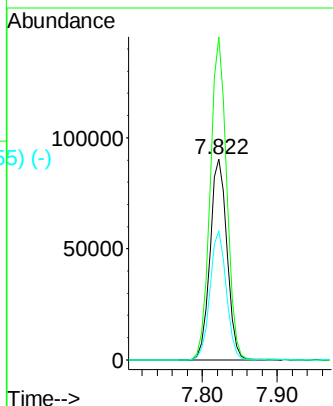
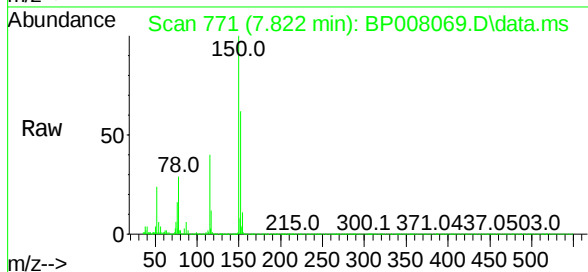




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

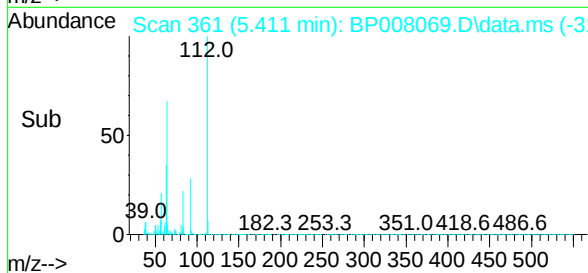
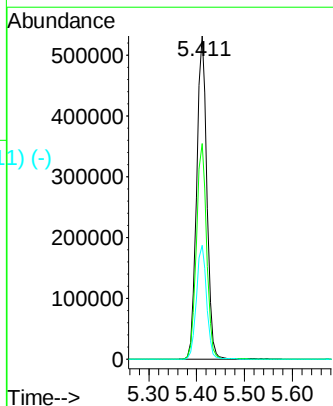
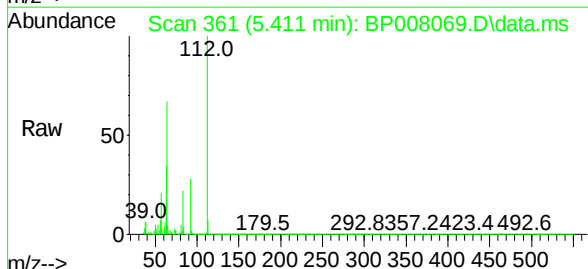
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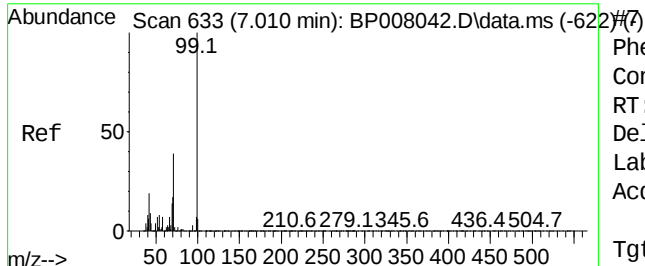
Tgt Ion:	152	Resp:	142573
Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.5	189.7
115	64.2	50.6	75.8



2-Fluorophenol
 Concen: 94.07 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

Tgt Ion:	112	Resp:	784676
Ion	Ratio	Lower	Upper
112	100		
64	66.8	51.7	77.5
63	35.2	27.4	41.0

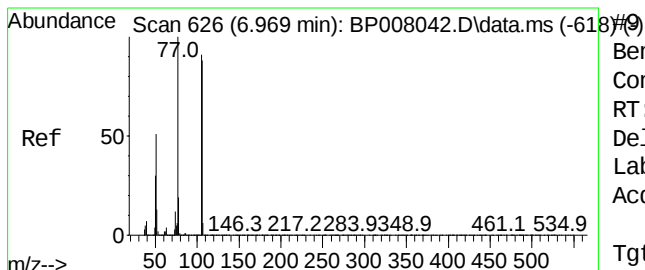
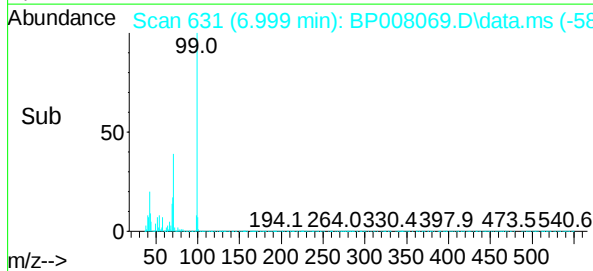
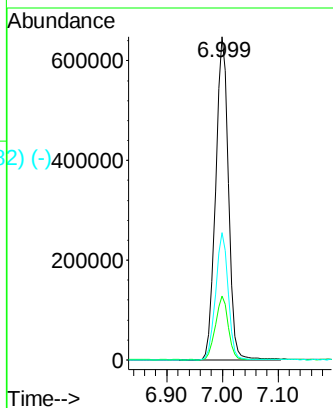
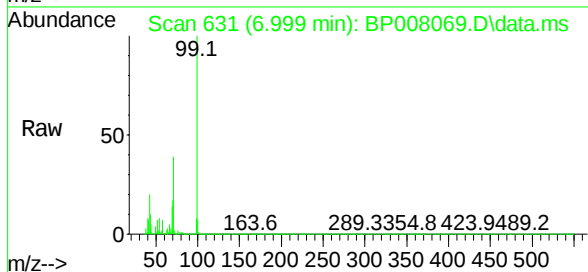




Phenol-d6
 Concen: 90.01 ng
 RT: 6.999 min Scan# 631
 Delta R.T. -0.011 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

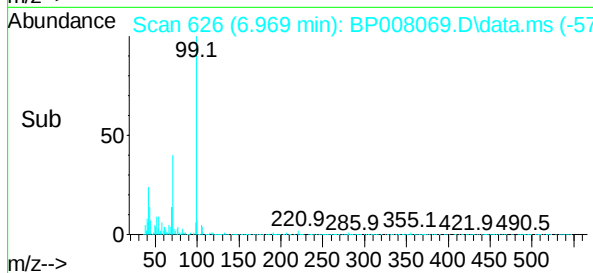
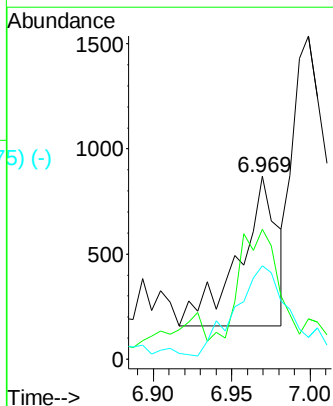
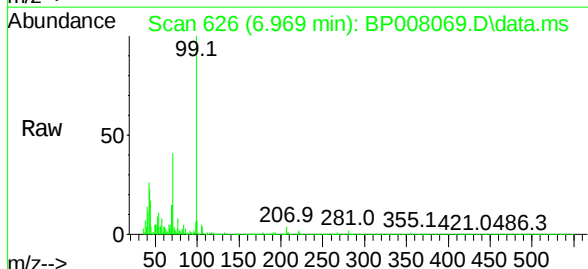
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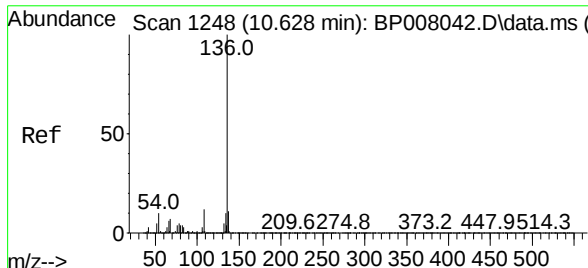
Tgt Ion: 99 Resp: 1040789
 Ion Ratio Lower Upper
 99 100
 42 19.7 15.4 23.2
 71 39.4 31.0 46.6



Benzaldehyde
 Concen: Below Cal
 RT: 6.969 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

Tgt Ion: 77 Resp: 1212
 Ion Ratio Lower Upper
 77 100
 105 71.0 71.5 111.5#
 106 51.0 67.9 107.9#

