

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008019.D
 Acq On : 18 Nov 2021 16:44
 Operator : CG/JU
 Sample : M4713-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP

Quant Time: Nov 19 02:23:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

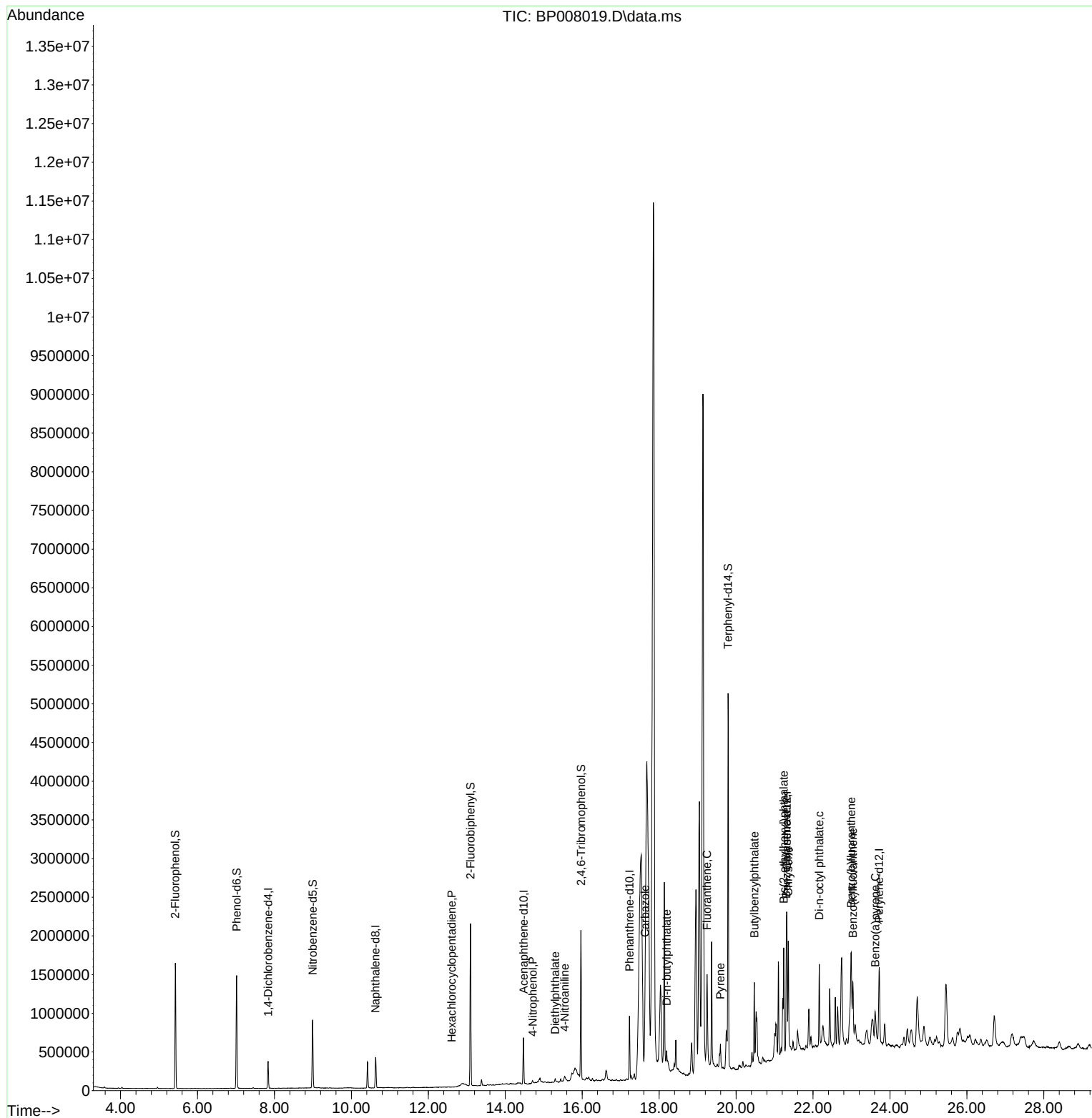
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	95716	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	318349	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	206515	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	483787	20.000	ng	#-0.01
76) Chrysene-d12	21.322	240	686757	20.000	ng	#-0.01
86) Perylene-d12	23.721	264	797387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	680881	115.398	ng	0.00
7) Phenol-d6	7.016	99	808837	103.044	ng	0.00
23) Nitrobenzene-d5	8.993	82	491179	82.566	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	419606	129.139	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1104258	75.005	ng	0.00
79) Terphenyl-d14	19.792	244	2362033	69.741	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.958	77	148	Below Cal	#	40
16) 2,2'-oxybis(1-Chloropr...	8.375	45	710	Below Cal		70
41) Hexachlorocyclopentadiene	12.604	237	34	3.079	ng	91
56) 4-Nitrophenol	14.716	139	9916	3.516	ng	86
60) Diethylphthalate	15.298	149	34287	2.177	ng	# 93
62) 4-Nitroaniline	15.545	138	19442	5.466	ng	97
73) Carbazole	17.634	167	126266	5.075	ng	97
74) Di-n-butylphthalate	18.192	149	202955	7.207	ng	99
75) Fluoranthene	19.245	202	163628	5.014	ng	97
78) Pyrene	19.592	202	197145	4.800	ng	98
80) Butylbenzylphthalate	20.475	149	360772	21.275	ng	94
81) Benzo(a)anthracene	21.304	228	775692	17.157	ng	99
83) Chrysene	21.357	228	851877	19.658	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	450368	18.602	ng	# 99
85) Di-n-octyl phthalate	22.163	149	794472	17.806	ng	96
88) Benzo(b)fluoranthene	22.992	252	635974	13.399	ng	98
89) Benzo(k)fluoranthene	23.039	252	612994	12.928	ng	99
90) Benzo(a)pyrene	23.616	252	332719	8.196	ng	97

