

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008070.D
 Acq On : 20 Nov 2021 22:13
 Operator : CG/JU
 Sample : M4766-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27106

Quant Time: Nov 22 05:35:11 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)

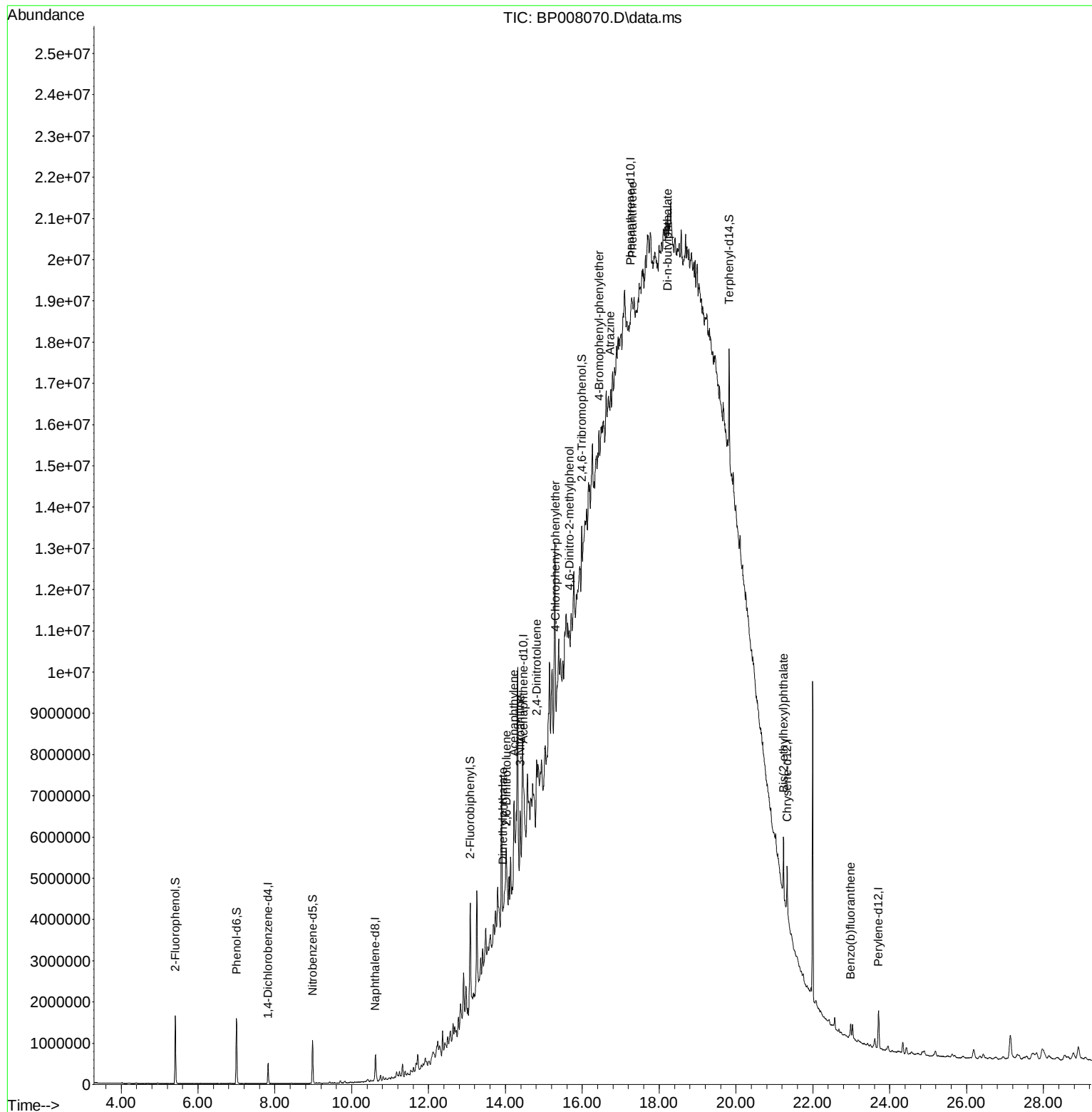
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	128365	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	498653	20.00	ng	-0.01
39) Acenaphthene-d10	14.475	164	261577	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	438490	20.00	ng	# 0.04
76) Chrysene-d12	21.327	240	588131	20.00	ng	0.00
86) Perylene-d12	23.710	264	689399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	653811	87.06	ng	0.00
7) Phenol-d6	6.999	99	867716	83.35	ng	-0.01
23) Nitrobenzene-d5	8.981	82	594939	54.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.987	330	341843	103.27	ng	0.02
45) 2-Fluorobiphenyl	13.087	172	1147799	68.71	ng	0.00
79) Terphenyl-d14	19.822	244	1639022	54.79	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.969	77	1321	Below Cal	#	52
49) Acenaphthylene	14.222	152	62996	2.74	ng	# 1
50) Dimethylphthalate	13.940	163	46031	2.32	ng	# 41
51) 2,6-Dinitrotoluene	14.034	165	84816	20.44	ng	# 25
53) 3-Nitroaniline	14.387	138	84377	19.46	ng	# 13
57) 2,4-Dinitrotoluene	14.810	165	13084	2.28	ng	# 42
58) Fluorene	15.498	166	4626	Below Cal	#	1
61) 4-Chlorophenyl-phenyle...	15.304	204	115285	10.32	ng	91
65) 4,6-Dinitro-2-methylph...	15.669	198	23936	8.08	ng	# 1
67) 4-Bromophenyl-phenylether	16.445	248	10180	2.12	ng	# 1
69) Atrazine	16.728	200	33764	10.62	ng	# 1
71) Phenanthrene	17.304	178	80242	3.40	ng	# 1
74) Di-n-butylphthalate	18.222	149	95320	3.68	ng	# 38
82) 3,3'-Dichlorobenzidine	21.257	252	1342	Below Cal	#	7
84) Bis(2-ethylhexyl)phtha...	21.233	149	587632	26.03	ng	97
88) Benzo(b)fluoranthene	22.986	252	93859	2.18	ng	# 78

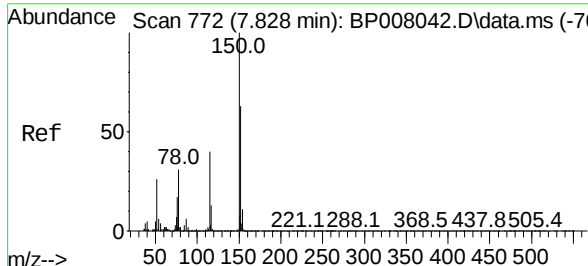
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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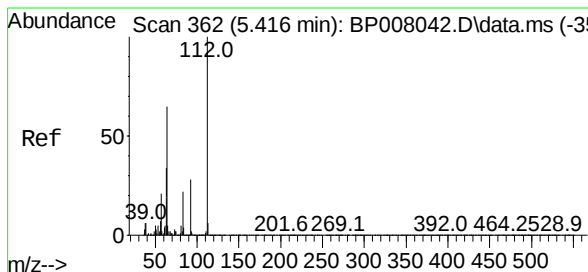
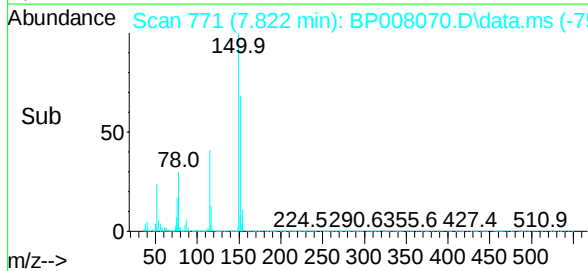
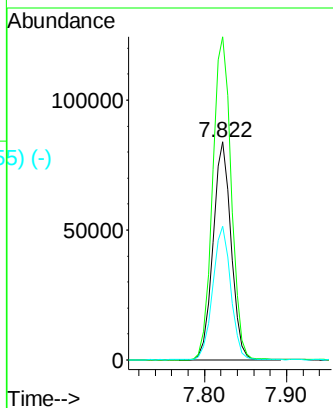
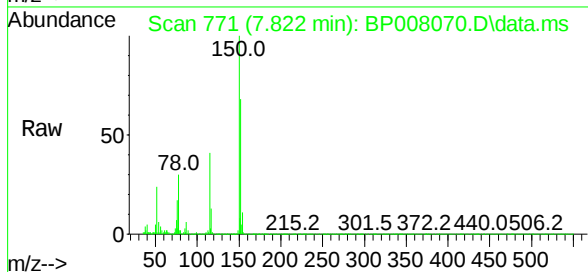




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.822 min Scan#
 Delta R.T. -0.006 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