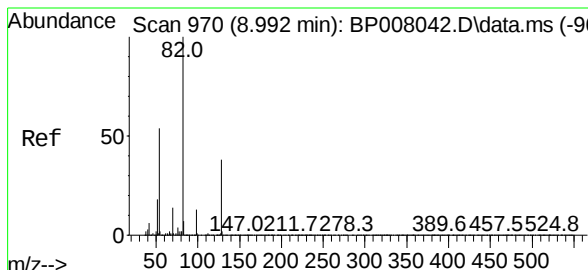
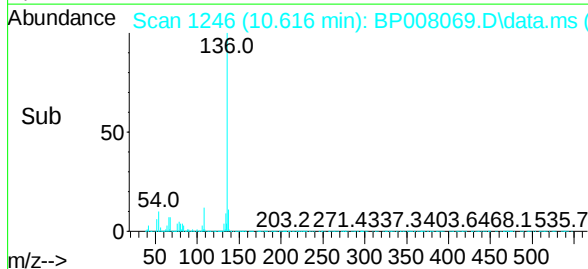
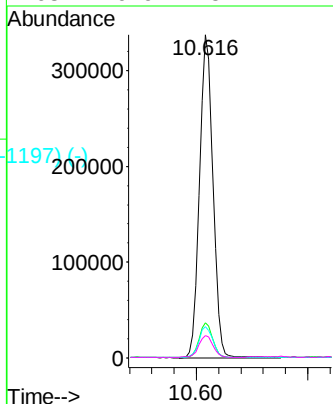
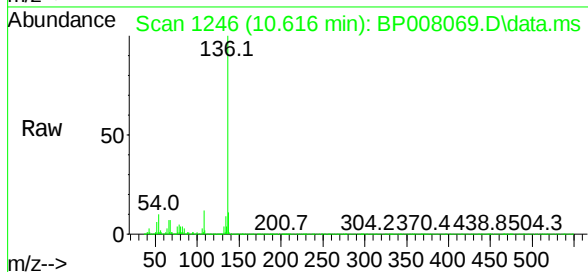




Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.616 min Scan# 1246
 Delta R.T. -0.012 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

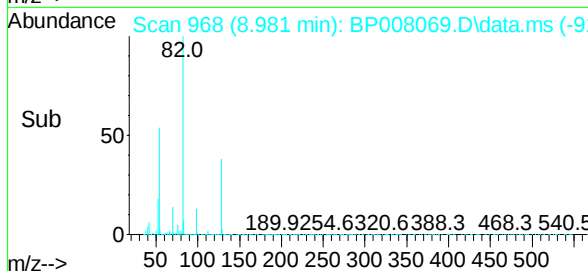
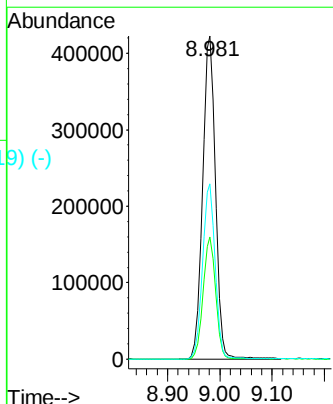
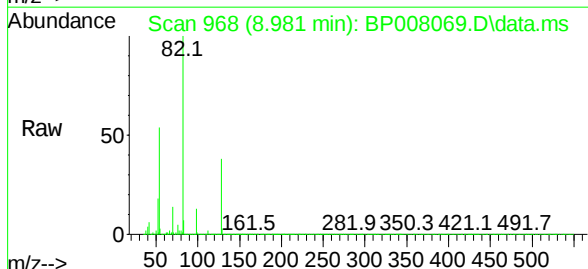
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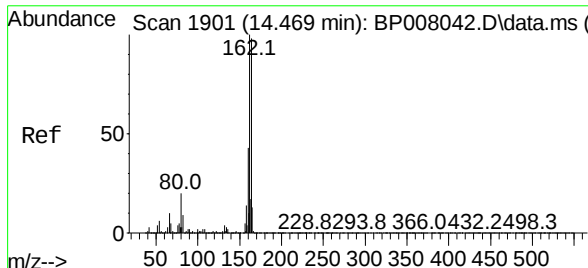
Tgt Ion:	136	Resp:	567225
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.8	8.0	12.0
68	6.9	5.2	7.8



Nitrobenzene-d5
 Concen: 57.74 ng
 RT: 8.981 min Scan# 968
 Delta R.T. -0.011 min
 Lab File: BP008069.D
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Tgt Ion:	82	Resp:	721996
Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.2	45.2
54	54.2	43.1	64.7

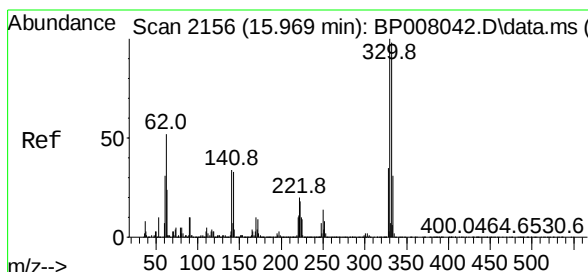
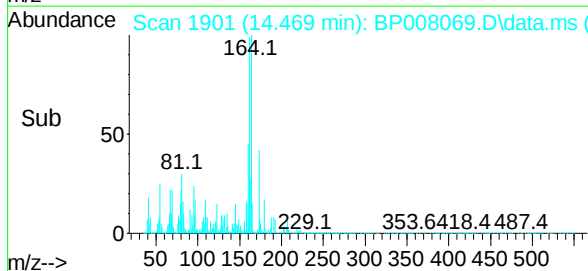
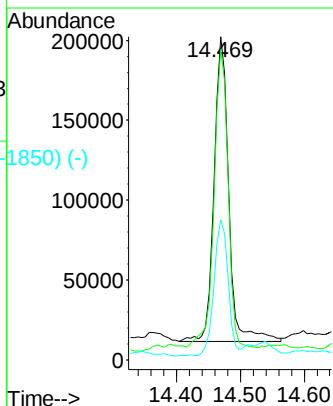
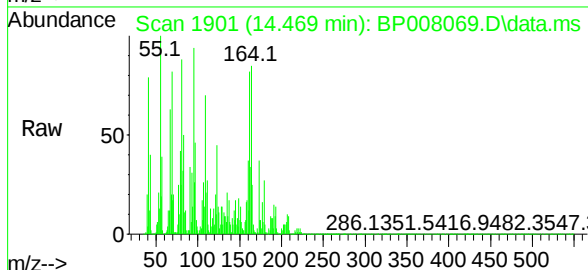




Scan 1901 (14.469 min): BP008042.D\data.ms (-1850) (-)
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.469 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

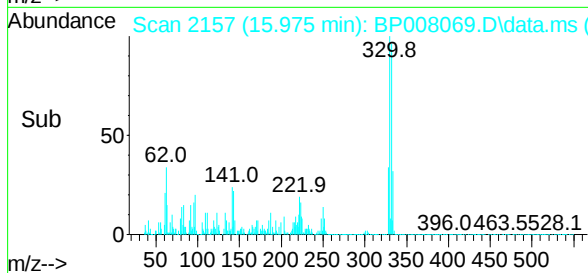
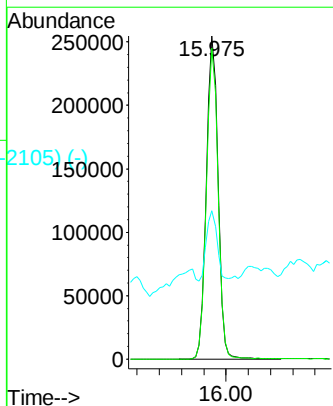
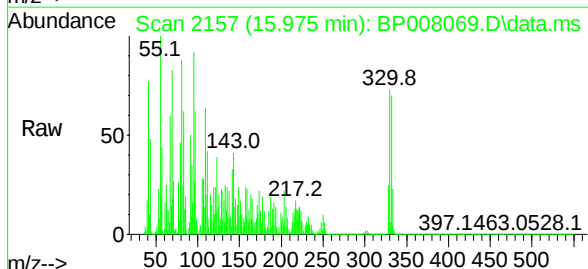
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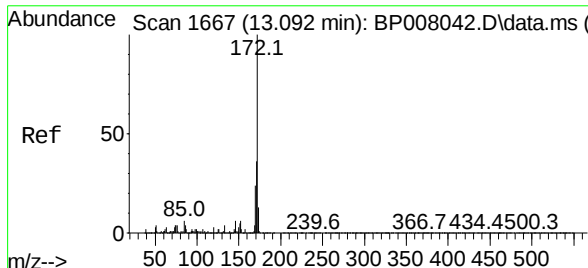
Tgt Ion:	164	Resp:	304125
Ion	Ratio	Lower	Upper
164	100		
162	96.0	81.8	122.8
160	43.4	35.1	52.7



