

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122922\
 Data File : BP013363.D
 Acq On : 29 Dec 2022 15:29
 Operator : CG/JU
 Sample : N6128-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4492

Quant Time: Dec 29 16:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 28 00:16:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	451124	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1947578	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1354480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	3117443	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	2337569	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	2034371	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	45881	4.349	ng/uL	0.00
4) Pyridine-d5	3.758	84	874	0.029	ng/ul	0.01
7) Phenol-d5	7.093	99	1041328	28.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	623185	28.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	785056	27.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	791733	26.296	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	392254	27.412	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	452407	28.083	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	855140	27.329	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	901873	20.416	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	3257980	31.297	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	3305350	28.896	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	491933	26.271	ng/ul	0.00
60) Fluorene-d10	15.569	176	2865337	32.536	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	423666	21.118	ng/ul	0.00
73) Anthracene-d10	17.434	188	4701630	33.430	ng/ul	0.00
81) Pyrene-d10	19.663	212	5434191	40.500	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	3498997	34.506	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.117	94	2112723	56.866	ng/ul	95
22) Nitrobenzene	9.140	77	1643738	48.953	ng/ul	96
23) Isophorone	9.669	82	3961500	58.347	ng/ul	98
30) Naphthalene	10.793	128	6328449	62.131	ng/ul	100
32) 4-Chloroaniline	10.793	127	832291	19.040	ng/ul#	6
36) 2-Methylnaphthalene	12.399	142	3684438	52.728	ng/ul	99
41) 2,4,6-Trichlorophenol	13.005	196	1848598	65.952	ng/ul	99
42) 2,4,5-Trichlorophenol	13.005	196	1598863	53.104	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	4217493	41.459	ng/ul	99
50) Acenaphthylene	14.293	152	3440132	27.974	ng/ul	100
56) Dibenzofuran	14.975	168	7012824	57.880	ng/ul	100
59) Diethylphthalate	15.393	149	4604441	45.908	ng/ul	98
69) Hexachlorobenzene	16.628	284	1703642	42.380	ng/ul	99
71) Pentachlorophenol	16.975	266	1628886	66.910	ng/ul	100
74) Anthracene	17.469	178	8391901	51.760	ng/ul	99
77) Carbazole	17.740	167	9114954	66.756	ng/ul	99
80) Fluoranthene	19.339	202	9517985	62.500	ng/ul	100
85) Benzo(a)anthracene	21.398	228	6674793	43.013	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	4343943	50.742	ng/ul	99
87) Chrysene	21.398	228	6674793	45.484	ng/ul	97
89) Di-n-octyl phthalate	22.251	149	6704232	58.824	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.463	276	8001060	56.866	ng/ul	99
95) Dibenzo(a,h)anthracene	26.480	278	7056588	60.575	ng/ul	99

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Response via : Initial Calibration

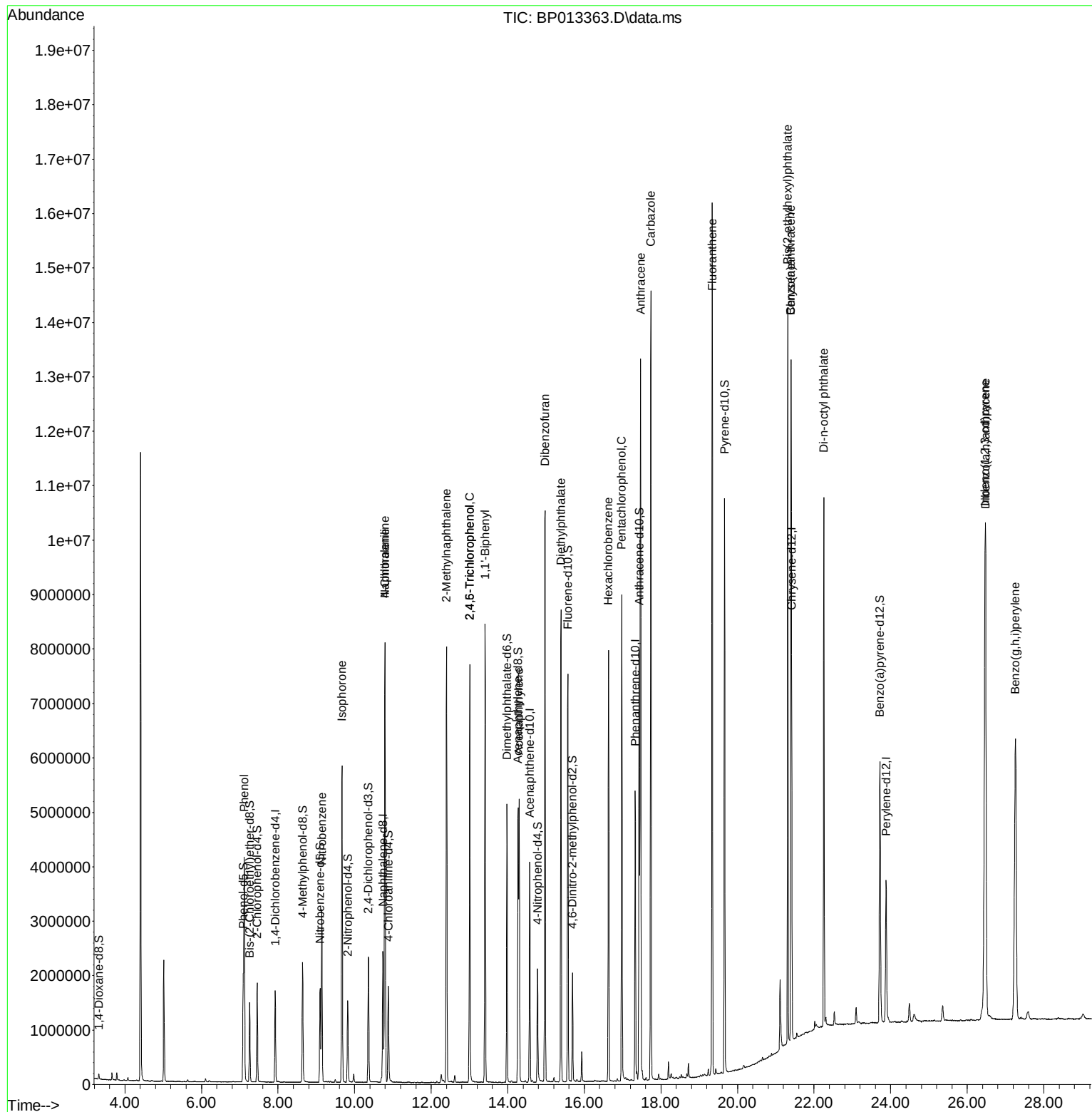
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.257	276	7182305	63.585	ng/ul	98