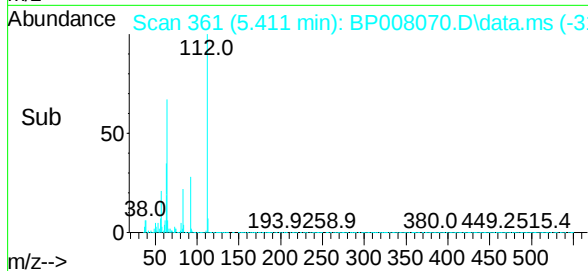
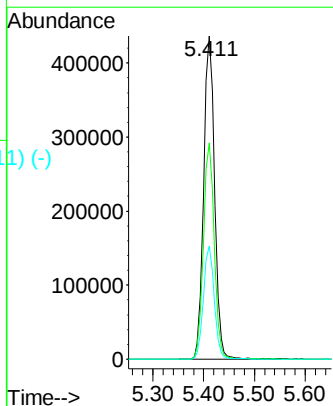
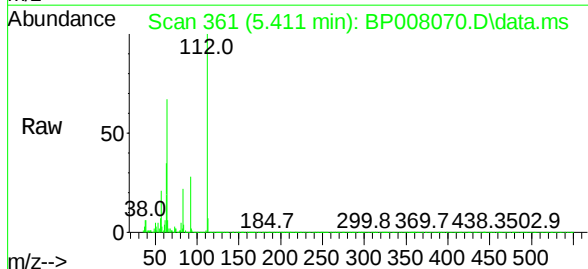
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27106

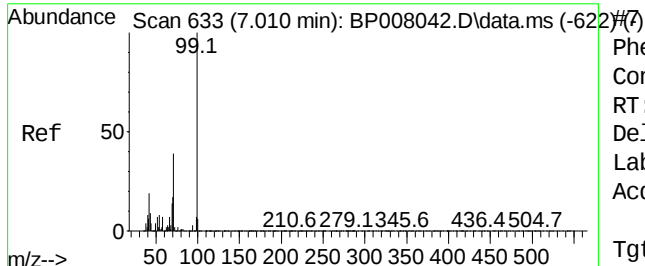
Tgt Ion:	152	Resp:	128365
Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.5	189.7
115	61.2	50.6	75.8



2-Fluorophenol
 Concen: 87.06 ng
 RT: 5.411 min Scan# 361
 Delta R.T. -0.005 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	112	Resp:	653811
Ion	Ratio	Lower	Upper
112	100		
64	67.0	51.7	77.5
63	35.0	27.4	41.0

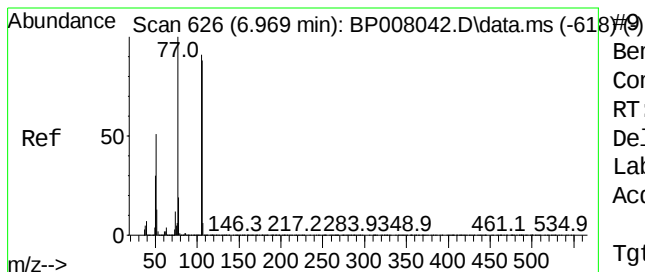
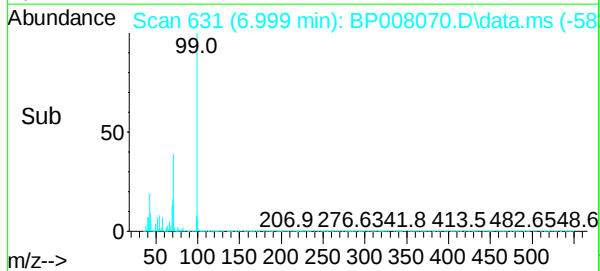
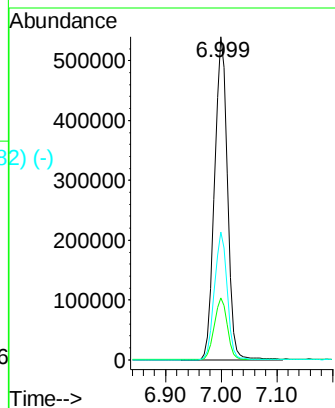
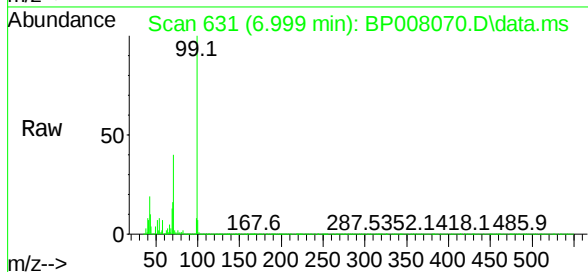




Phenol-d6
 Concen: 83.35 ng
 RT: 6.999 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

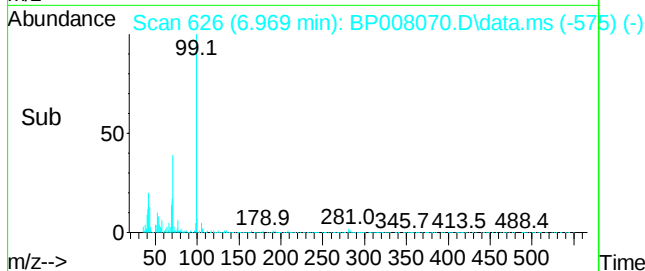
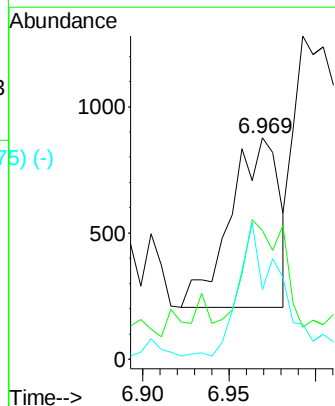
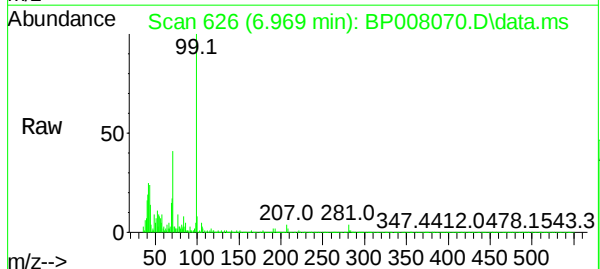
Instrument :
 BNA_P
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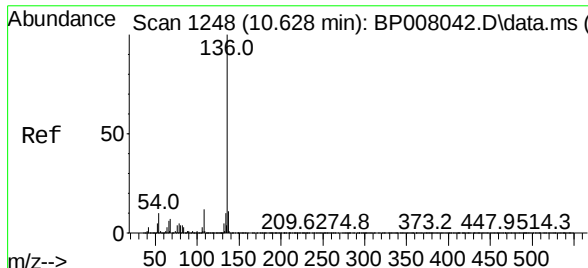
Tgt Ion:	99	Resp:	867716
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.2
71	39.5	31.0	46.6



Benzaldehyde
 Concen: Below Cal
 RT: 6.969 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	77	Resp:	1321
Ion	Ratio	Lower	Upper
77	100		
105	58.1	71.5	111.5#
106	31.6	67.9	107.9#

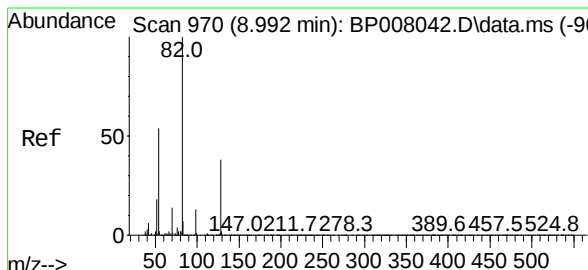
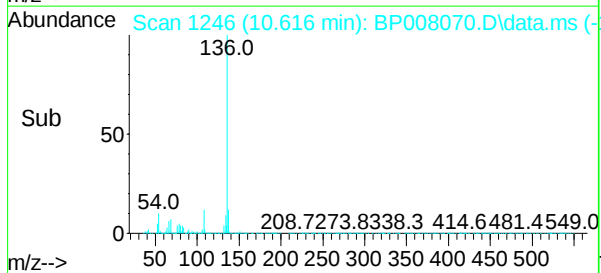
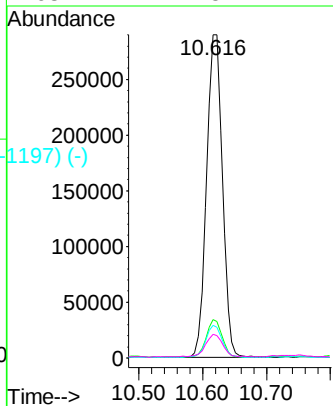
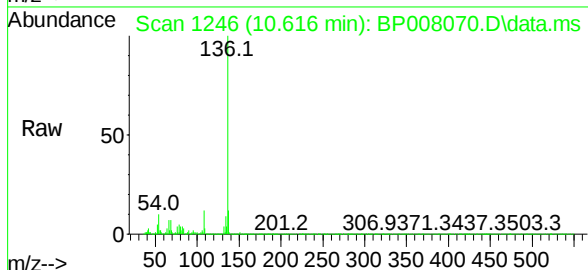