Scan 2156 (15.969 min): BP008042.D\data.ms (-2140) (-)
 2,4,6-Tribromophenol
 Concen: 95.17 ng
 RT: 15.975 min Scan# 2157
 Delta R.T. 0.006 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

Tgt Ion:	330	Resp:	366273
Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	19.8	29.6	44.4#

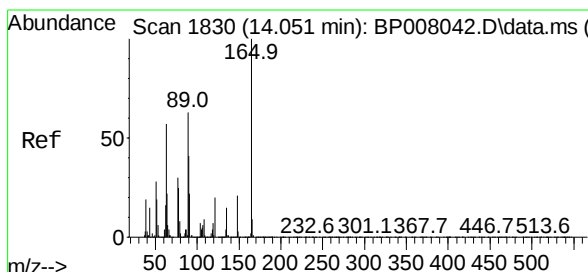
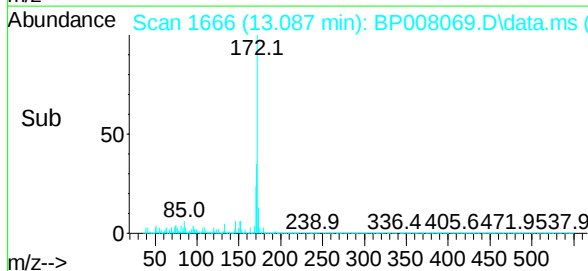
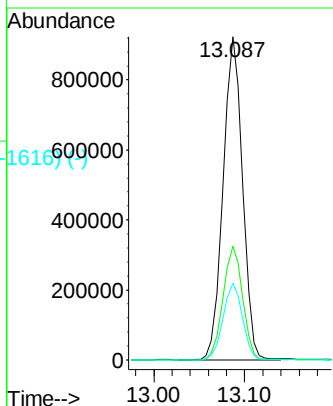
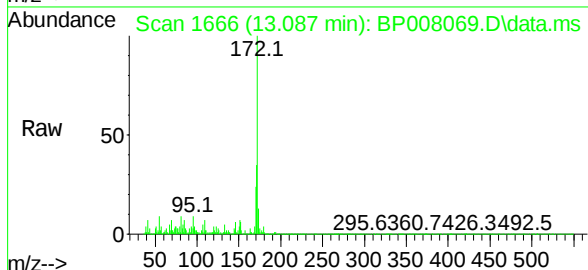




Scan 1667 (13.092 min): BP008042.D\data.ms (-1651) (-)
 2-Fluorobiphenyl
 Concen: 70.71 ng
 RT: 13.087 min Scan# 1651
 Delta R.T. -0.005 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

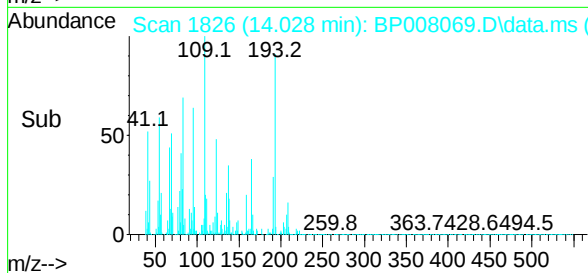
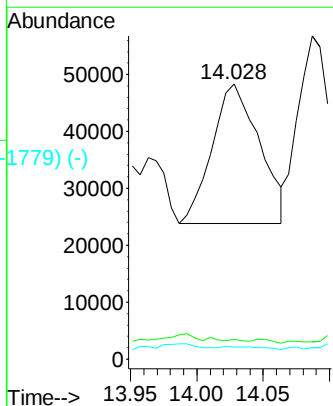
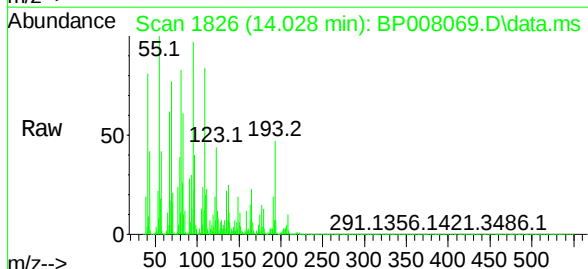
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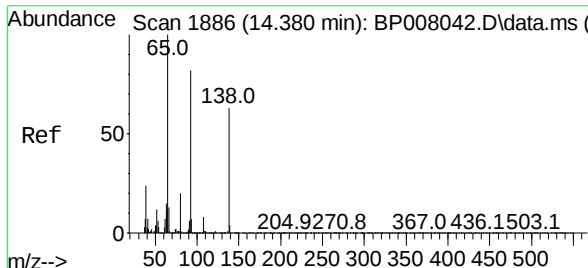
Tgt Ion:	172	Resp:	1373433
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.8	19.0	28.4



Scan 1830 (14.051 min): BP008042.D\data.ms (-1852) (-)
 2,6-Dinitrotoluene
 Concen: 12.57 ng
 RT: 14.028 min Scan# 1826
 Delta R.T. -0.023 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

Tgt Ion:	165	Resp:	60669
Ion	Ratio	Lower	Upper
165	100		
63	7.1	51.0	76.6#
89	4.4	50.5	75.7#

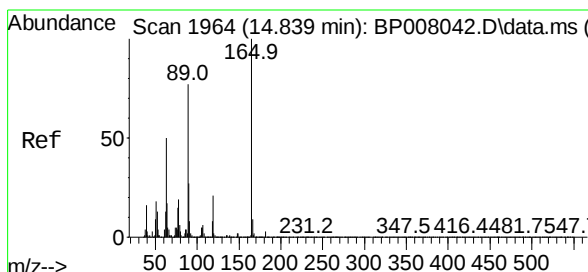
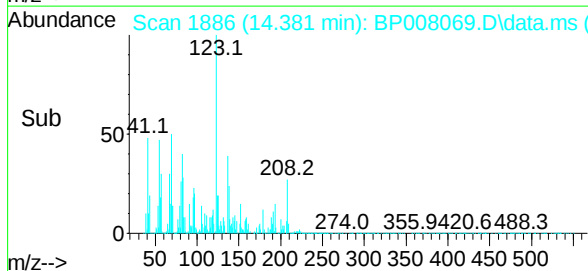
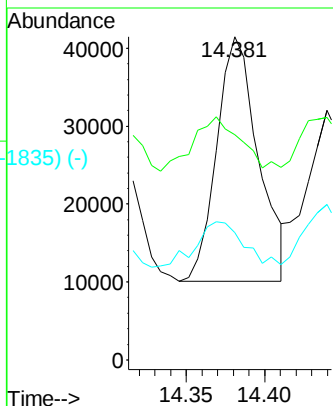
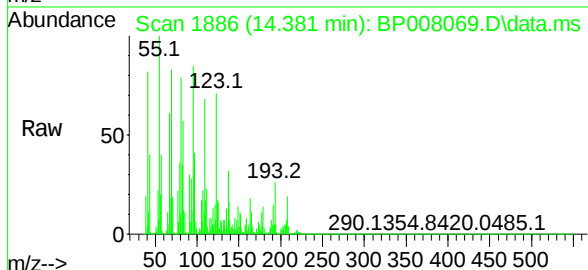




Scan 1886 (14.380 min): BP008042.D\data.ms (-1858) (-)
 3-Nitroaniline
 Concen: 11.46 ng
 RT: 14.381 min Scan# 1886
 Delta R.T. 0.000 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