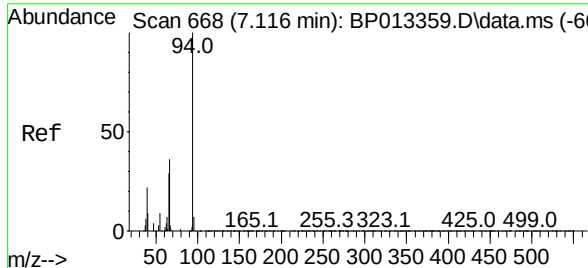
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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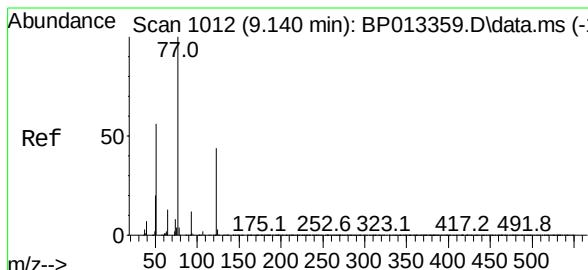
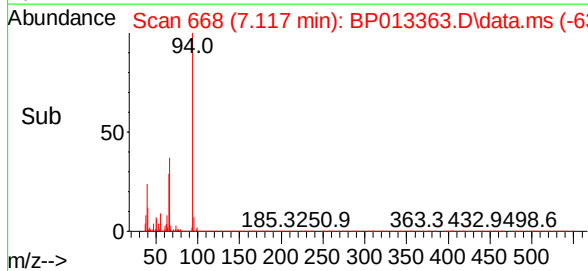
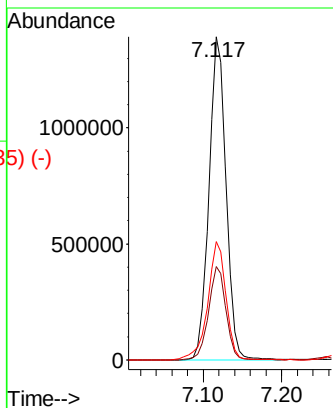
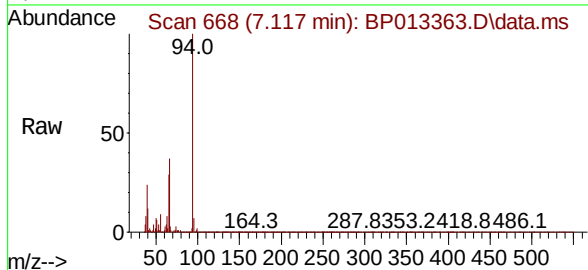




Phenol
 Concen: 56.866 ng/ul
 RT: 7.117 min Scan# 668
 Delta R.T. -0.006 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

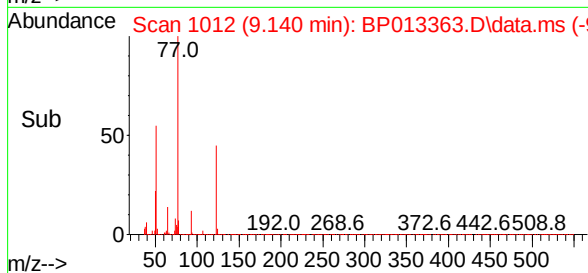
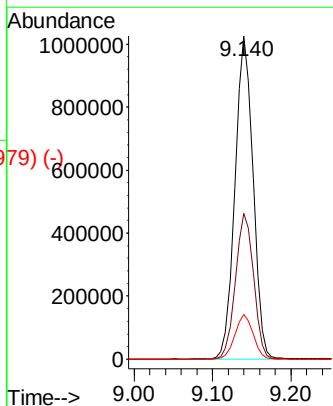
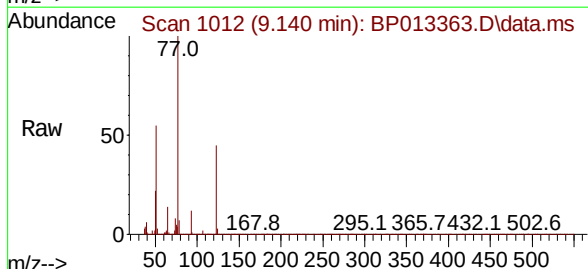
Instrument :
 BNA_P
 ClientSampleId :
 A4492

Tgt Ion: 94	Resp: 2112723
Ion Ratio	Lower Upper
94 100	
65 28.8	21.1 31.7
66 36.7	27.0 40.6

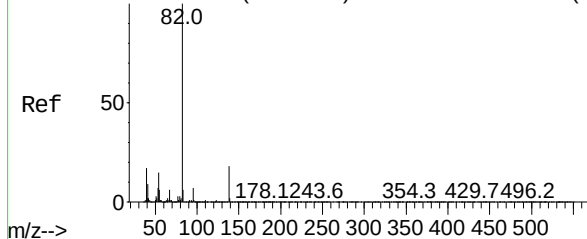


Nitrobenzene
 Concen: 48.953 ng/ul
 RT: 9.140 min Scan# 1012
 Delta R.T. -0.006 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Tgt	Ion: 77	Resp: 1643738	
Ion	Ratio	Lower	Upper
77	100		
123	45.2	38.3	57.5
65	13.9	10.3	15.5



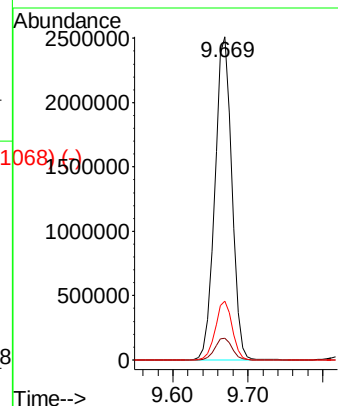
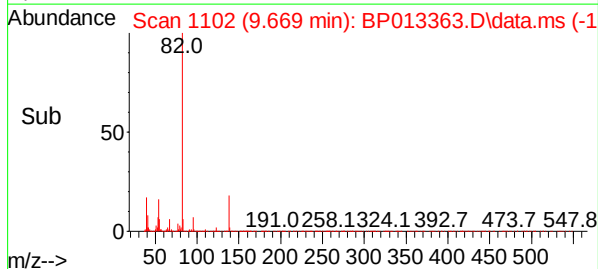
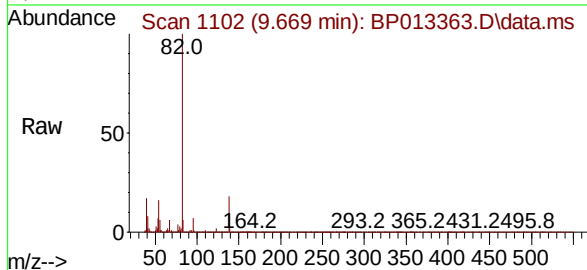
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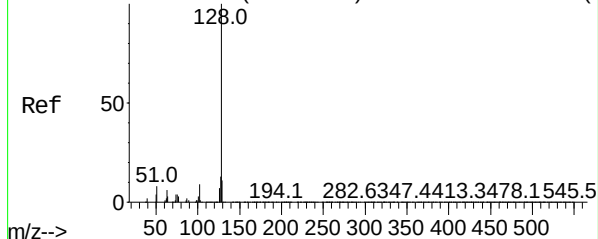
Isophorone
Concen: 58.347 ng/ul
RT: 9.669 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

Instrument :
BNA_P
ClientSampleId :
A4492

Tgt Ion:	82	Resp:	3961500
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.2	15.3	22.9

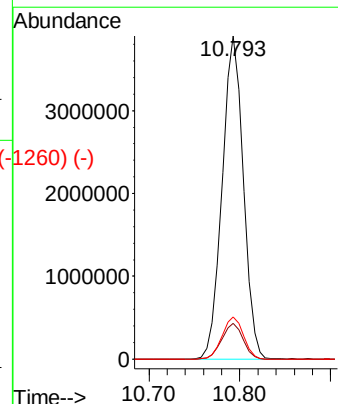
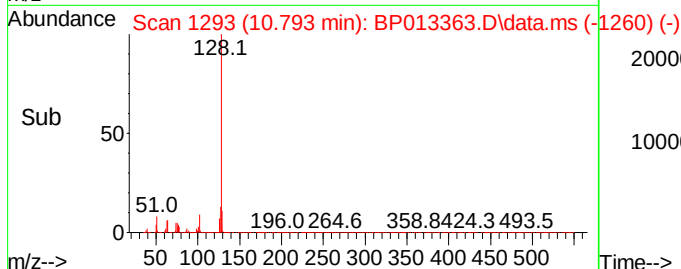
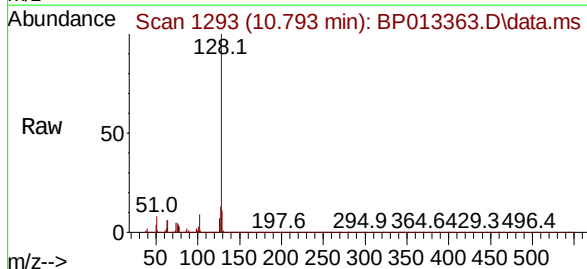