Naphthalene-d8
Concen: 20.00 ng
RT: 10.616 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BP008070.D
Acq: 20 Nov 2021 22:13

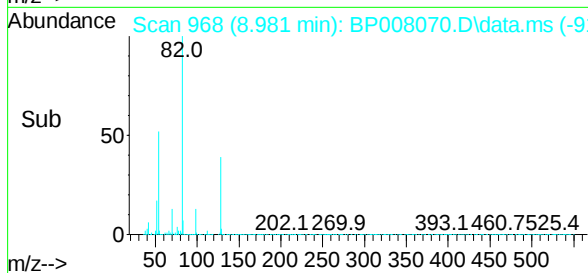
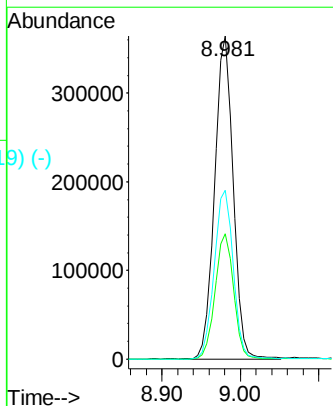
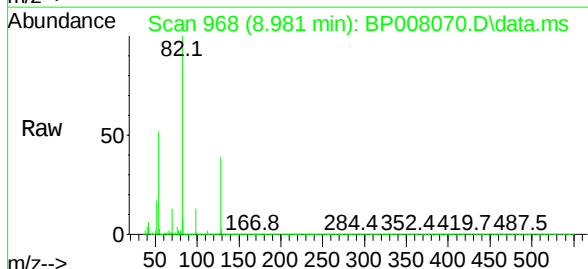
Instrument :
BNA_P
ClientSampleId :
CHRT-27106

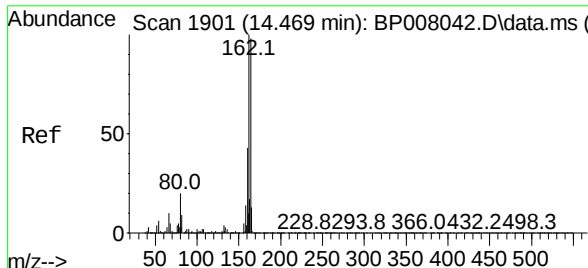
Tgt Ion:	136	Resp:	498653
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	10.0	8.0	12.0
68	7.2	5.2	7.8



Nitrobenzene-d5
Concen: 54.12 ng
RT: 8.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BP008070.D
Acq: 20 Nov 2021 22:13

Tgt Ion:	82	Resp:	594939
Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.2	45.2
54	52.2	43.1	64.7

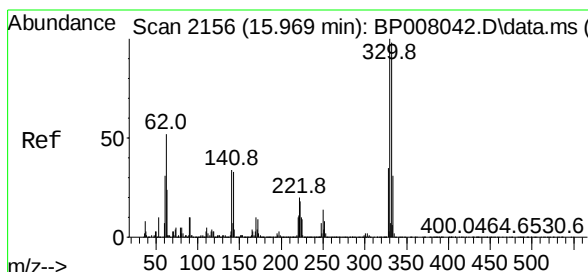
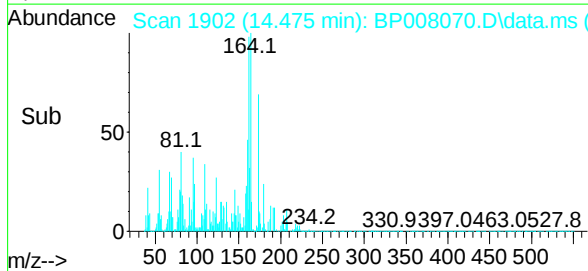
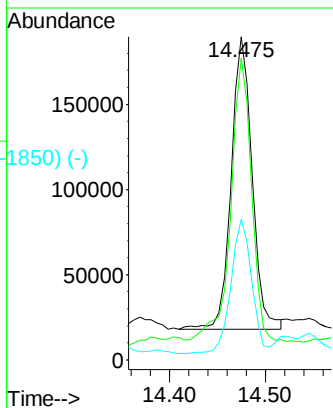
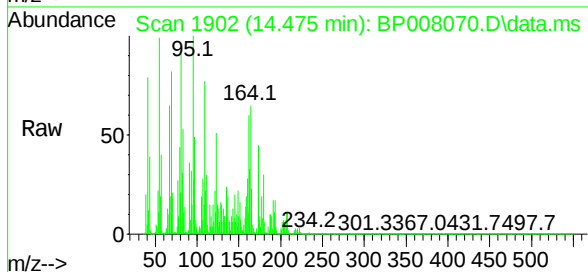




Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.475 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

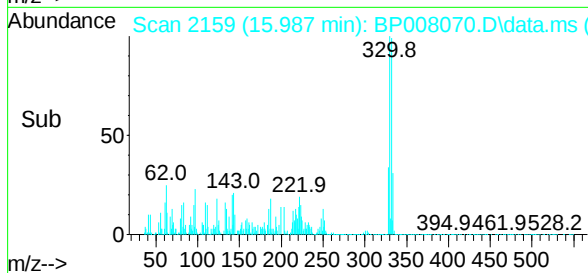
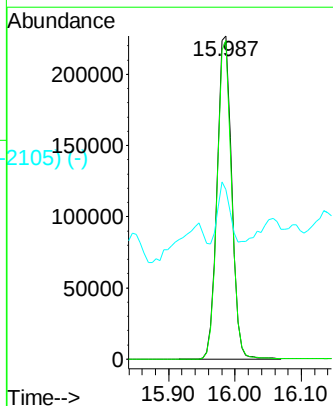
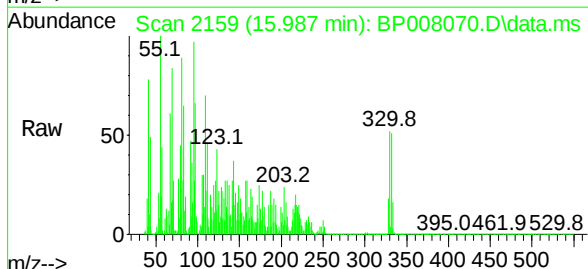
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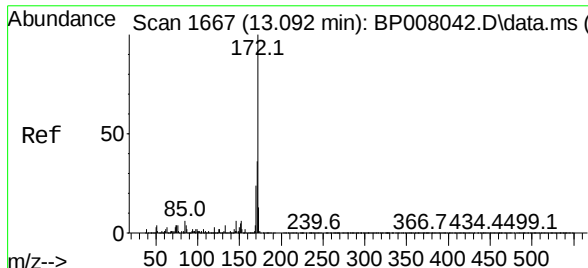
Tgt Ion:	164	Resp:	261577
Ion	Ratio	Lower	Upper
164	100		
162	93.5	81.8	122.8
160	43.6	35.1	52.7



2,4,6-Tribromophenol
 Concen: 103.27 ng
 RT: 15.987 min Scan# 2159
 Delta R.T. 0.018 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	330	Resp:	341843
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	15.4	29.6	44.4#

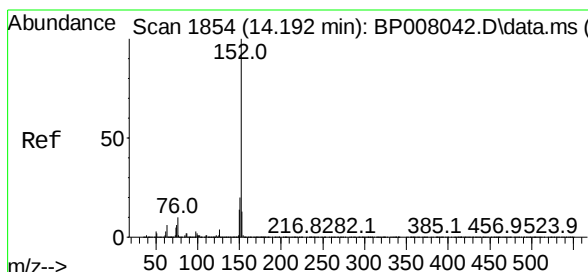
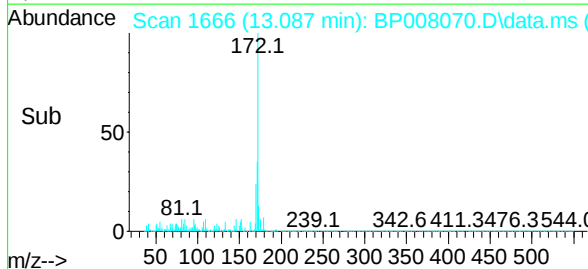
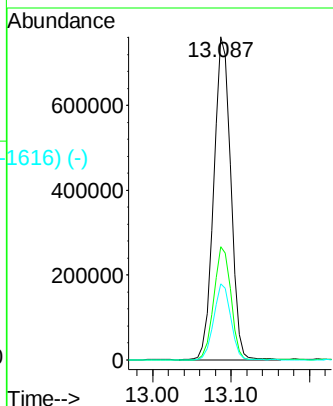
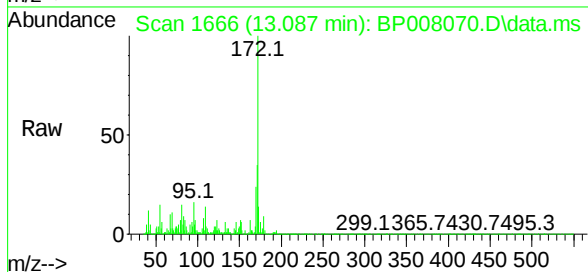