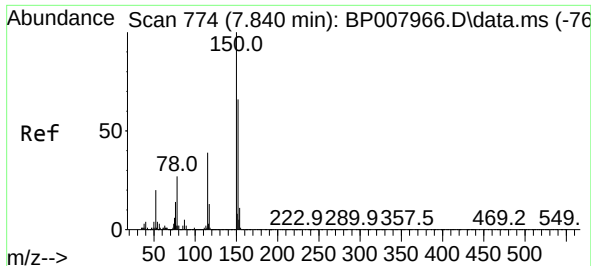
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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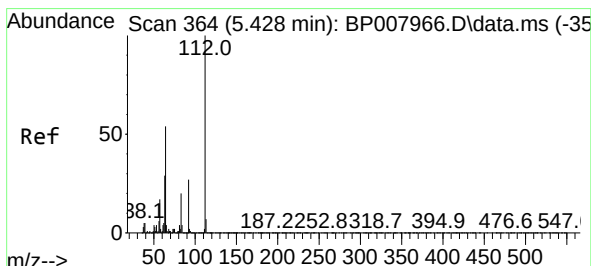
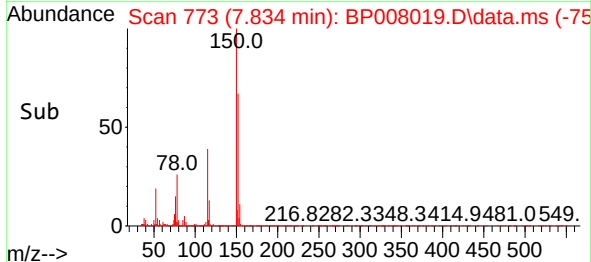
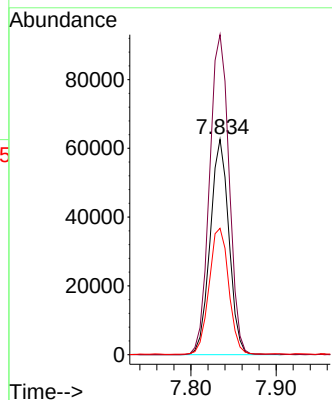
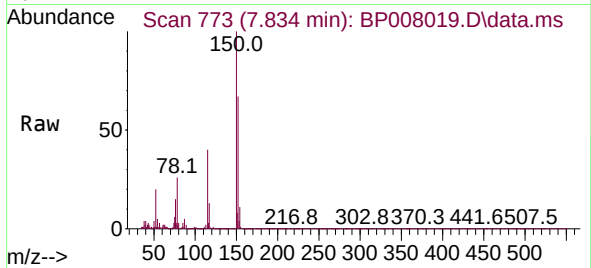