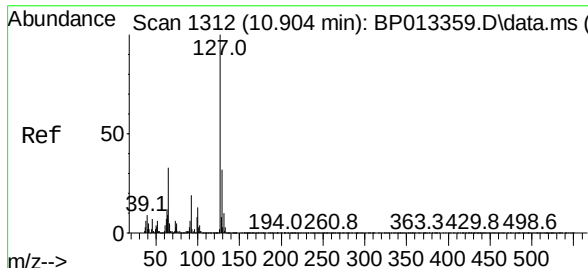
Abundance Scan 1293 (10.793 min): BP013359.D\data.ms (-1260) (-)



Naphthalene
Concen: 62.131 ng/ul
RT: 10.793 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

Tgt Ion:	128	Resp:	6328449
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.4	15.6

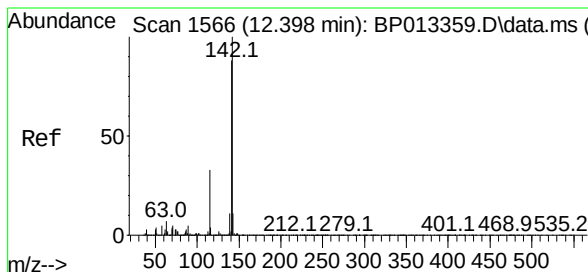
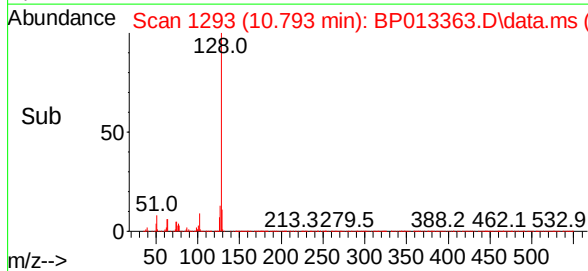
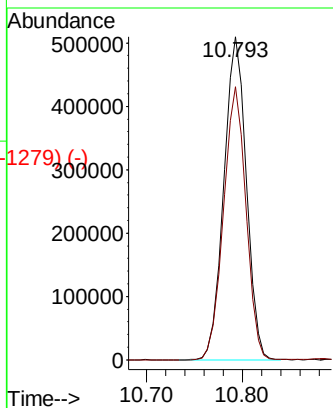
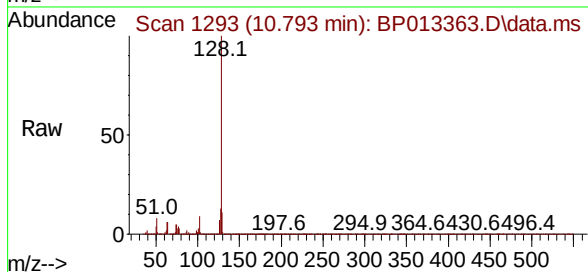




4-Chloroaniline
 Concen: 19.040 ng/ul
 RT: 10.793 min Scan# 1293
 Delta R.T. -0.117 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

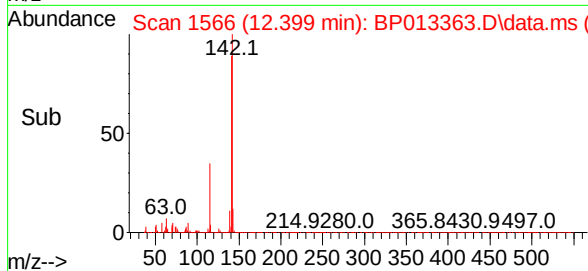
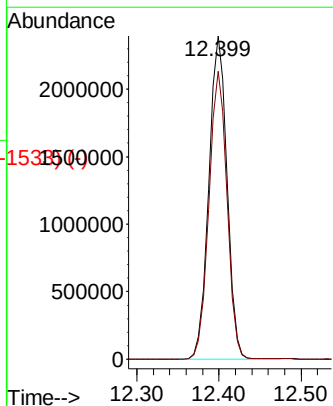
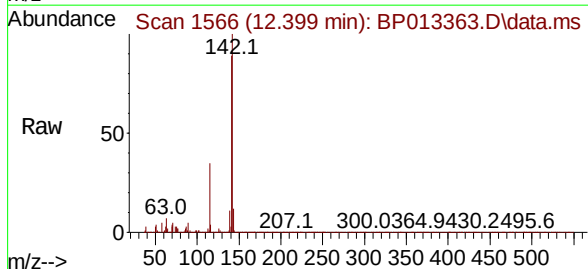
Instrument :
 BNA_P
 ClientSampleId :
 A4492

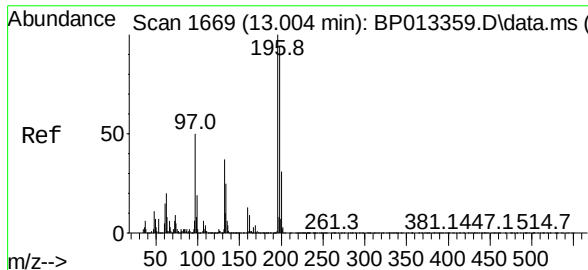
Tgt Ion:127 Resp: 832291
 Ion Ratio Lower Upper
 127 100
 129 84.5 25.6 38.4#



2-Methylnaphthalene
 Concen: 52.728 ng/ul
 RT: 12.399 min Scan# 1566
 Delta R.T. -0.006 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Tgt Ion:142 Resp: 3684438
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2

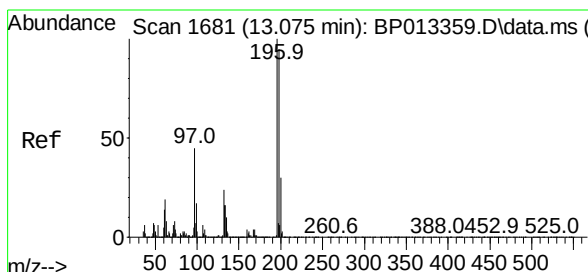
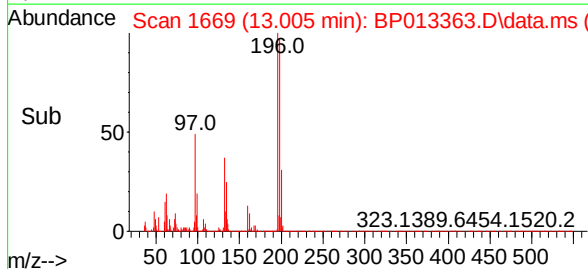
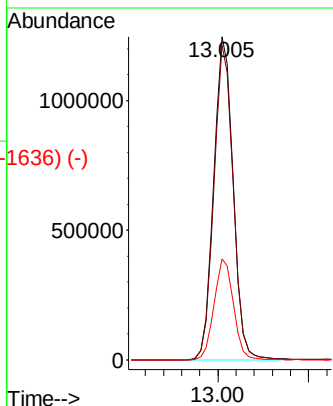
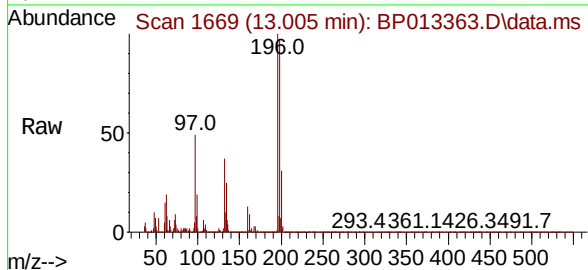