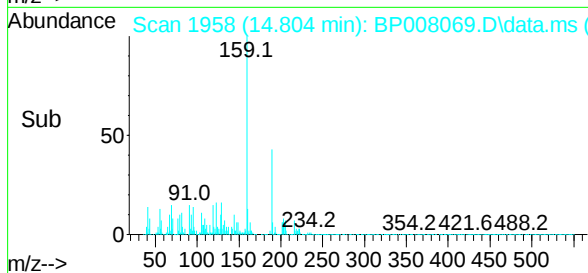
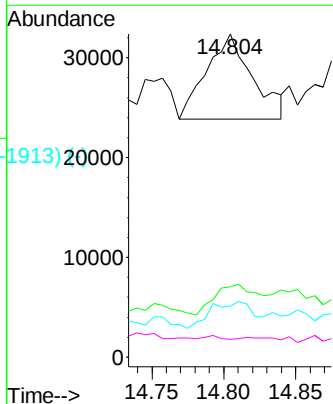
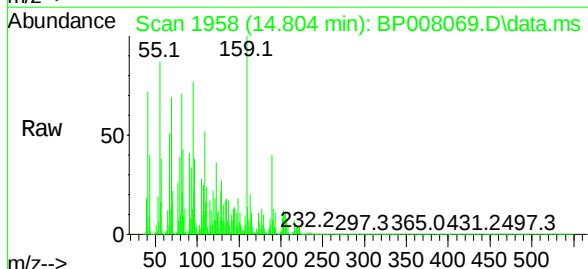
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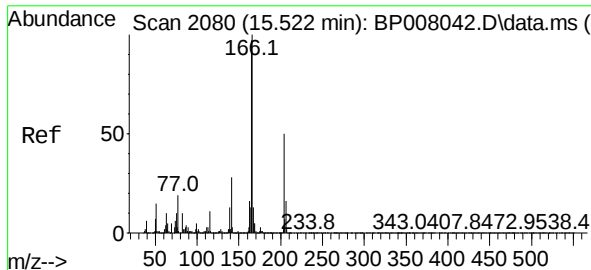
Tgt Ion:	138	Resp:	57799
Ion Ratio	Lower	Upper	
138	100		
108	69.8	9.6	14.4#
92	39.3	104.8	157.2#



Scan 1957 (14.839 min): BP008042.D\data.ms (-1957) (-)
 2,4-Dinitrotoluene
 Concen: 2.84 ng
 RT: 14.804 min Scan# 1958
 Delta R.T. -0.035 min
 Lab File: BP008069.D
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Tgt Ion:	165	Resp:	18925
Ion Ratio	Lower	Upper	
165	100		
63	21.7	40.0	60.0#
89	15.7	61.8	92.8#
182	5.5	2.2	3.2#

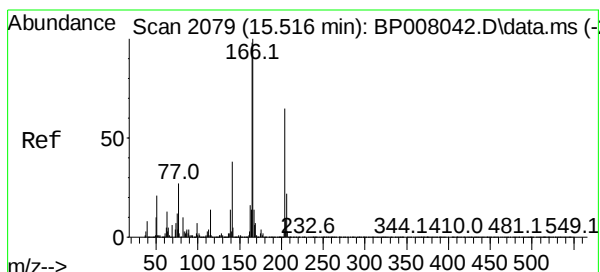
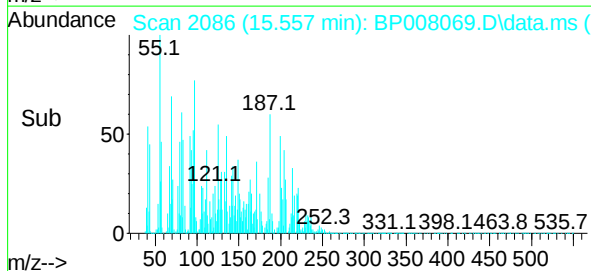
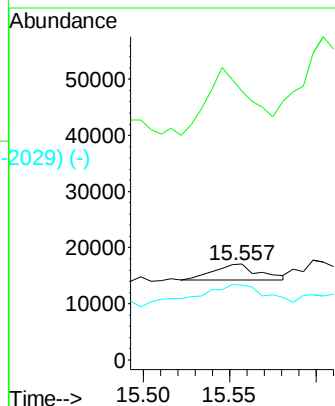
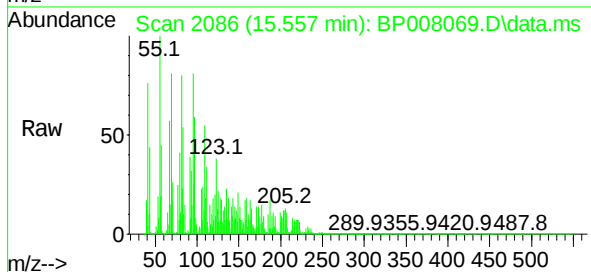




Fluorene
Concen: Below Cal
RT: 15.557 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

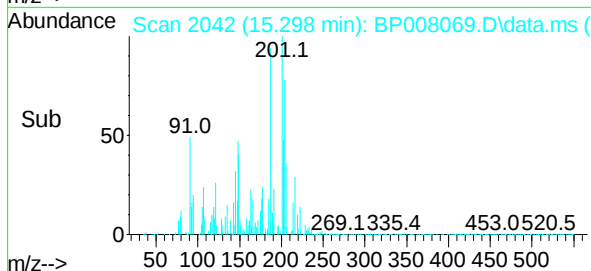
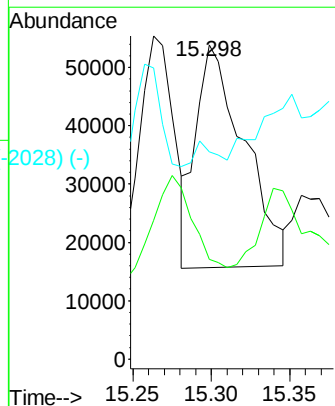
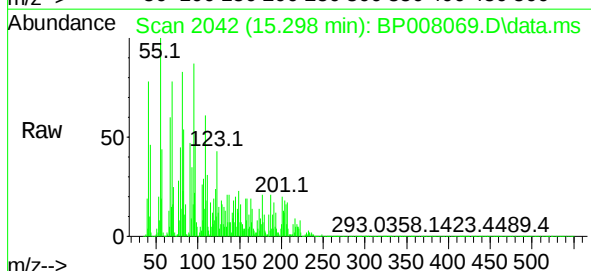
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ClientSampleId :
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Tgt Ion:166 Resp: 5225
Ion Ratio Lower Upper
166 100
165 281.2 77.4 116.0#
167 78.5 10.7 16.1#



4-Chlorophenyl-phenylether
Concen: 4.91 ng
RT: 15.298 min Scan# 2042
Delta R.T. -0.218 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

Tgt Ion:204 Resp: 81747
Ion Ratio Lower Upper
204 100
206 31.6 27.3 40.9
141 65.9 46.7 70.1



Abundance Scan 2084 (15.545 min): BP008042.D\data.ms (-2084) (-)

4-Nitroaniline

Concen: 19.81 ng

RT: 15.369 min Scan# 2084

Delta R.T. -0.176 min

Lab File: BP008069.D

Acq: 20 Nov 2021 21:39

Instrument :

BNA_P

ClientSampleId :

CHRT-27165

Tgt Ion:138 Resp: 102798

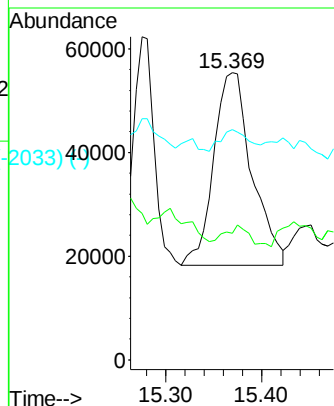
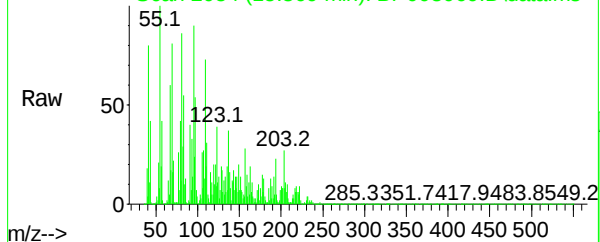
Ion Ratio Lower Upper

138 100

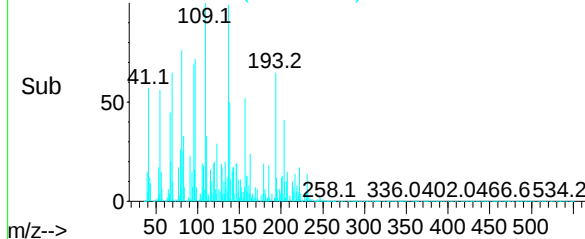
92 44.2 39.5 79.5

108 80.2 78.5 118.5

Abundance Scan 2054 (15.369 min): BP008069.D\data.ms



Abundance Scan 2054 (15.369 min): BP008069.D\data.ms (-2033) (-)



Abundance Scan 2370 (17.227 min): BP008042.D\data.ms (-2384) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.251 min Scan# 2374