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

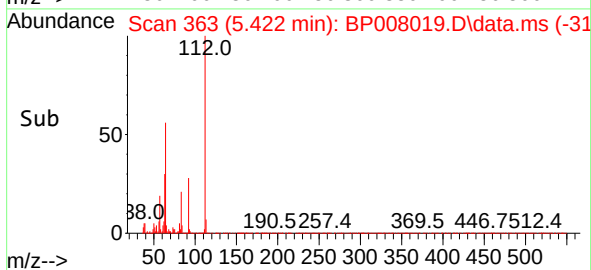
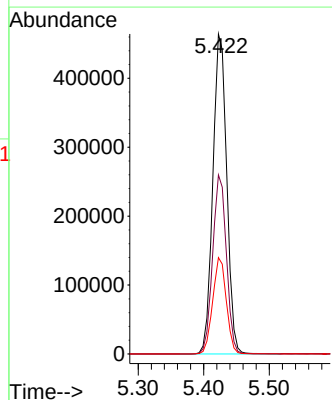
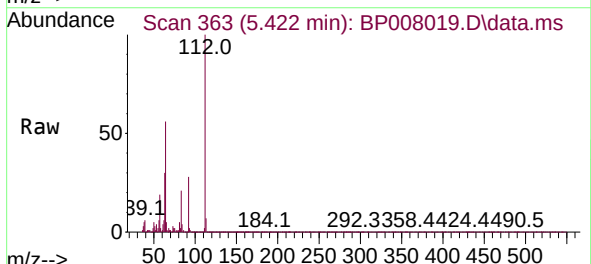
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

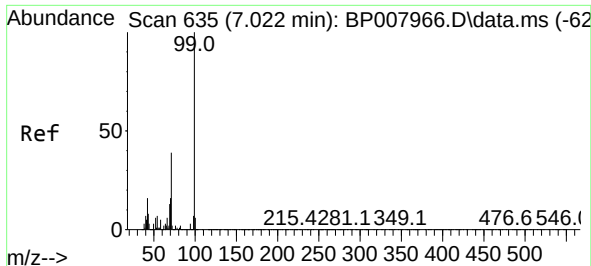
Tgt Ion:152 Resp: 95716
Ion Ratio Lower Upper
152 100
150 148.6 124.1 186.1
115 58.7 48.1 72.1



#5
2-Fluorophenol
Concen: 115.398 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:112 Resp: 680881
Ion Ratio Lower Upper
112 100
64 55.9 46.6 70.0
63 30.1 25.0 37.6

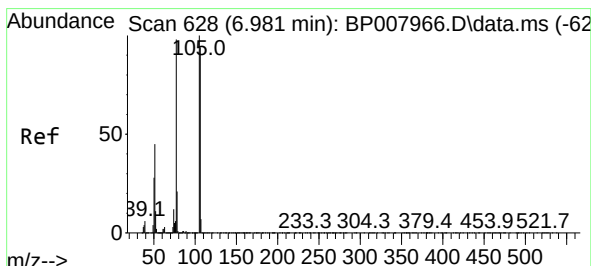
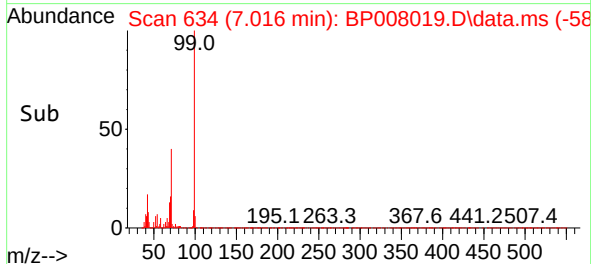
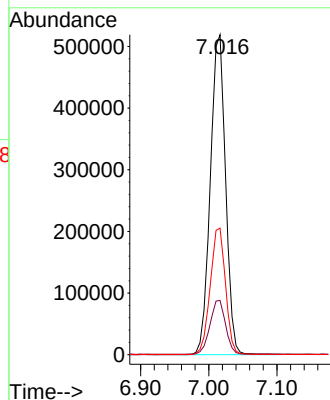
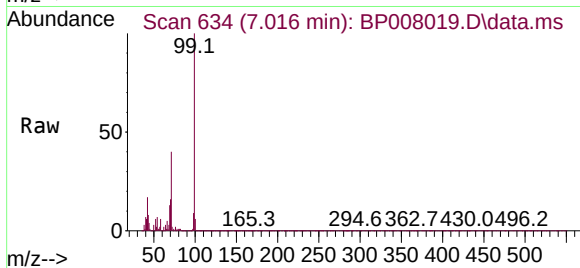




#7
Phenol-d6
Concen: 103.044 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