2,4,6-Trichlorophenol
Concen: 65.952 ng/ul
RT: 13.005 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

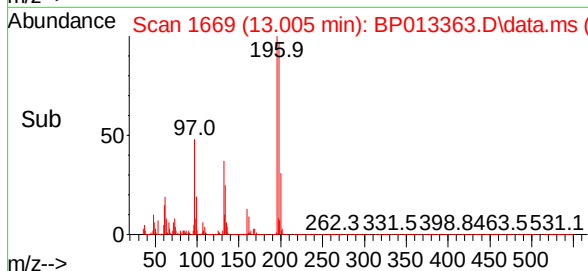
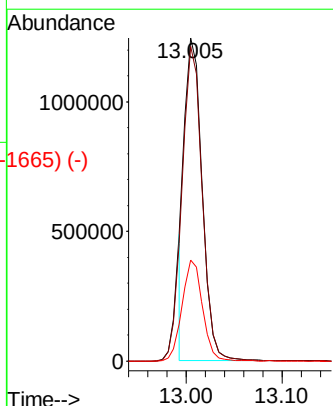
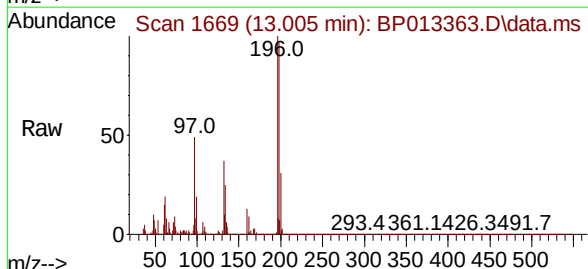
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BNA_P
ClientSampleId :
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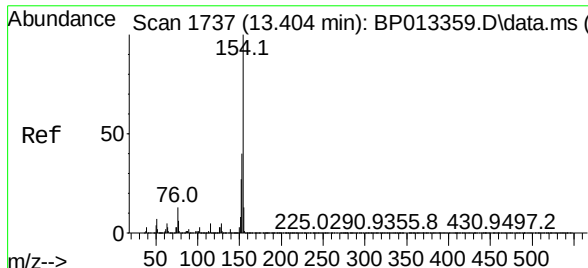
Tgt Ion:196 Resp: 1848598
Ion Ratio Lower Upper
196 100
198 97.4 77.0 115.6
200 31.3 25.3 37.9



2,4,5-Trichlorophenol
Concen: 53.104 ng/ul
RT: 13.005 min Scan# 1669
Delta R.T. -0.076 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

Tgt Ion:196 Resp: 1598863
Ion Ratio Lower Upper
196 100
198 97.4 77.1 115.7
200 31.3 25.4 38.2

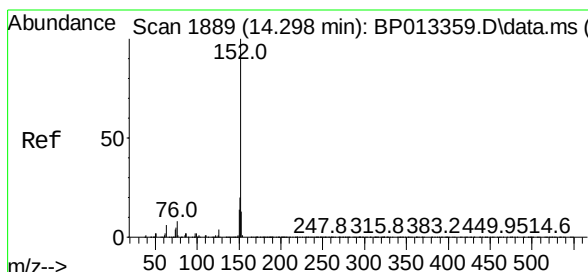
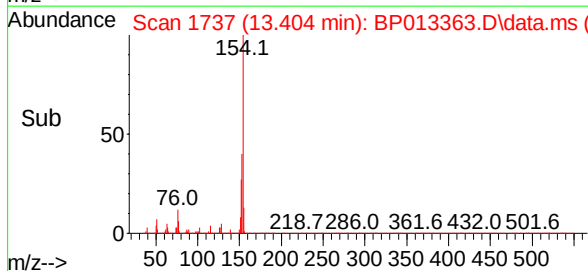
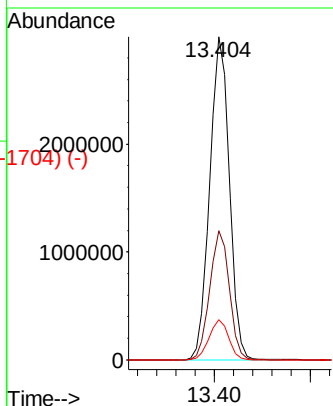
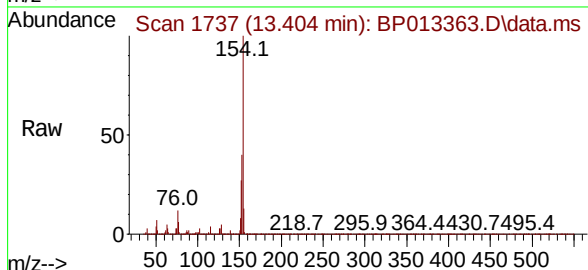




Scan 1737 (13.404 min): BP013359.D\data.ms (-1743)
 1,1'-Biphenyl
 Concen: 41.459 ng/ul
 RT: 13.404 min Scan# 1737
 Delta R.T. -0.006 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

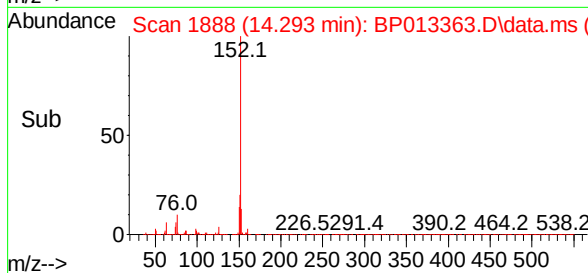
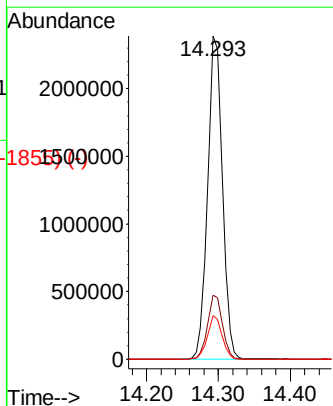
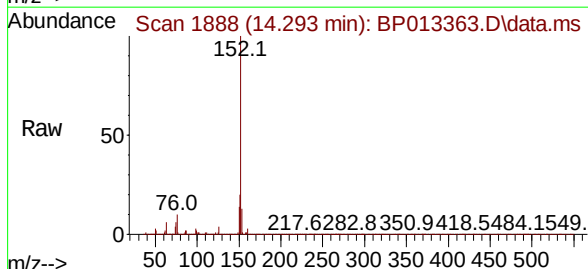
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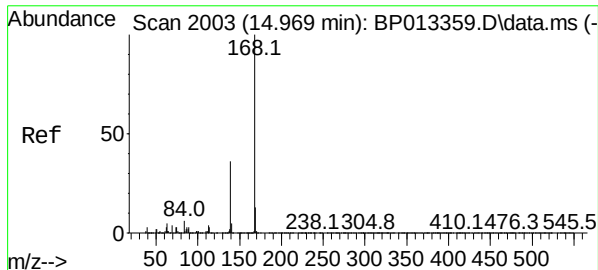
Tgt Ion:	154	Resp:	4217493
Ion	Ratio	Lower	Upper
154	100		
153	40.0	31.5	47.3
76	12.5	9.6	14.4