Scan 1667 (13.092 min): BP008042.D\data.ms (-1654)
 2-Fluorobiphenyl
 Concen: 68.71 ng
 RT: 13.087 min Scan# 1654
 Delta R.T. -0.005 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

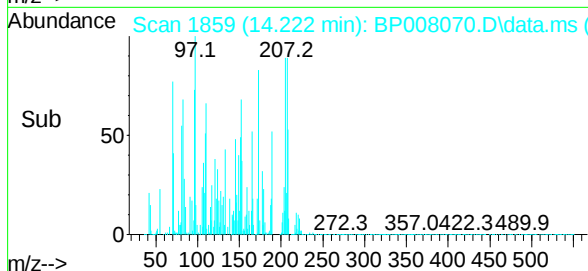
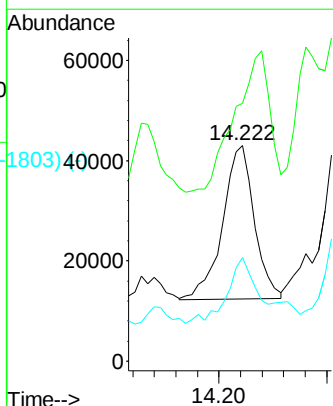
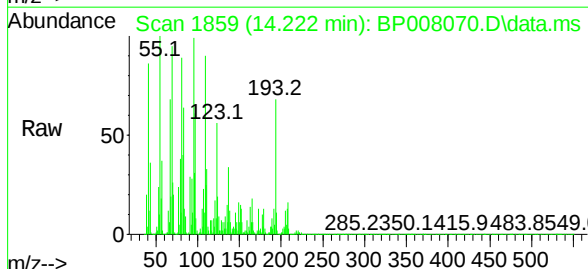
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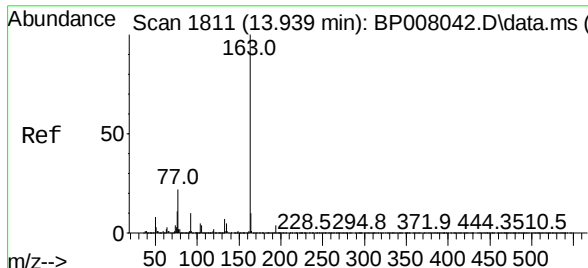
Tgt Ion:	172	Resp:	1147799
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	19.0	28.4



Scan 1854 (14.192 min): BP008042.D\data.ms (-1849)
 Acenaphthylene
 Concen: 2.74 ng
 RT: 14.222 min Scan# 1859
 Delta R.T. 0.030 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	152	Resp:	62996
Ion	Ratio	Lower	Upper
152	100		
151	119.4	15.8	23.8#
153	47.9	10.5	15.7#

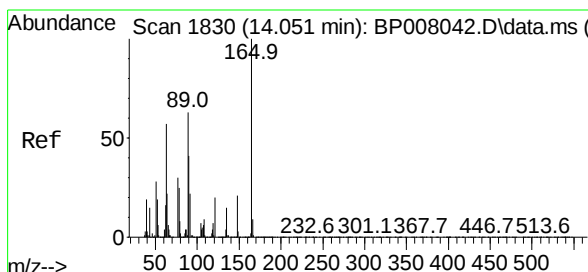
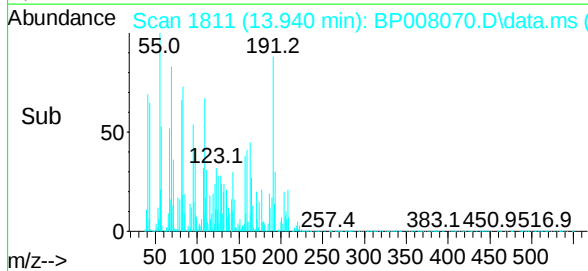
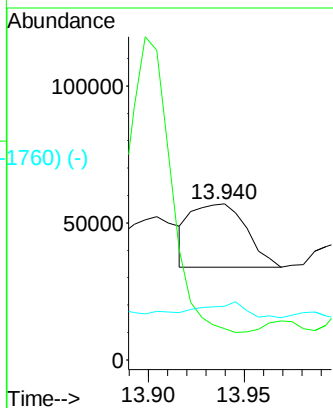
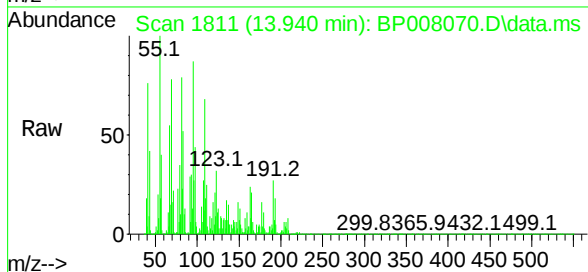




Scan 1811 (13.939 min): BP008042.D\data.ms (-1850) (-)
 Dimethylphthalate
 Concen: 2.32 ng
 RT: 13.940 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

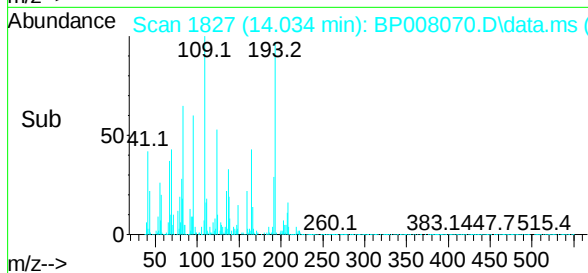
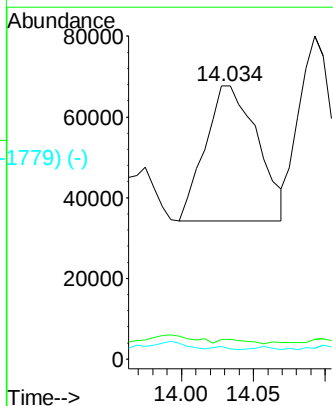
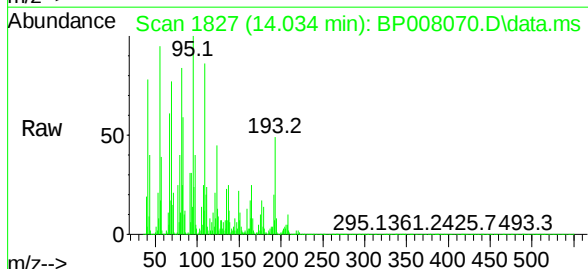
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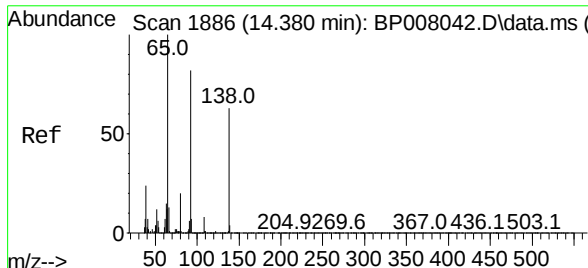
Tgt Ion:	163	Resp:	46031
Ion Ratio	Lower	Upper	
163	100		
194	19.9	3.5	5.3#
164	34.2	8.2	12.2#



Scan 1830 (14.051 min): BP008042.D\data.ms (-1852) (-)
 2,6-Dinitrotoluene
 Concen: 20.44 ng
 RT: 14.034 min Scan# 1827
 Delta R.T. -0.017 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	165	Resp:	84816
Ion Ratio	Lower	Upper	
165	100		
63	7.2	51.0	76.6#
89	3.6	50.5	75.7#