Delta R.T. 0.024 min

Lab File: BP008069.D

Acq: 20 Nov 2021 21:39

Tgt Ion:188 Resp: 493813

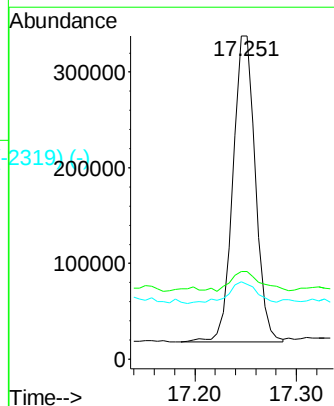
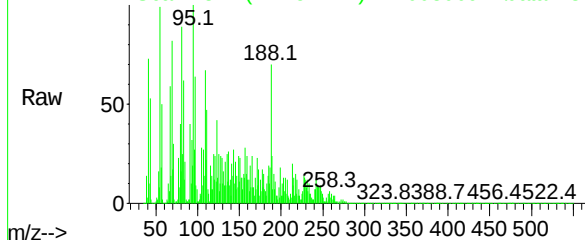
Ion Ratio Lower Upper

188 100

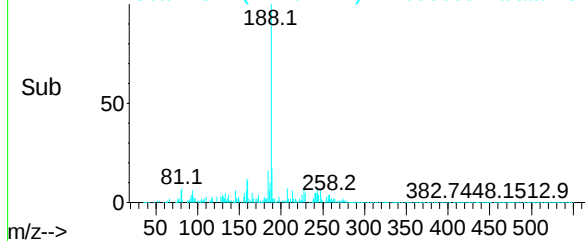
94 27.0 7.1 10.7#

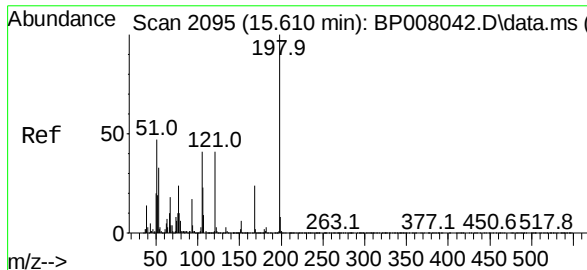
80 23.2 8.1 12.1#

Abundance Scan 2374 (17.251 min): BP008069.D\data.ms



Abundance Scan 2374 (17.251 min): BP008069.D\data.ms (-2319) (-)

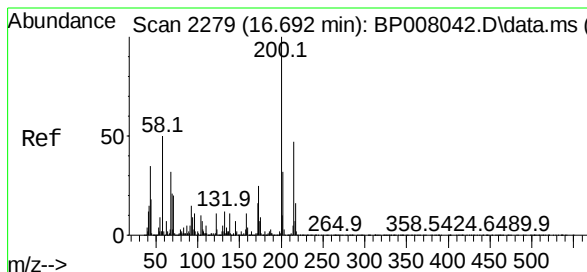
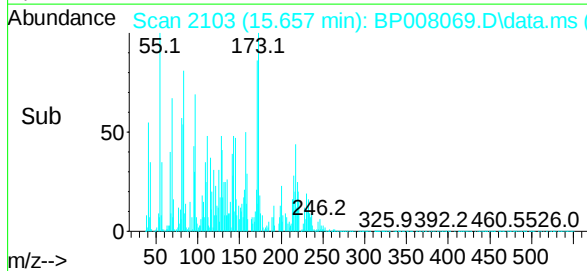
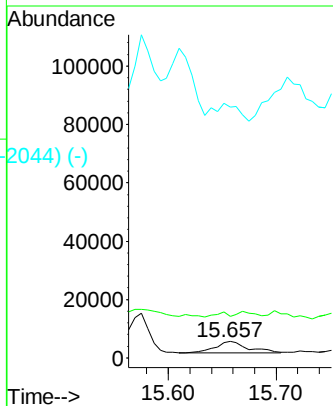
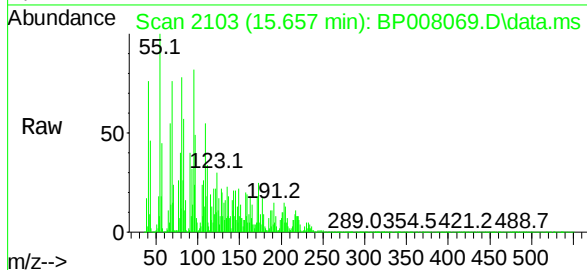




4,6-Dinitro-2-methylphenol
 Concen: 2.64 ng
 RT: 15.657 min Scan# 2103
 Delta R.T. 0.047 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

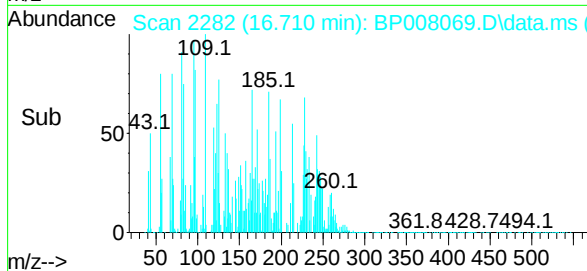
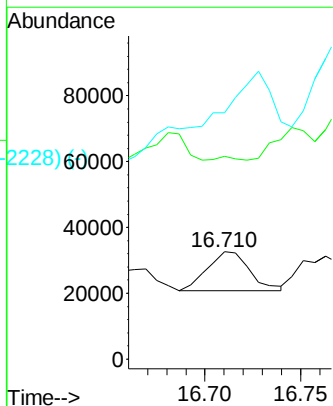
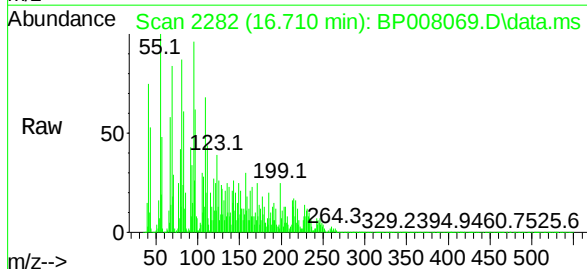
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27165

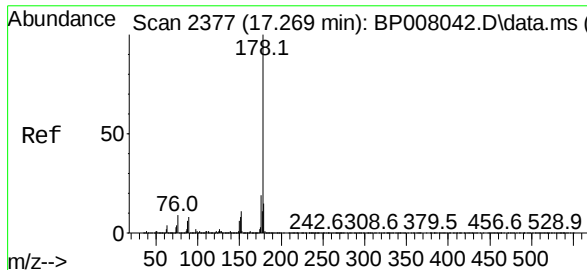
Tgt Ion:198 Resp: 8806
 Ion Ratio Lower Upper
 198 100
 51 254.6 28.8 68.8#
 105 1527.2 21.5 61.5#



Atrazine
 Concen: 5.05 ng
 RT: 16.710 min Scan# 2282
 Delta R.T. 0.018 min
 Lab File: BP008069.D
 Acq: 20 Nov 2021 21:39

Tgt Ion:200 Resp: 18091
 Ion Ratio Lower Upper
 200 100
 173 189.2 5.3 45.3#
 215 229.6 26.8 66.8#

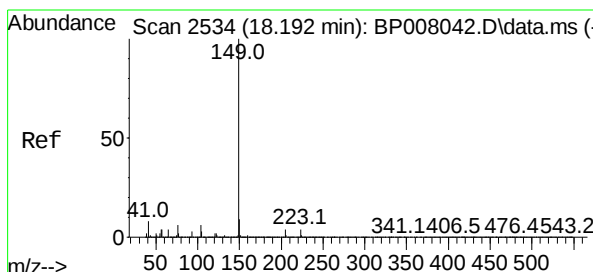
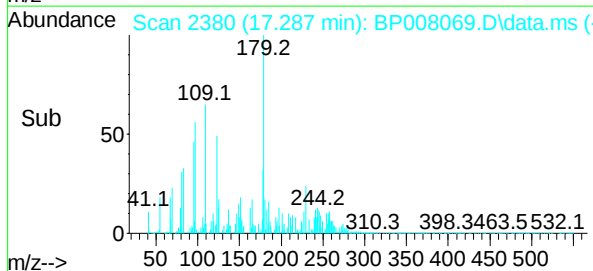
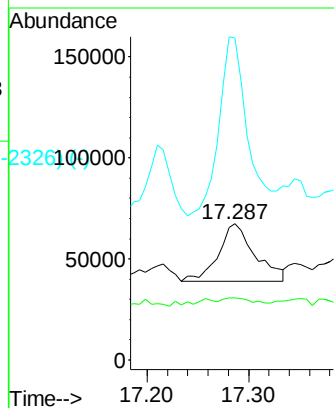
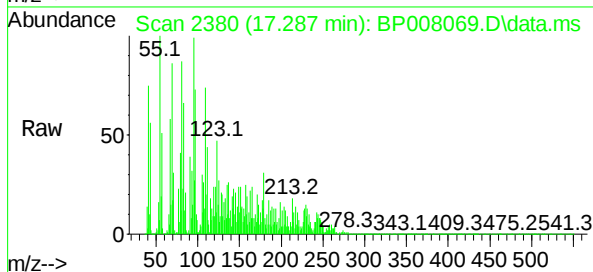