Scan 1889 (14.298 min): BP013359.D\data.ms (-1851)
 Acenaphthylene
 Concen: 27.974 ng/ul
 RT: 14.293 min Scan# 1888
 Delta R.T. -0.006 min
 Lab File: BP013363.D
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Tgt Ion:	152	Resp:	3440132
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.4	10.6	16.0

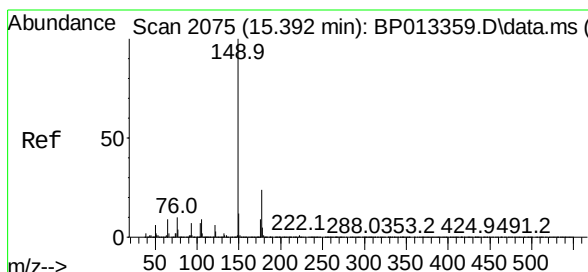
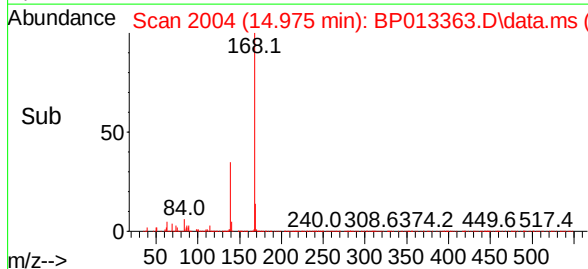
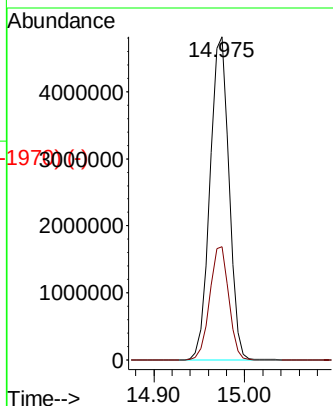
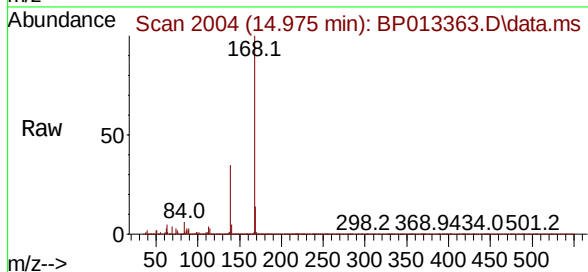




Dibenzenofuran
Concen: 57.880 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP013363.D
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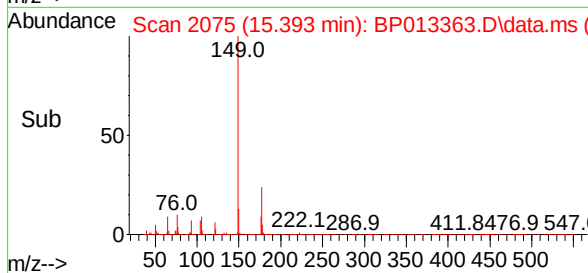
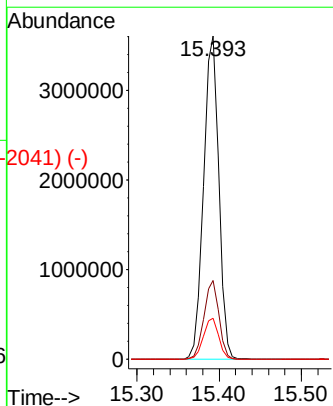
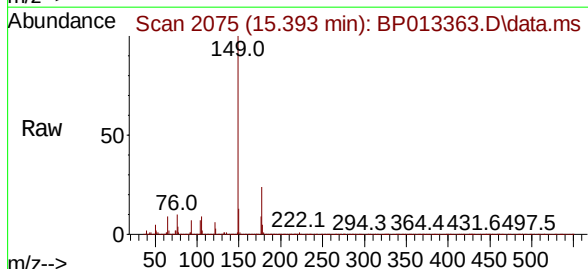
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Tgt Ion:168 Resp: 7012824
Ion Ratio Lower Upper
168 100
139 35.1 27.9 41.9



Diethylphthalate
Concen: 45.908 ng/ul
RT: 15.393 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

Tgt Ion:149 Resp: 4604441
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.6 9.9 14.9



Abundance Scan 2286 (16.633 min): BP013359.D\data.ms (-2769) (-)

Hexachlorobenzene

Concen: 42.380 ng/ul

RT: 16.628 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BP013363.D

Acq: 29 Dec 2022 15:29

Instrument :

BNA_P

ClientSampleId :

A4492

Tgt Ion:284 Resp: 1703642

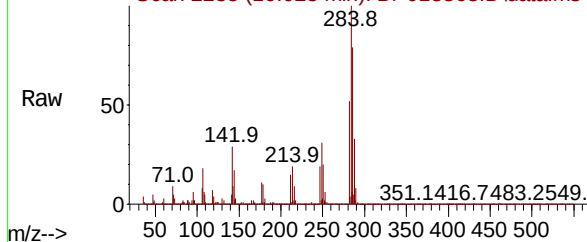
Ion Ratio Lower Upper

284 100

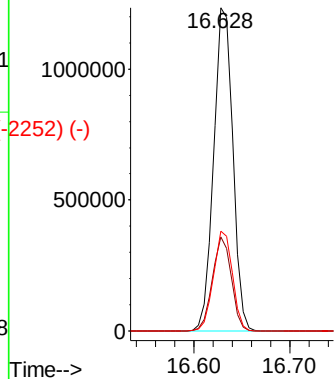
142 29.0 22.6 34.0

249 30.8 24.6 37.0

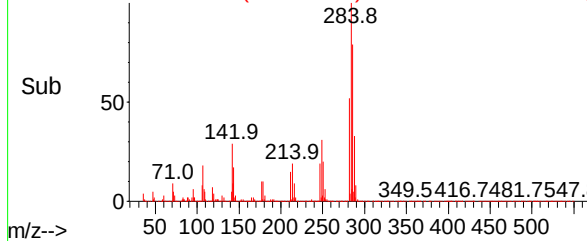
Abundance Scan 2285 (16.628 min): BP013363.D\data.ms



Abundance



Abundance Scan 2285 (16.628 min): BP013363.D\data.ms (-2252) (-)



Abundance Scan 2345 (16.980 min): BP013359.D\data.ms (-2371) (-)

Pentachlorophenol

Concen: 66.910 ng/ul

RT: 16.975 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP013363.D

Acq: 29 Dec 2022 15:29

Tgt Ion:266 Resp: 1628886

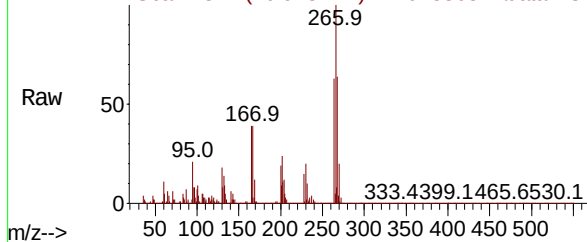
Ion Ratio Lower Upper

266 100

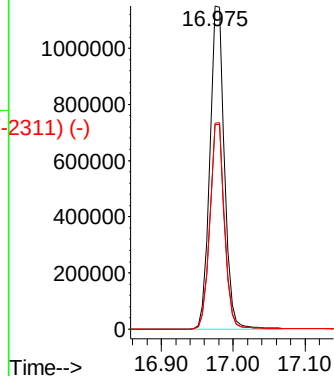
264 63.4 50.9 76.3

268 63.8 51.4 77.2

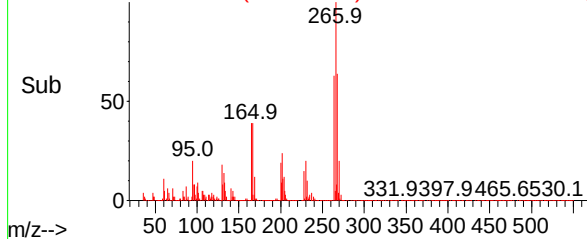
Abundance Scan 2344 (16.975 min): BP013363.D\data.ms