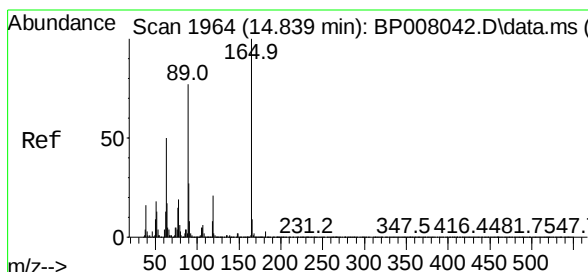
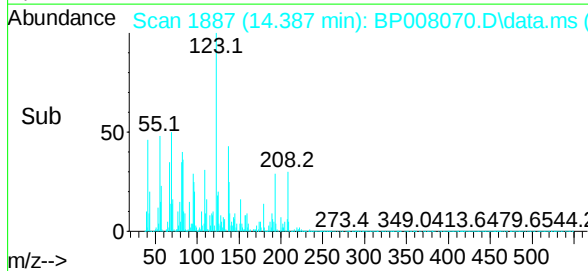
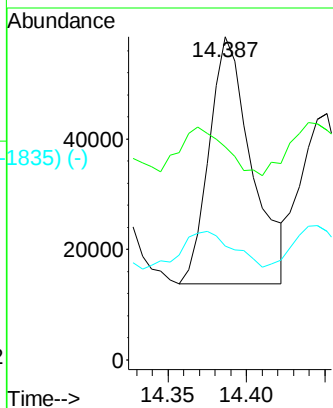
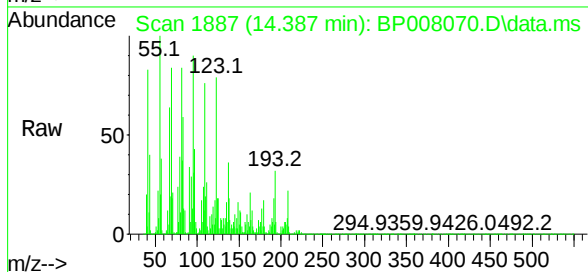




3-Nitroaniline
 Concen: 19.46 ng
 RT: 14.387 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

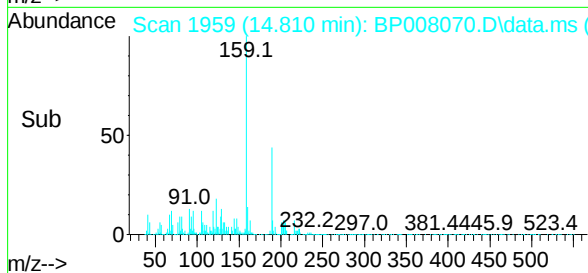
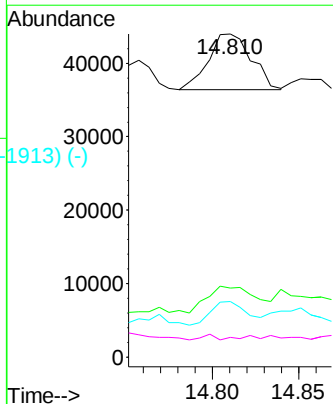
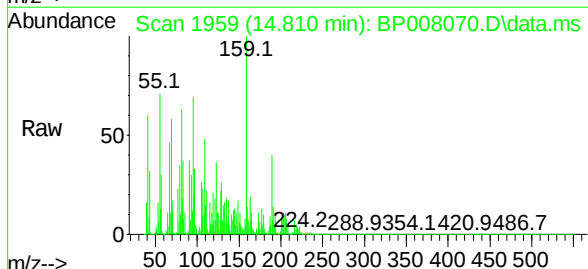
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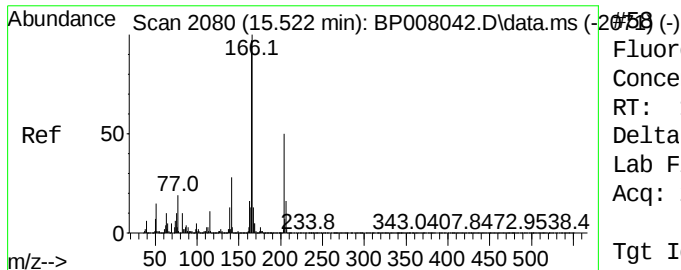
Tgt Ion:	138	Resp:	84377
Ion Ratio	Lower	Upper	
138	100		
108	66.0	9.6	14.4#
92	35.2	104.8	157.2#



2,4-Dinitrotoluene
 Concen: 2.28 ng
 RT: 14.810 min Scan# 1959
 Delta R.T. -0.029 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	165	Resp:	13084
Ion Ratio	Lower	Upper	
165	100		
63	21.3	40.0	60.0#
89	17.2	61.8	92.8#
182	6.2	2.2	3.2#





Fluorene

Concen: Below Cal

RT: 15.498 min Scan# 2075

Delta R.T. -0.024 min

Lab File: BP008070.D

Acq: 20 Nov 2021 22:13

Instrument :

BNA_P

ClientSampleId :

CHRT-27106

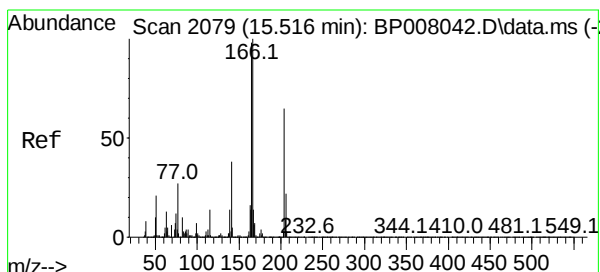
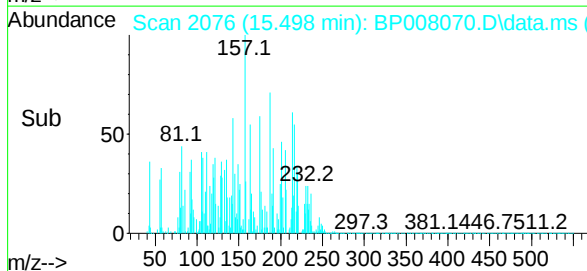
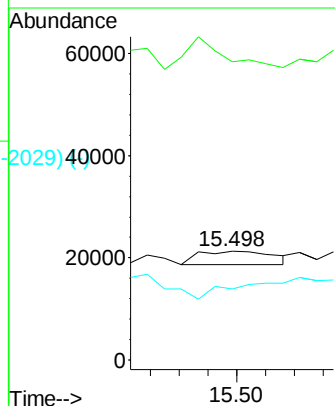
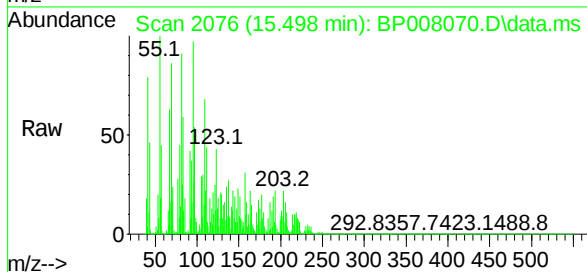
Tgt Ion:166 Resp: 4626

Ion Ratio Lower Upper

166 100

165 273.7 77.4 116.0#

167 65.0 10.7 16.1#



4-Chlorophenyl-phenylether

Concen: 10.32 ng

RT: 15.304 min Scan# 2043

Delta R.T. -0.212 min

Lab File: BP008070.D

Acq: 20 Nov 2021 22:13

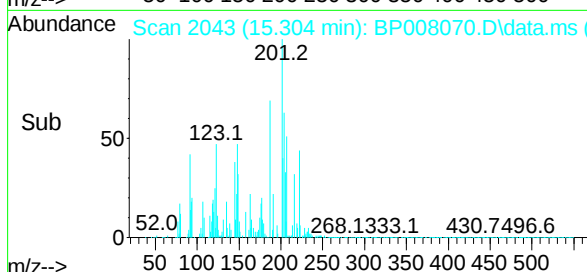
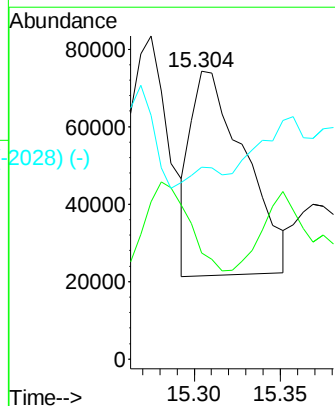
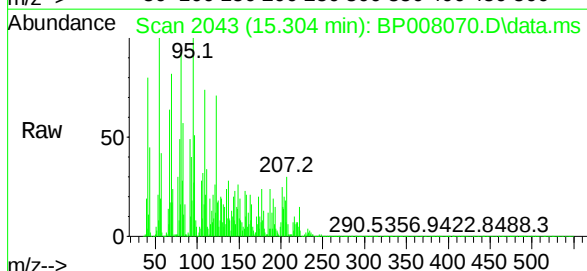
Tgt Ion:204 Resp: 115285

Ion Ratio Lower Upper

204 100

206 36.9 27.3 40.9

141 66.8 46.7 70.1



Abundance Scan 2370 (17.227 min): BP008042.D\data.ms (-2364) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.263 min Scan# 1