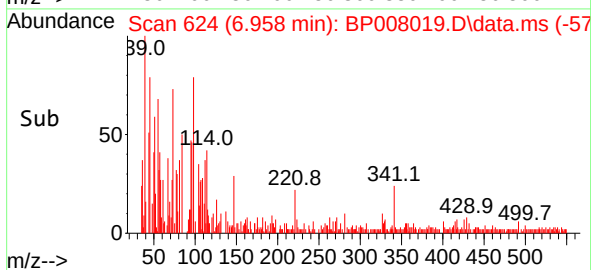
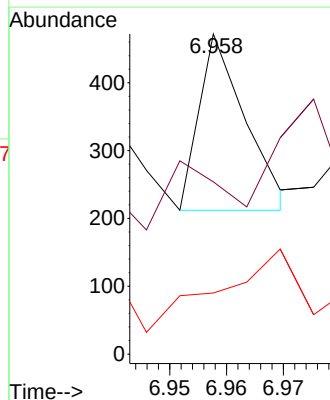
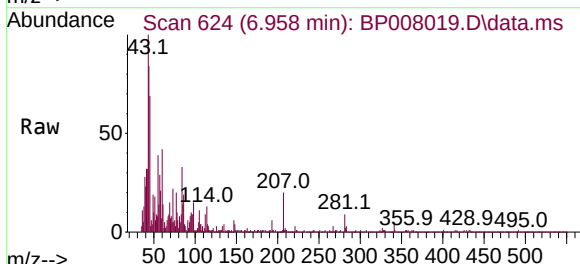
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

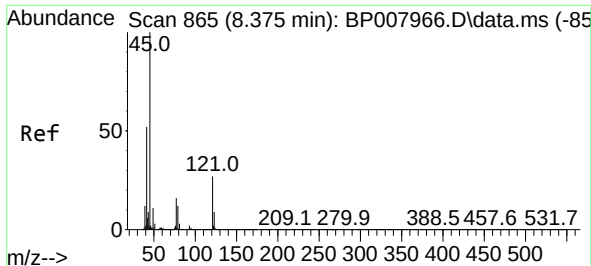
Tgt Ion: 99 Resp: 808837
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 39.5 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.958 min Scan# 624
Delta R.T. -0.023 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion: 77 Resp: 148
Ion Ratio Lower Upper
77 100
105 53.8 77.5 117.5#
106 19.1 72.1 112.1#

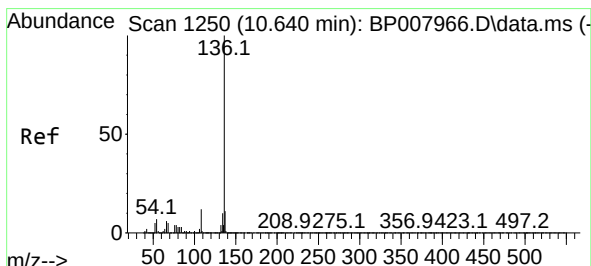
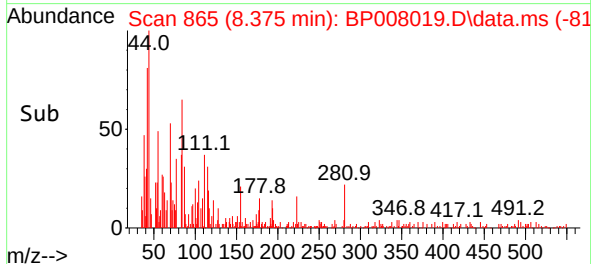
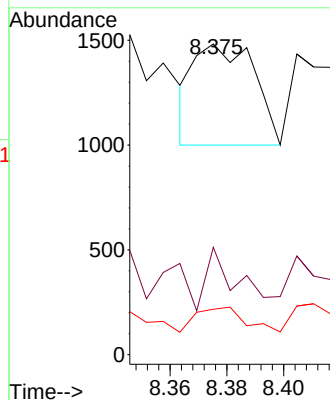
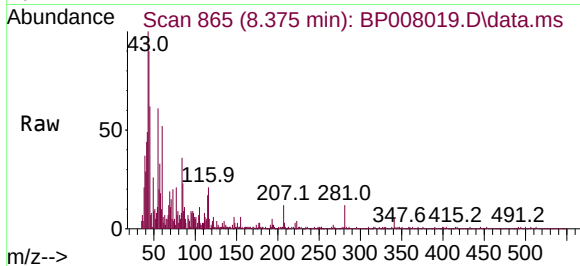