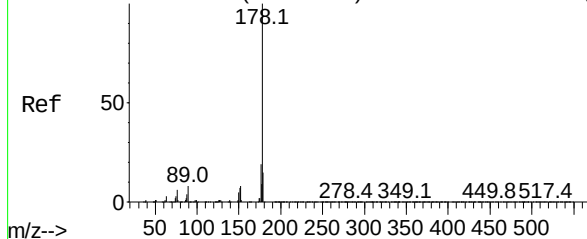
Abundance



Abundance Scan 2344 (16.975 min): BP013363.D\data.ms (-2311) (-)



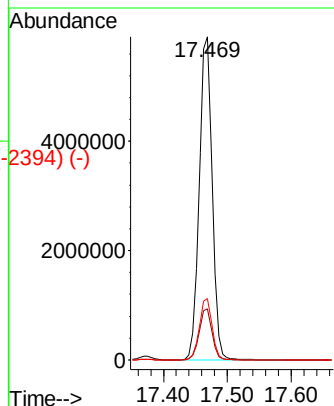
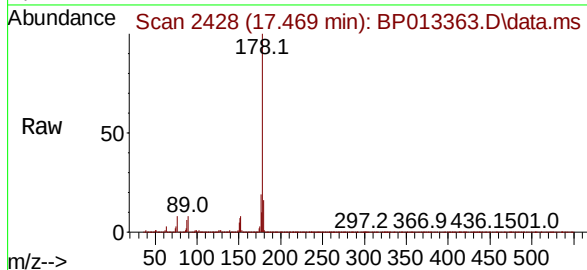
Abundance Scan 2428 (17.469 min): BP013359.D\data.ms (-2471) (-)



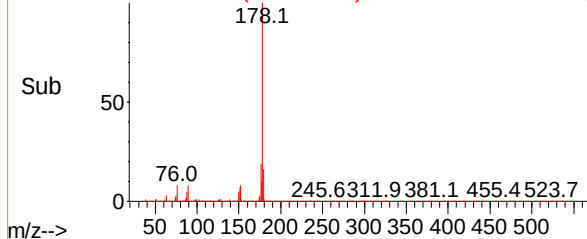
Anthracene
Concen: 51.760 ng/ul
RT: 17.469 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

Instrument :
BNA_P
ClientSampleId :
A4492

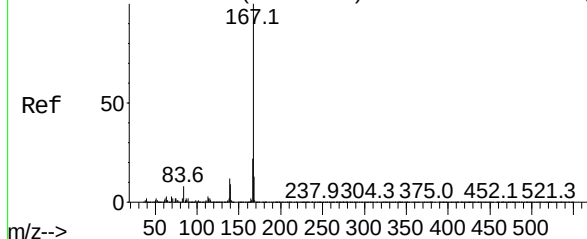
Tgt Ion:	178	Resp:	8391901
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	19.1	14.8	22.2



Abundance Scan 2428 (17.469 min): BP013363.D\data.ms (-2394) (-)

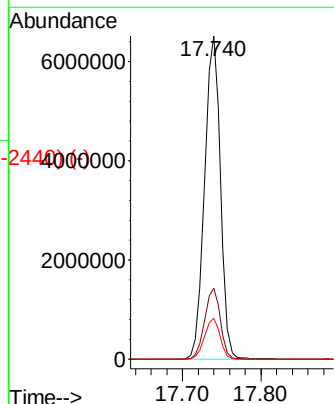
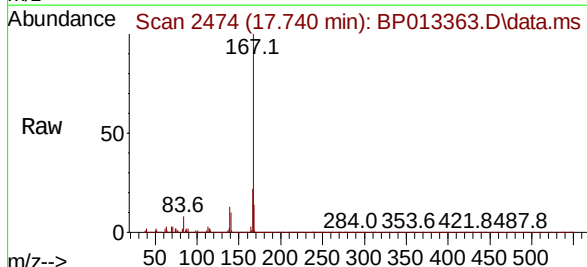


Abundance Scan 2474 (17.739 min): BP013359.D\data.ms (-2477) (-)

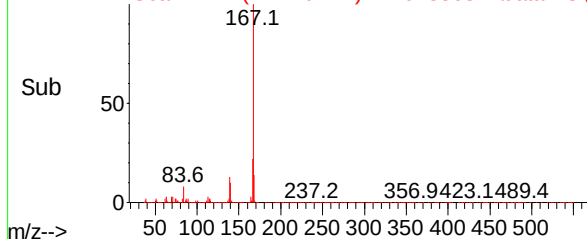


Carbazole
Concen: 66.756 ng/ul
RT: 17.740 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BP013363.D
Acq: 29 Dec 2022 15:29

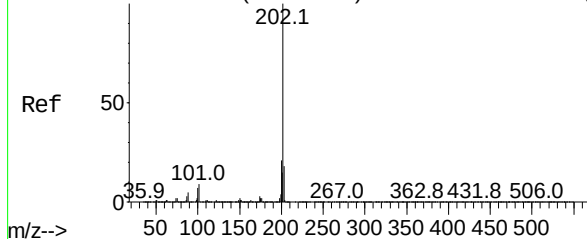
Tgt Ion:	167	Resp:	9114954
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.6	9.4	14.2



Abundance Scan 2474 (17.740 min): BP013363.D\data.ms (-2440) (-)



Abundance Scan 2746 (19.339 min): BP013359.D\data.ms (-2739) (-)



Fluoranthene

Concen: 62.500 ng/ul

RT: 19.339 min Scan# 3096

Delta R.T. 0.000 min

Lab File: BP013363.D

Acq: 29 Dec 2022 15:29

Instrument :

BNA_P

ClientSampleId :

A4492

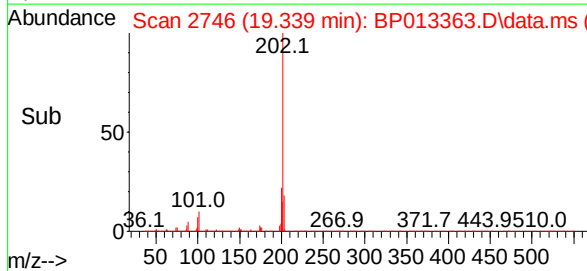
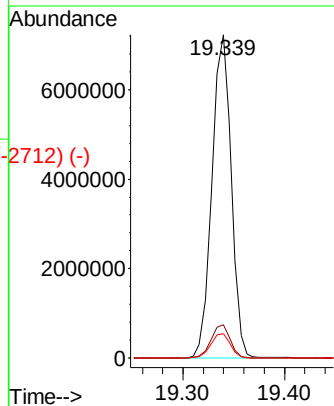
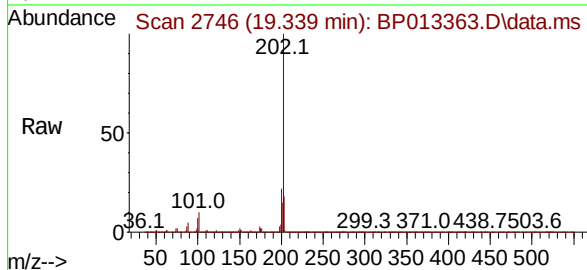
Tgt Ion:202 Resp: 9517985