Delta R.T. 0.036 min

Lab File: BP008070.D

Acq: 20 Nov 2021 22:13

Instrument :

BNA_P

ClientSampleId :

CHRT-27106

Tgt Ion:188 Resp: 438490

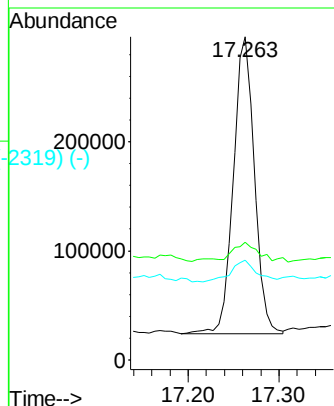
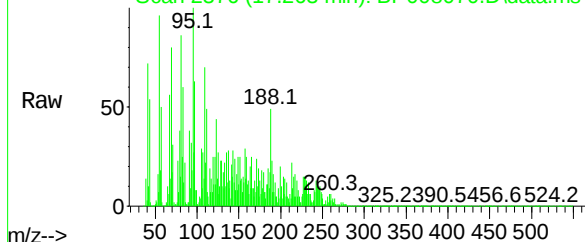
Ion Ratio Lower Upper

188 100

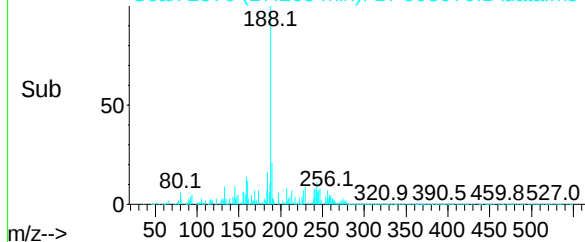
94 36.4 7.1 10.7#

80 30.8 8.1 12.1#

Abundance Scan 2376 (17.263 min): BP008070.D\data.ms



Abundance Scan 2376 (17.263 min): BP008070.D\data.ms (-2319) (-)



Abundance Scan 2095 (15.610 min): BP008042.D\data.ms (-2065) (-)

4,6-Dinitro-2-methylphenol

Concen: 8.08 ng

RT: 15.669 min Scan# 2105

Delta R.T. 0.059 min

Lab File: BP008070.D

Acq: 20 Nov 2021 22:13

Tgt Ion:198 Resp: 23936

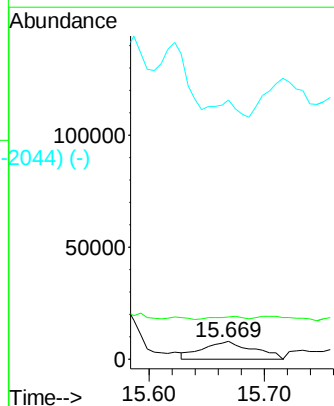
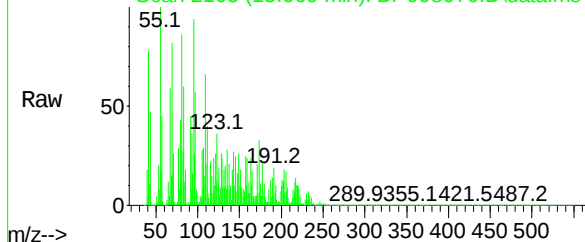
Ion Ratio Lower Upper

198 100

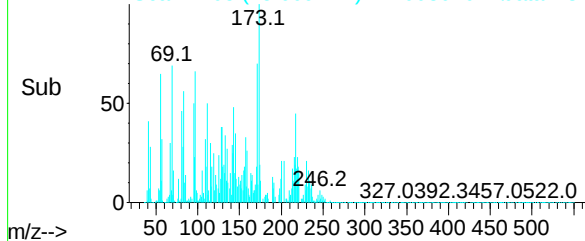
51 238.5 28.8 68.8#

105 1475.0 21.5 61.5#

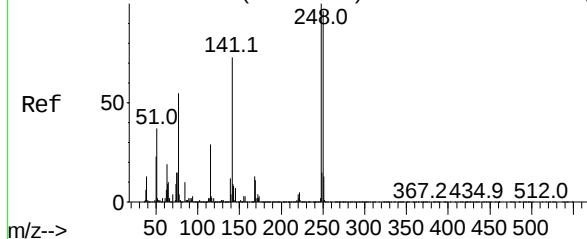
Abundance Scan 2105 (15.669 min): BP008070.D\data.ms



Abundance Scan 2105 (15.669 min): BP008070.D\data.ms (-2044) (-)



Abundance Scan 2232 (16.416 min): BP008042.D\data.ms (-2232) (-)

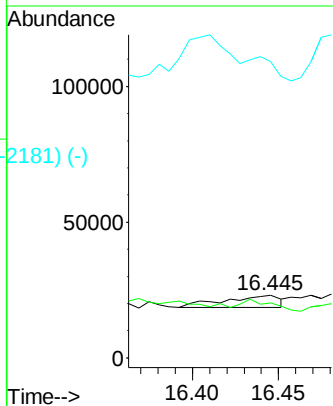
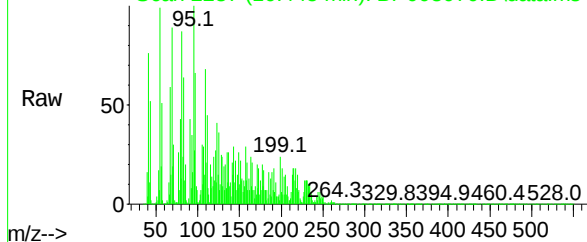


4-Bromophenyl-phenylether
Concen: 2.12 ng
RT: 16.445 min Scan# 2181
Delta R.T. 0.030 min
Lab File: BP008070.D
Acq: 20 Nov 2021 22:13

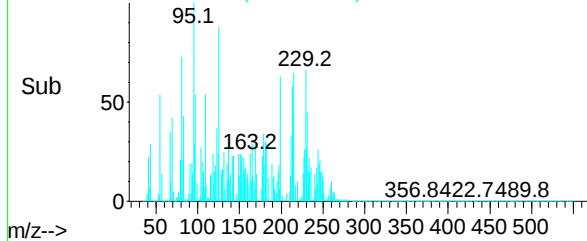
Instrument :
BNA_P
ClientSampleId :
CHRT-27106

Tgt Ion	Ratio	Lower	Upper
248	100		
250	87.8	76.9	115.3
141	472.0	58.3	87.5#

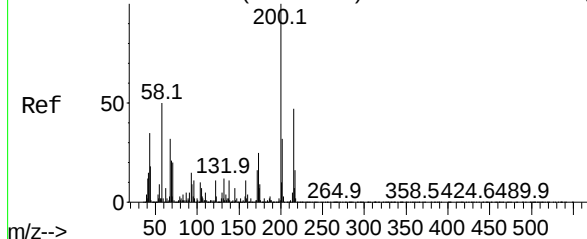
Abundance Scan 2237 (16.445 min): BP008070.D\data.ms



Abundance Scan 2237 (16.445 min): BP008070.D\data.ms (-2181) (-)



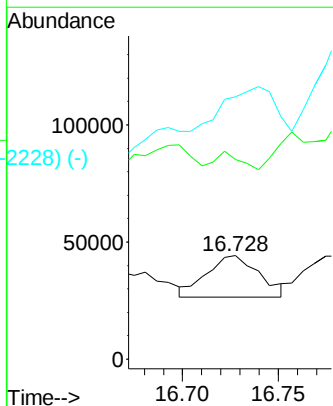
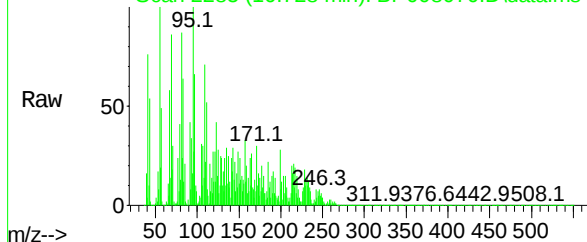
Abundance Scan 2279 (16.692 min): BP008042.D\data.ms (-2279) (-)



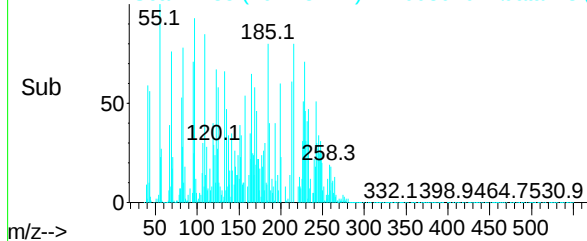
Atrazine
Concen: 10.62 ng
RT: 16.728 min Scan# 2285
Delta R.T. 0.036 min
Lab File: BP008070.D
Acq: 20 Nov 2021 22:13