Phenanthrene
Concen: 2.65 ng
RT: 17.287 min Scan# 2377
Delta R.T. 0.018 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

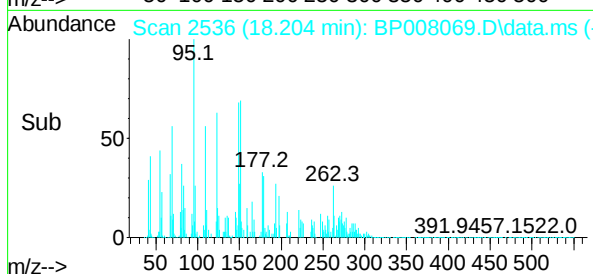
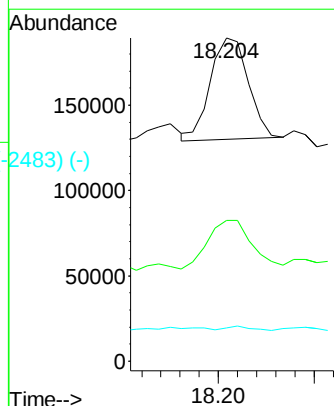
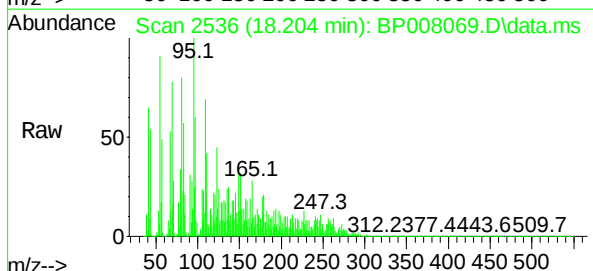
Instrument :
BNA_P
ClientSampleId :
CHRT-27165

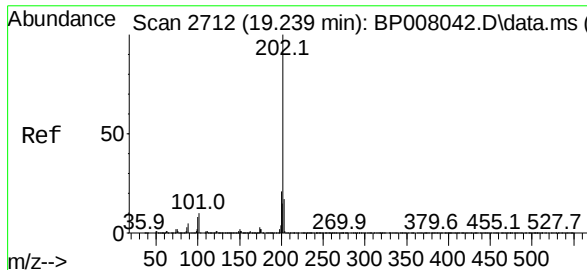
Tgt Ion:	178	Resp:	70376
Ion Ratio	Lower	Upper	
178	100		
176	45.4	15.6	23.4#
179	236.8	12.4	18.6#



Di-n-butylphthalate
Concen: 2.80 ng
RT: 18.204 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

Tgt Ion:	149	Resp:	81707
Ion Ratio	Lower	Upper	
149	100		
150	43.6	7.4	11.2#
104	10.4	4.5	6.7#





Fluoranthene

Concen: 2.77 ng

RT: 19.269 min Scan# 1

Delta R.T. 0.030 min

Lab File: BP008069.D

Acq: 20 Nov 2021 21:39

Instrument :

BNA_P

ClientSampleId :

CHRT-27165

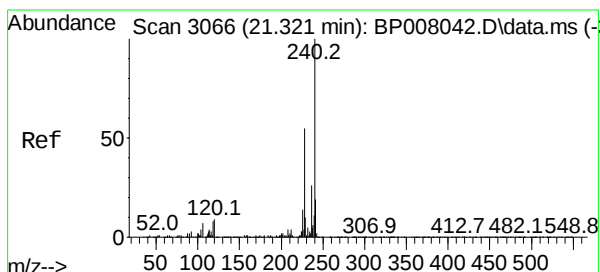
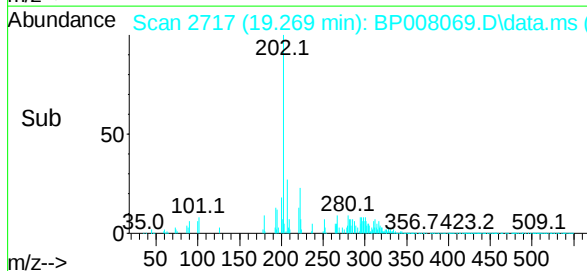
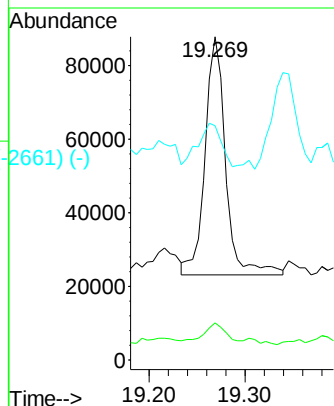
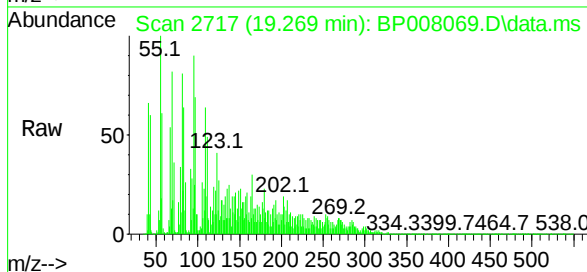
Tgt Ion:202 Resp: 94914

Ion Ratio Lower Upper

202 100

101 11.5 0.0 29.5

203 72.4 0.0 37.3#



Chrysene-d12

Concen: 20.00 ng

RT: 21.322 min Scan# 3066

Delta R.T. 0.001 min

Lab File: BP008069.D

Acq: 20 Nov 2021 21:39

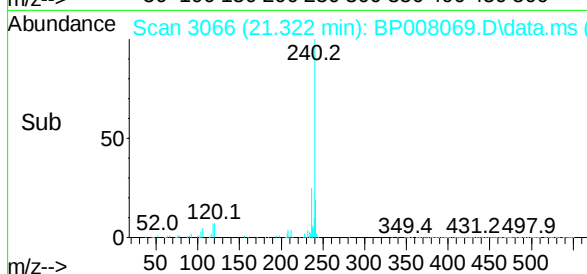
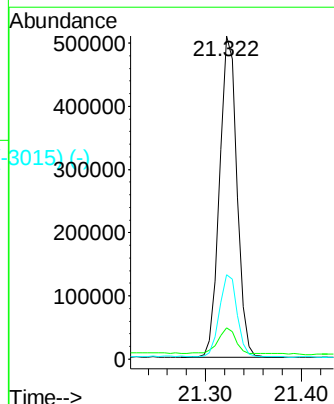
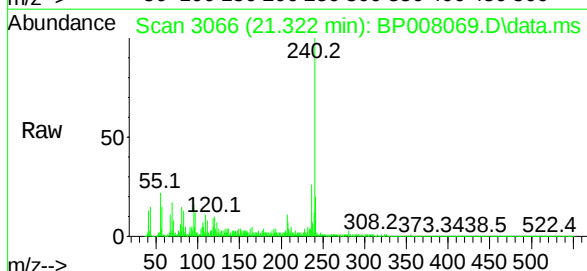
Tgt Ion:240 Resp: 643008

Ion Ratio Lower Upper

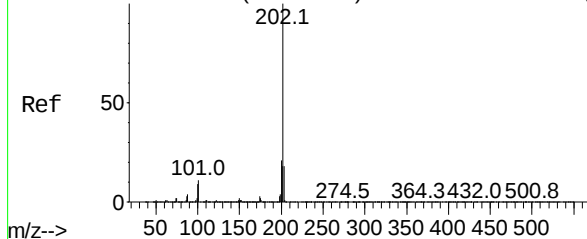
240 100

120 9.8 7.4 11.2

236 26.2 21.0 31.4



Abundance Scan 2772 (19.592 min): BP008042.D\data.ms (-2772) (-)



Pyrene

Concen: 2.46 ng

RT: 19.616 min Scan# 1

Delta R.T. 0.024 min

Lab File: BP008069.D

Acq: 20 Nov 2021 21:39

Instrument :

BNA_P

ClientSampleId :