Ion Ratio Lower Upper

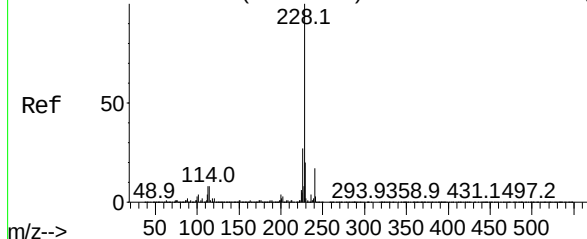
202 100

101 10.2 8.2 12.2

100 7.5 6.1 9.1



Abundance Scan 3097 (21.404 min): BP013359.D\data.ms (-3095) (-)



Benzo(a)anthracene

Concen: 43.013 ng/ul

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP013363.D

Acq: 29 Dec 2022 15:29

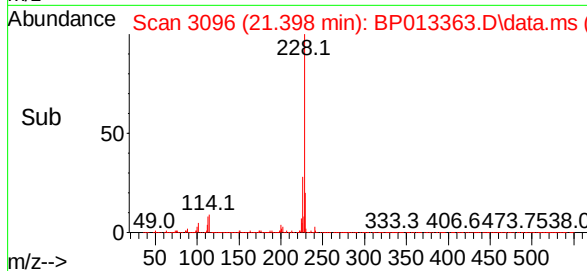
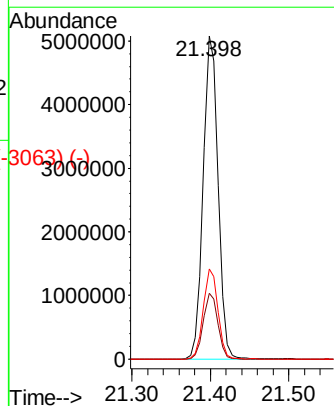
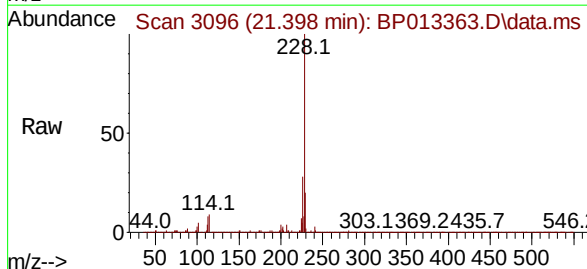
Tgt Ion:228 Resp: 6674793

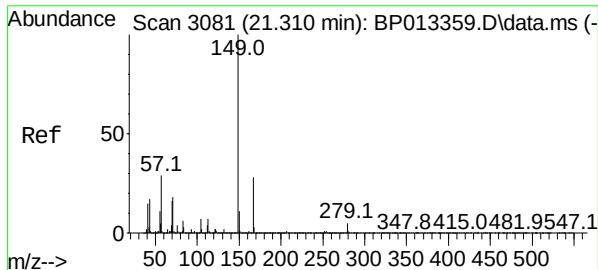
Ion Ratio Lower Upper

228 100

229 20.4 16.1 24.1

226 27.9 22.0 33.0

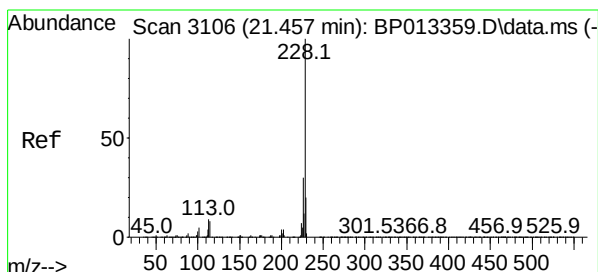
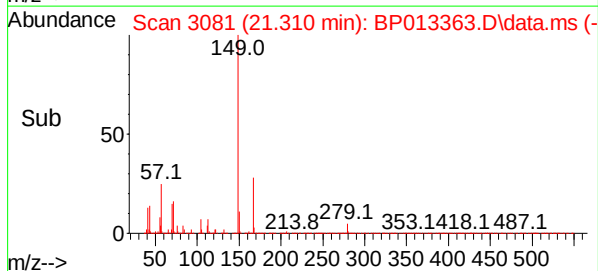
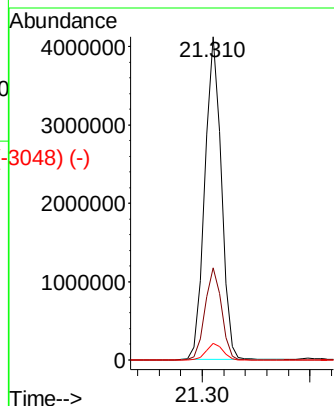
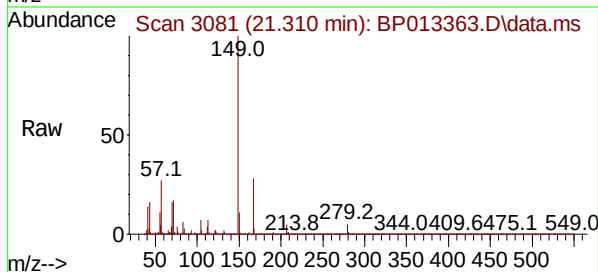




Bis(2-ethylhexyl)phthalate
 Concen: 50.742 ng/ul
 RT: 21.310 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

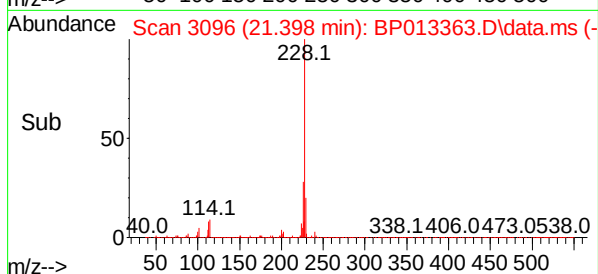
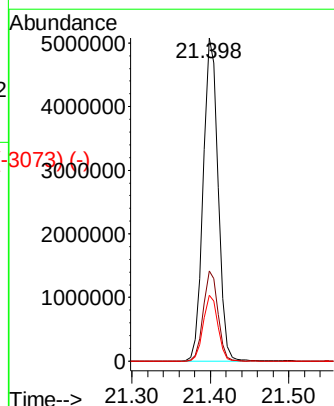
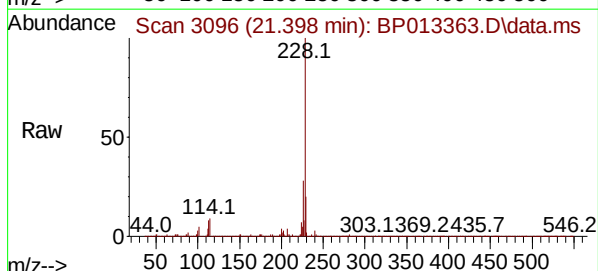
Instrument :
 BNA_P
 ClientSampleId :
 A4492

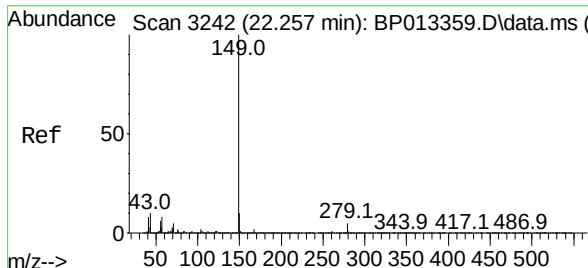
Tgt Ion:	149	Resp:	4343943
Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.5	33.7
279	5.1	3.8	5.8