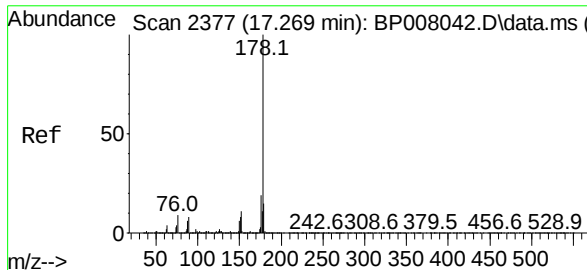
Tgt Ion	Ratio	Lower	Upper
200	100		
173	192.6	5.3	45.3#
215	253.4	26.8	66.8#

Abundance Scan 2285 (16.728 min): BP008070.D\data.ms



Abundance Scan 2285 (16.728 min): BP008070.D\data.ms (-2228) (-)

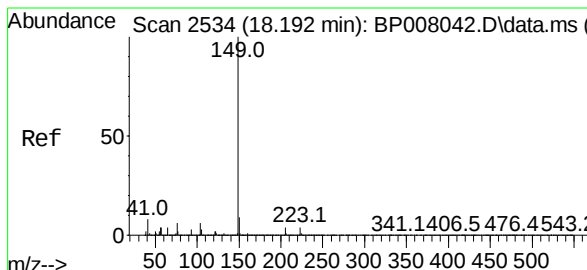
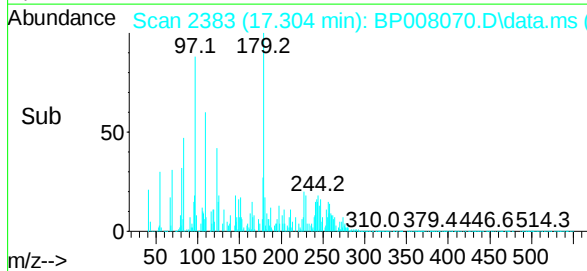
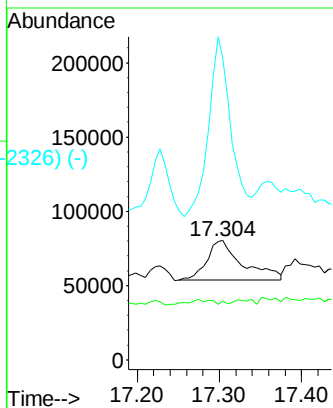
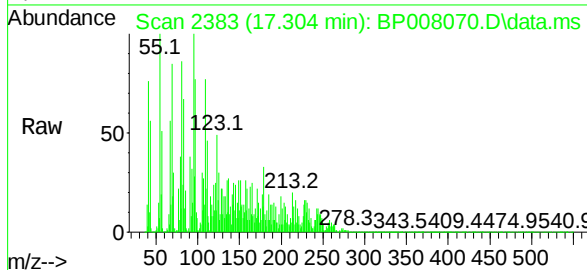




Phenanthrene
 Concen: 3.40 ng
 RT: 17.304 min Scan# 2373
 Delta R.T. 0.035 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

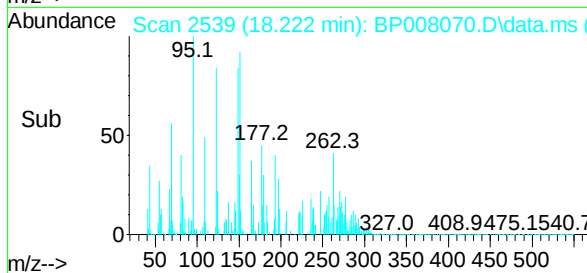
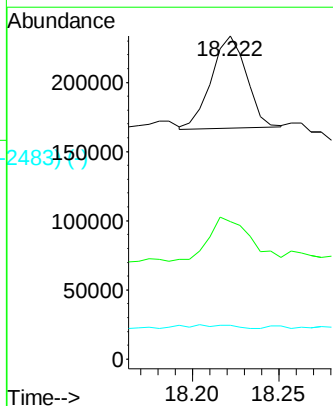
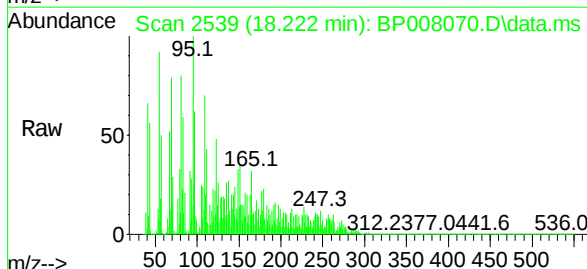
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27106

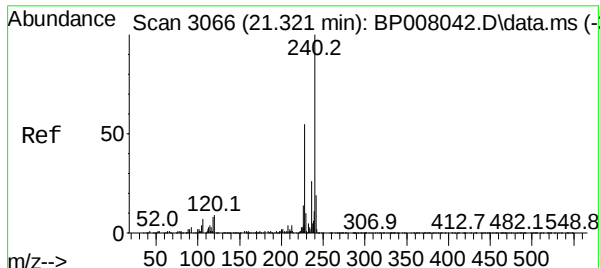
Tgt Ion:	178	Resp:	80242
Ion Ratio	Lower	Upper	
178	100		
176	49.5	15.6	23.4#
179	252.8	12.4	18.6#



Di-n-butylphthalate
 Concen: 3.68 ng
 RT: 18.222 min Scan# 2539
 Delta R.T. 0.030 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	149	Resp:	95320
Ion Ratio	Lower	Upper	
149	100		
150	42.6	7.4	11.2#
104	10.4	4.5	6.7#

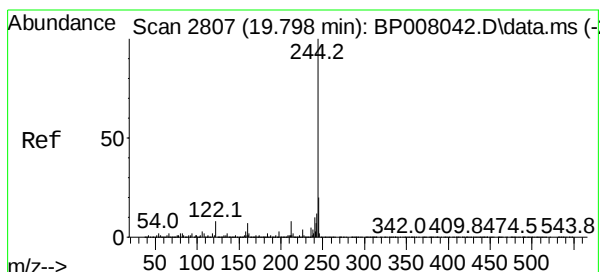
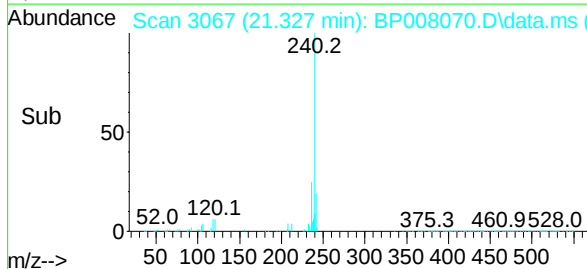
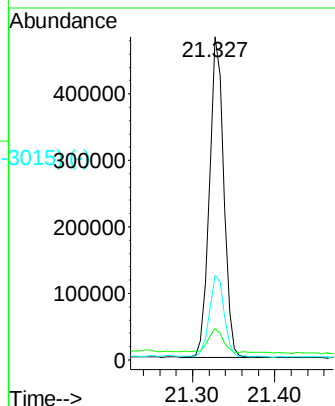
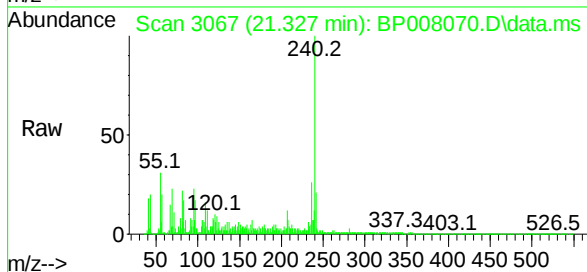




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.327 min Scan# 3066
 Delta R.T. 0.006 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

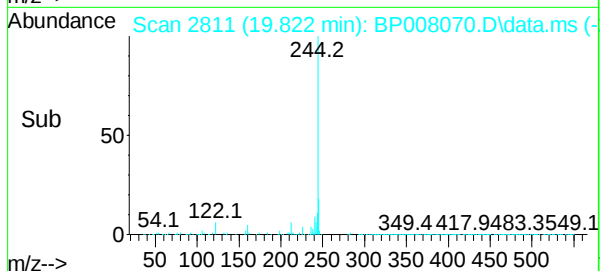
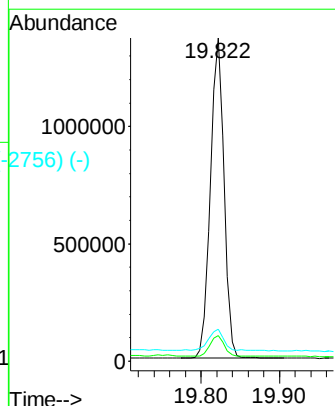
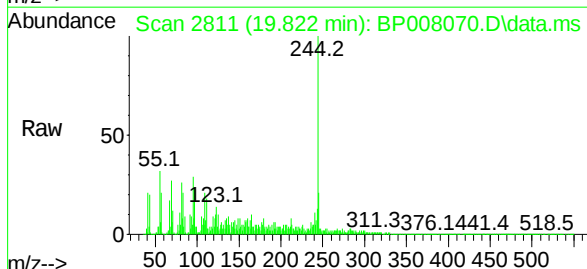
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27106