CHRT-27165

Tgt Ion:202 Resp: 107622

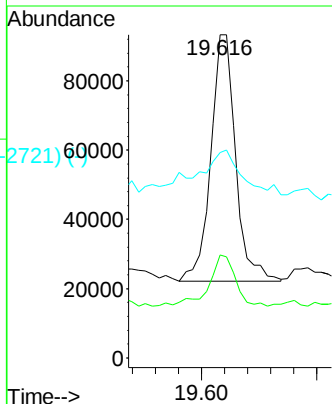
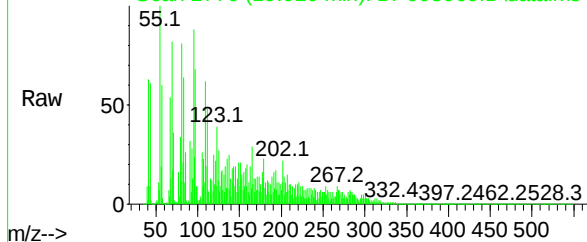
Ion Ratio Lower Upper

202 100

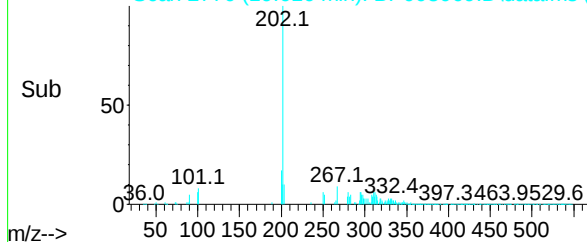
200 31.9 16.9 25.3#

203 63.7 14.2 21.2#

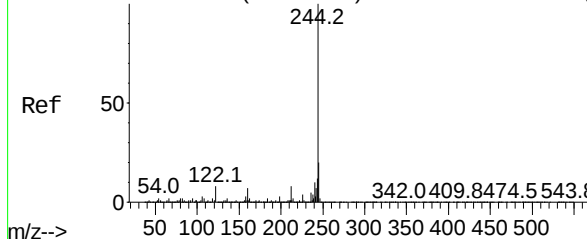
Abundance Scan 2776 (19.616 min): BP008069.D\data.ms



Abundance Scan 2776 (19.616 min): BP008069.D\data.ms (-2721) (-)



Abundance Scan 2807 (19.798 min): BP008042.D\data.ms (-2774) (-)



Terphenyl-d14

Concen: 56.32 ng

RT: 19.810 min Scan# 2809

Delta R.T. 0.012 min

Lab File: BP008069.D

Acq: 20 Nov 2021 21:39

Tgt Ion:244 Resp: 1841964

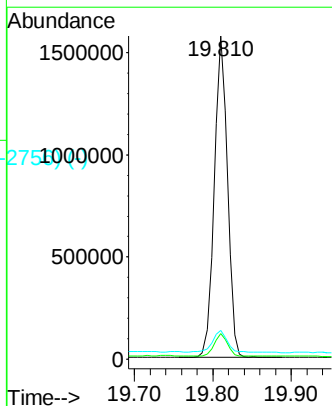
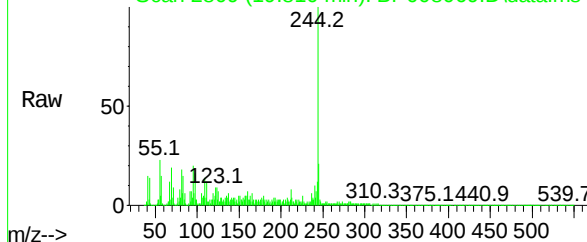
Ion Ratio Lower Upper

244 100

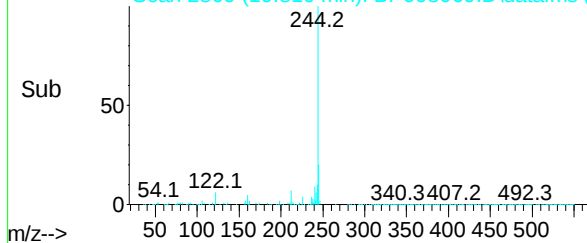
212 7.8 6.3 9.5

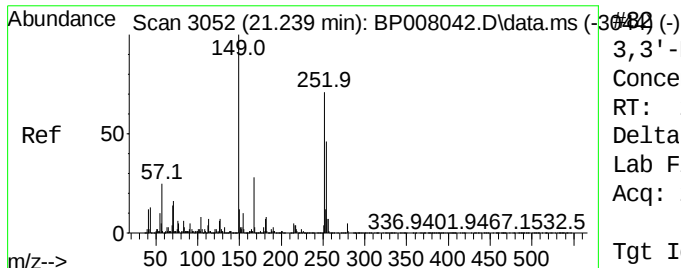
122 9.0 6.1 9.1

Abundance Scan 2809 (19.810 min): BP008069.D\data.ms



Abundance Scan 2809 (19.810 min): BP008069.D\data.ms (-2751) (-)

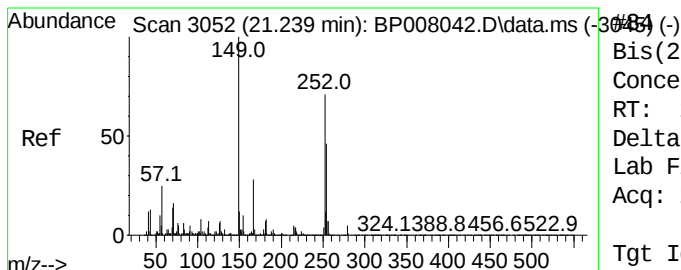
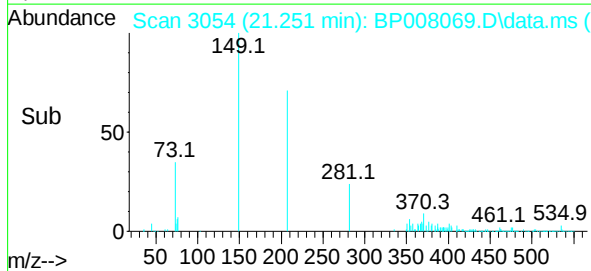
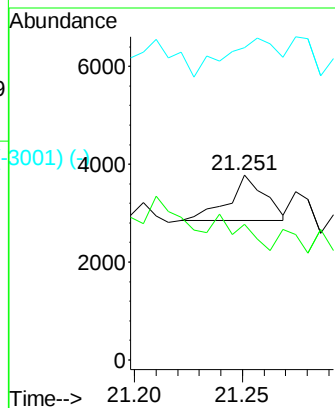
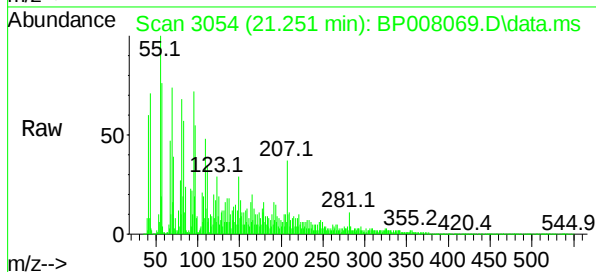




3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.251 min Scan# 3054
Delta R.T. 0.012 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

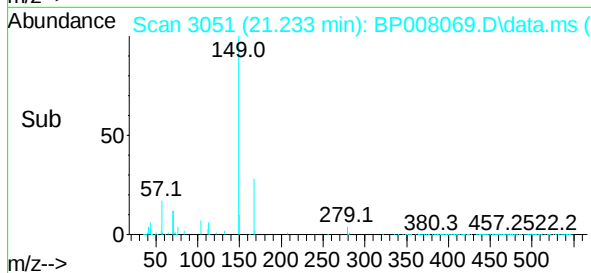
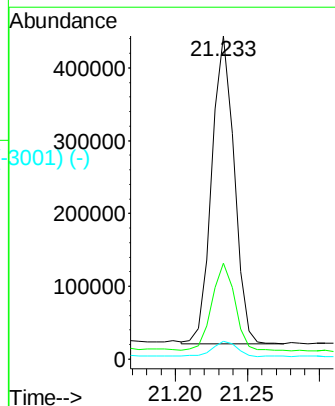
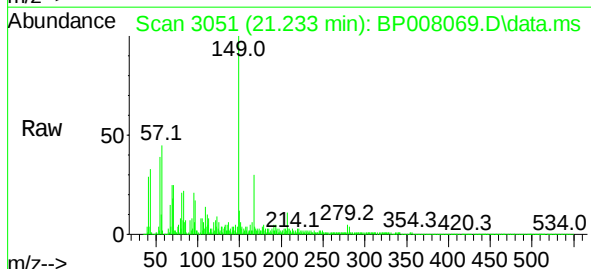
Instrument :
BNA_P
ClientSampleId :
CHRT-27165