Chrysene
 Concen: 45.484 ng/ul
 RT: 21.398 min Scan# 3096
 Delta R.T. -0.064 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Tgt Ion:	228	Resp:	6674793
Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.5	36.7
229	20.4	16.0	24.0

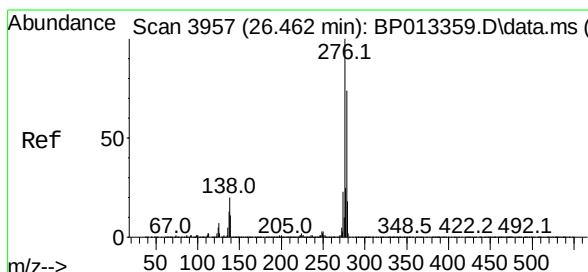
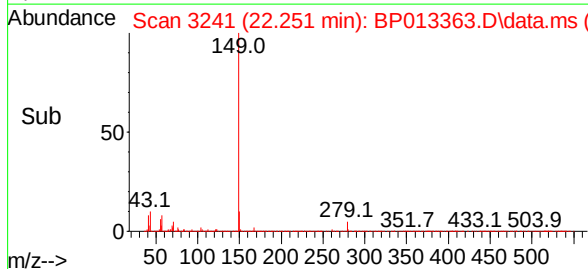
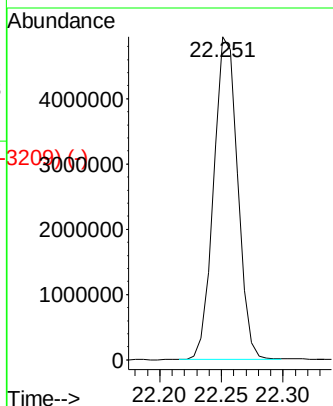
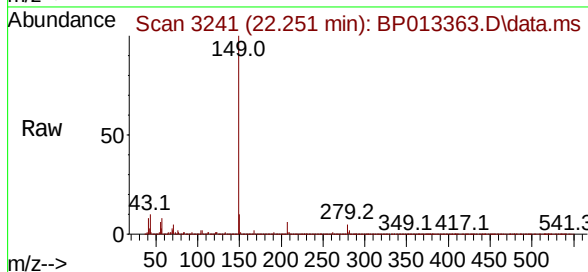




Di-n-octyl phthalate
 Concen: 58.824 ng/ul
 RT: 22.251 min Scan# 3241
 Delta R.T. -0.012 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Instrument :
 BNA_P
 ClientSampleId :
 A4492

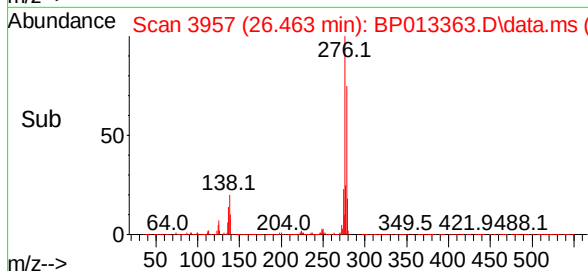
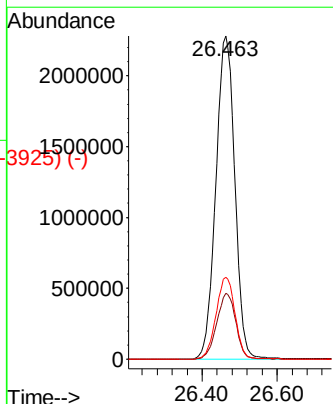
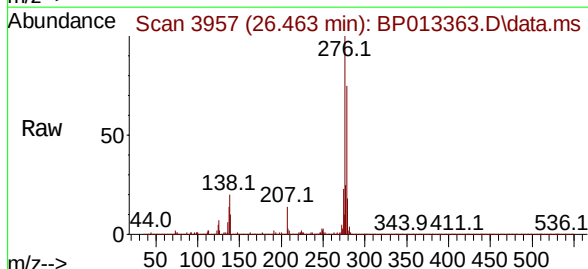
Tgt Ion:149 Resp: 6704232

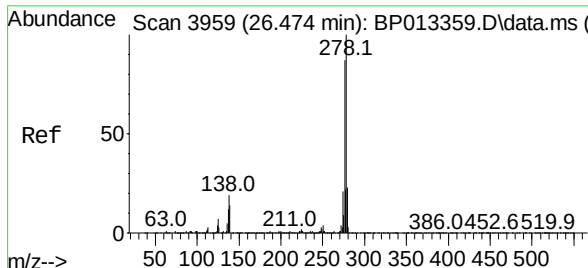


Indeno(1,2,3-cd)pyrene
 Concen: 56.866 ng/ul
 RT: 26.463 min Scan# 3957
 Delta R.T. -0.012 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Tgt Ion:276 Resp: 8001060

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.1	25.7
277	25.4	20.0	30.0

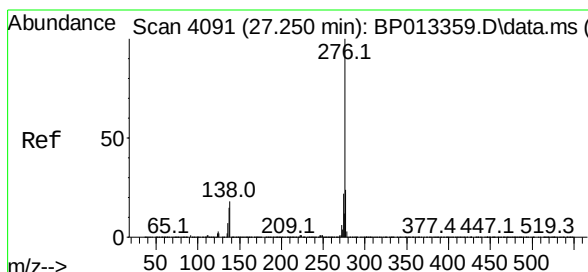
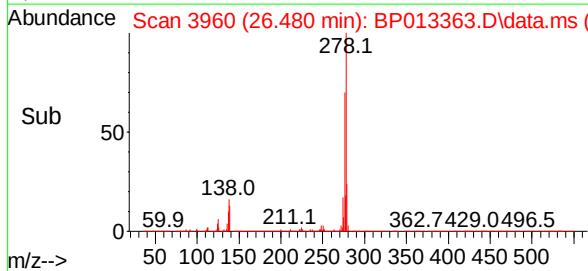
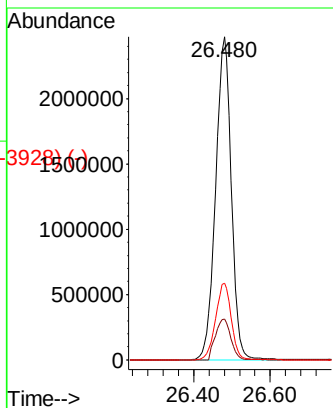
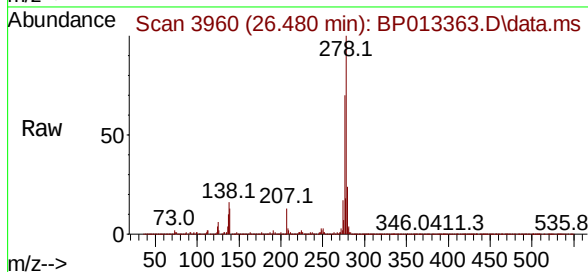




Scan 3959 (26.474 min): BP013359.D\data.ms (-3945) (-)
 Dibenzo(a,h)anthracene
 Concen: 60.575 ng/ul
 RT: 26.480 min Scan# 4095
 Delta R.T. -0.012 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Instrument :
 BNA_P
 ClientSampleId :
 A4492

Tgt Ion:	278	Resp:	7056588
Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.1	16.7
279	23.7	19.0	28.6



Scan 4091 (27.250 min): BP013359.D\data.ms (-4096) (-)
 Benzo(g,h,i)perylene
 Concen: 63.585 ng/ul
 RT: 27.257 min Scan# 4092
 Delta R.T. -0.006 min
 Lab File: BP013363.D
 Acq: 29 Dec 2022 15:29

Tgt Ion:	276	Resp:	7182305
Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.4	23.2
277	24.2	19.1	28.7