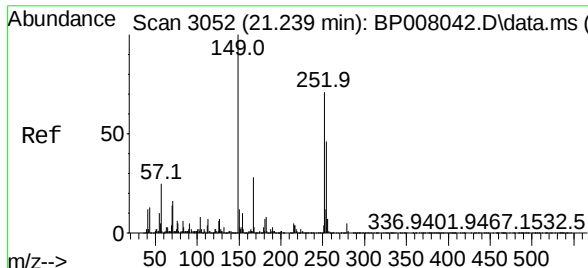
Tgt Ion:	240	Resp:	588131
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.4	11.2
236	26.1	21.0	31.4



Terphenyl-d14
 Concen: 54.79 ng
 RT: 19.822 min Scan# 2811
 Delta R.T. 0.024 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	244	Resp:	1639022
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	10.0	6.1	9.1#

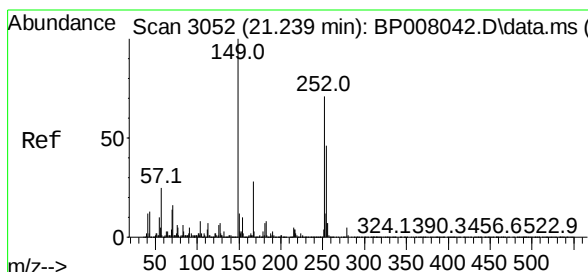
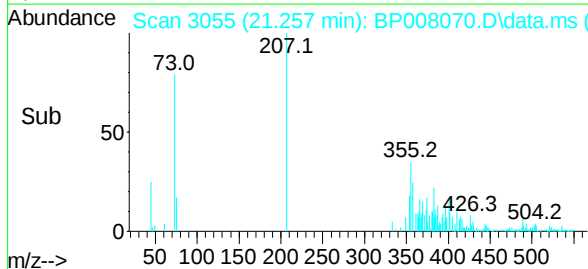
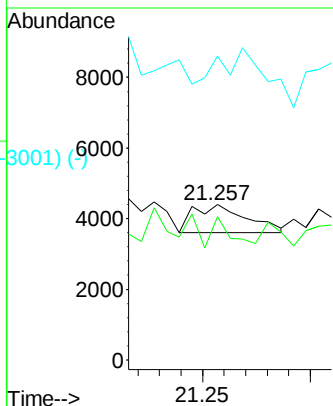
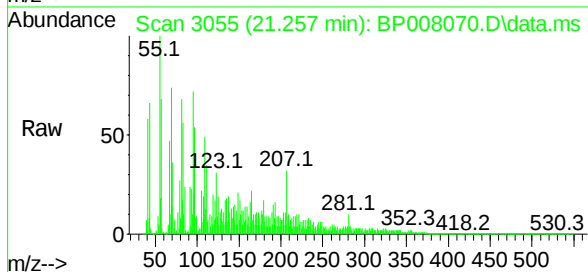




Scan 3052 (21.239 min): BP008042.D\data.ms (-3001) (-)
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.257 min Scan# 3055
 Delta R.T. 0.018 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

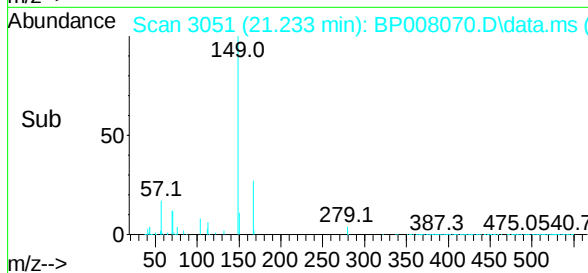
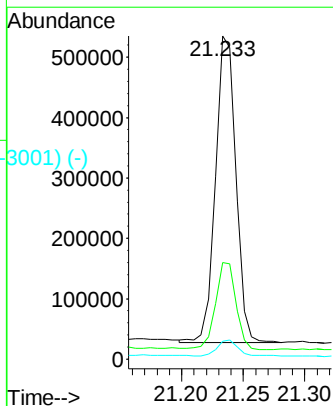
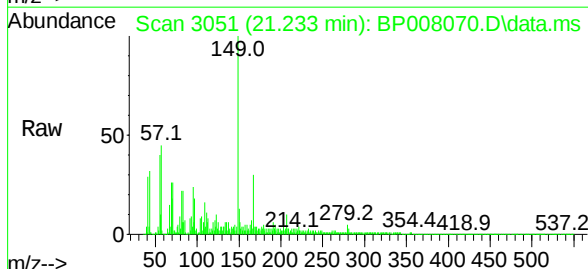
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27106

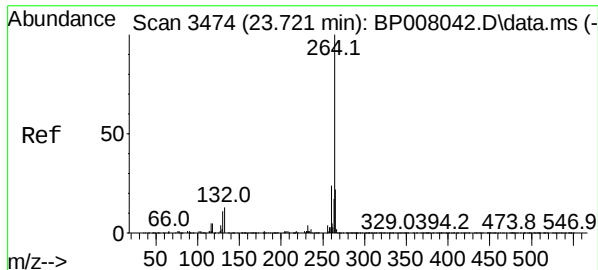
Tgt Ion:	252	Resp:	1342
Ion	Ratio	Lower	Upper
252	100		
254	92.0	51.8	77.8#
126	195.7	7.2	10.8#



Scan 3052 (21.239 min): BP008042.D\data.ms (-3001) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 26.03 ng
 RT: 21.233 min Scan# 3051
 Delta R.T. -0.006 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	149	Resp:	587632
Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.7	34.1
279	5.4	4.0	6.0

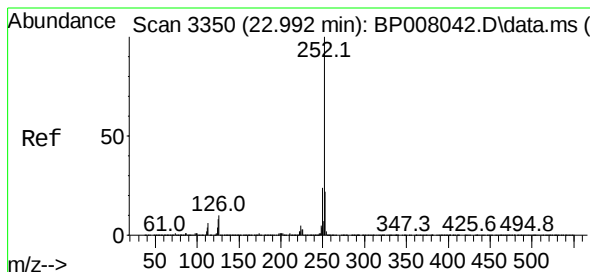
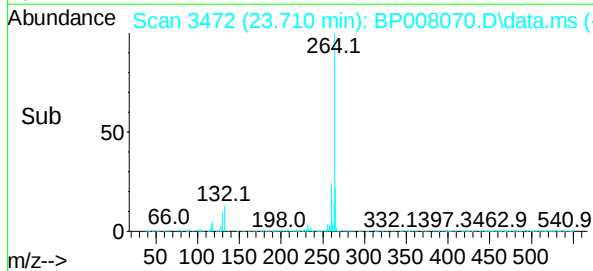
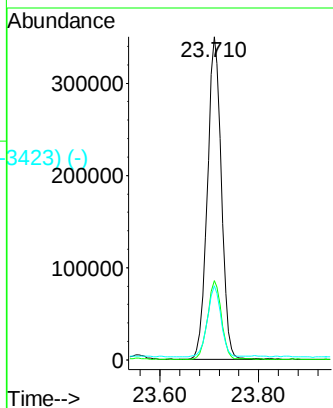
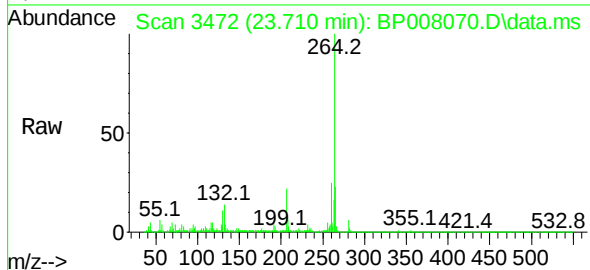




Perylene-d12
 Concen: 20.00 ng
 RT: 23.710 min Scan# 458
 Delta R.T. -0.011 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-27106

Tgt Ion:	264	Resp:	689399
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.0	28.6
265	22.9	17.7	26.5



Benzo(b)fluoranthene
 Concen: 2.18 ng
 RT: 22.986 min Scan# 3349
 Delta R.T. -0.006 min
 Lab File: BP008070.D
 Acq: 20 Nov 2021 22:13

Tgt Ion:	252	Resp:	93859
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.4	26.2#
125	23.2	6.1	9.1#