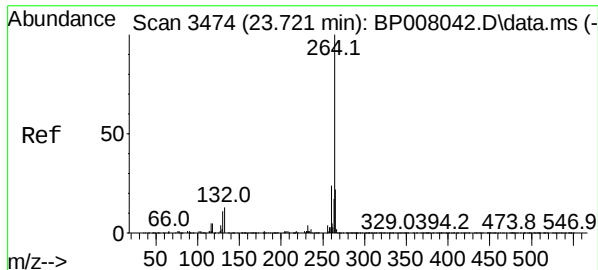
Tgt Ion:252 Resp: 1093
Ion Ratio Lower Upper
252 100
254 73.2 51.8 77.8
126 168.8 7.2 10.8#



Bis(2-ethylhexyl)phthalate
Concen: 18.52 ng
RT: 21.233 min Scan# 3051
Delta R.T. -0.006 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

Tgt Ion:149 Resp: 457174
Ion Ratio Lower Upper
149 100
167 29.7 22.7 34.1
279 5.5 4.0 6.0

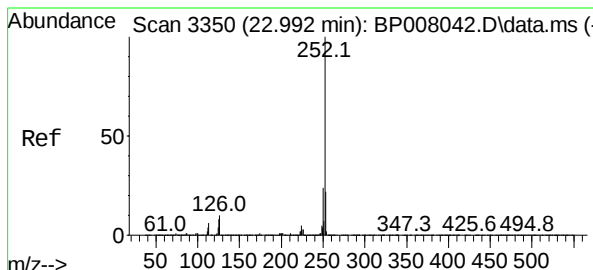
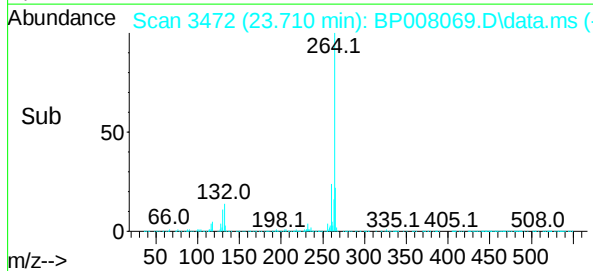
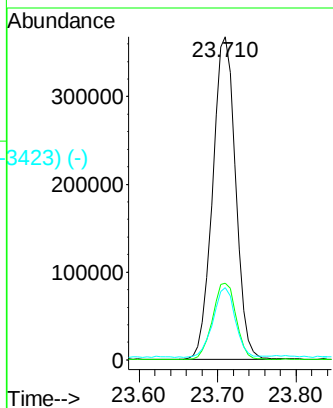
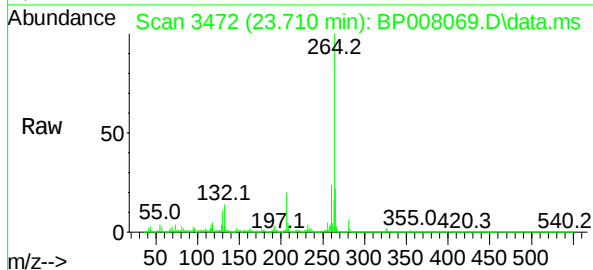




Perylene-d12
Concen: 20.00 ng
RT: 23.710 min Scan# 456
Delta R.T. -0.011 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

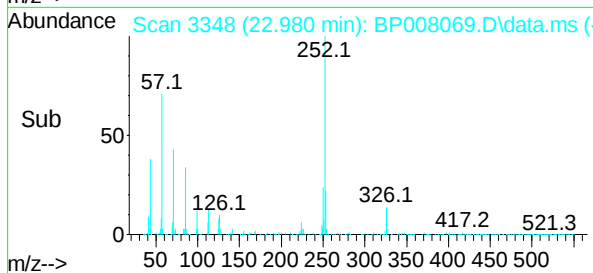
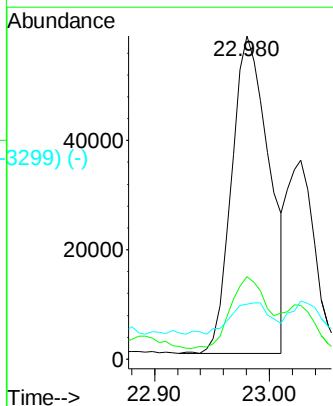
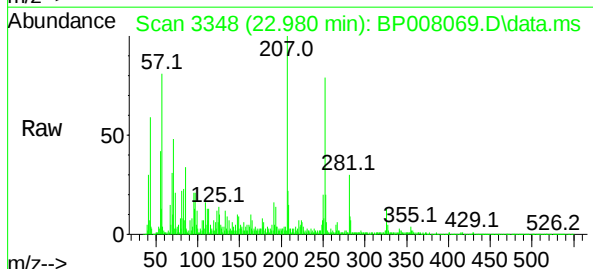
Instrument :
BNA_P
ClientSampleId :
CHRT-27165

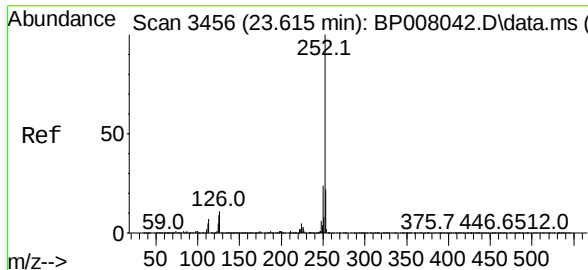
Tgt Ion:	264	Resp:	743727
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.0	28.6
265	22.5	17.7	26.5



Benzo(b)fluoranthene
Concen: 2.82 ng
RT: 22.980 min Scan# 3348
Delta R.T. -0.011 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

Tgt Ion:	252	Resp:	131160
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.2
125	17.1	6.1	9.1#

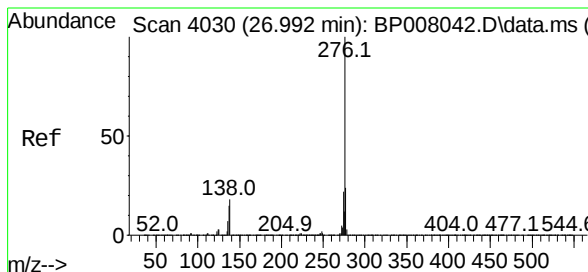
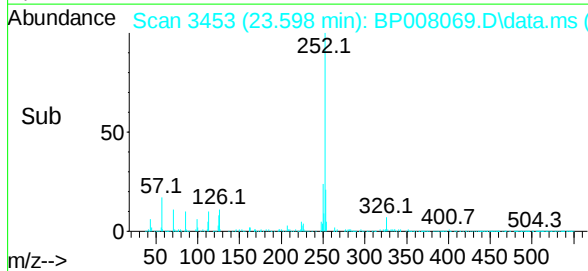
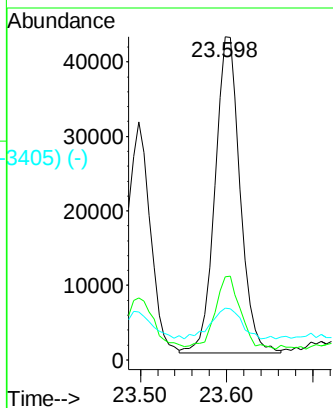
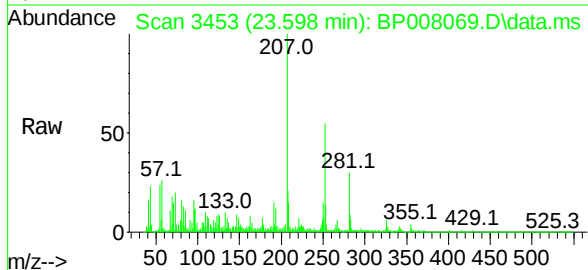




Benzo(a)pyrene
Concen: 2.21 ng
RT: 23.598 min Scan# 4024
Delta R.T. -0.017 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

Instrument :
BNA_P
ClientSampleId :
CHRT-27165

Tgt Ion:	252	Resp:	86212
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.4	26.2
125	15.9	7.4	11.2#



Benzo(g,h,i)perylene
Concen: 2.07 ng
RT: 26.957 min Scan# 4024
Delta R.T. -0.035 min
Lab File: BP008069.D
Acq: 20 Nov 2021 21:39

Tgt Ion:	276	Resp:	87289
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.0	28.6
138	24.9	14.2	21.2#