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

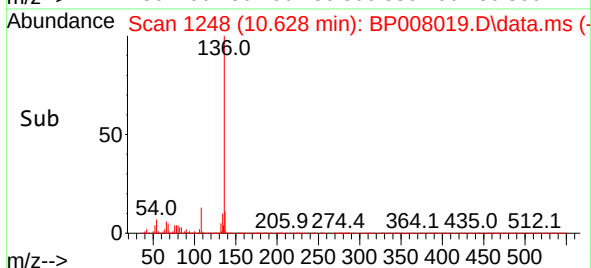
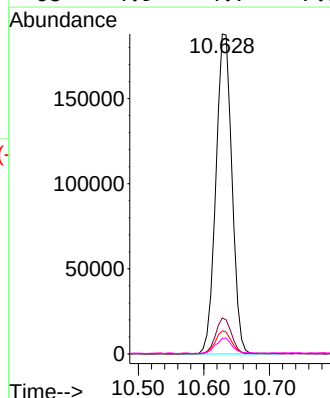
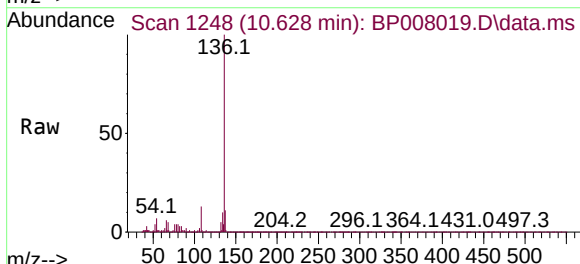
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

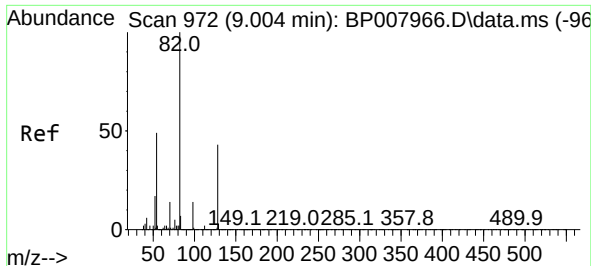
Tgt Ion:	45	Resp:	710
Ion	Ratio	Lower	Upper
45	100		
77	34.5	0.0	34.9
79	14.6	0.0	31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:	136	Resp:	318349
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.2	6.2	9.4
68	4.9	4.7	7.1

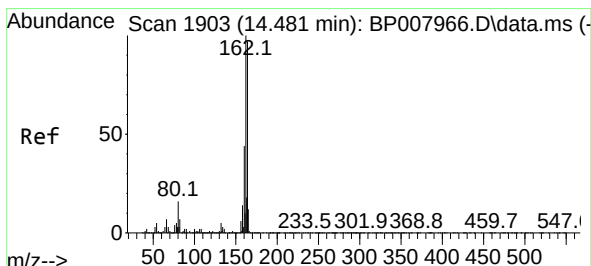
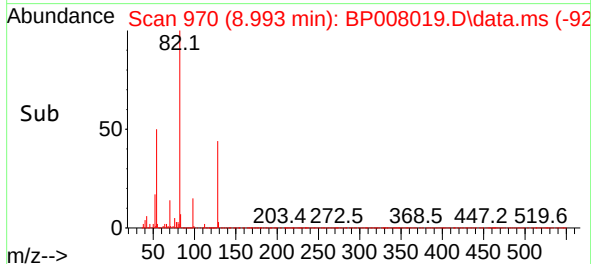
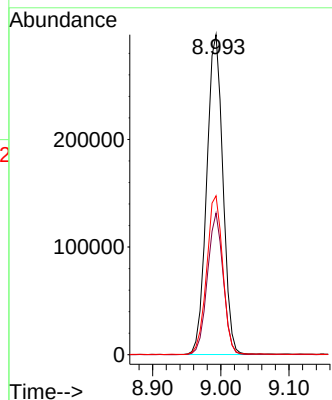
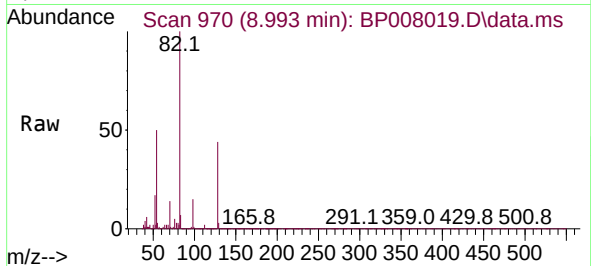




#23
Nitrobenzene-d5
Concen: 82.566 ng
RT: 8.993 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

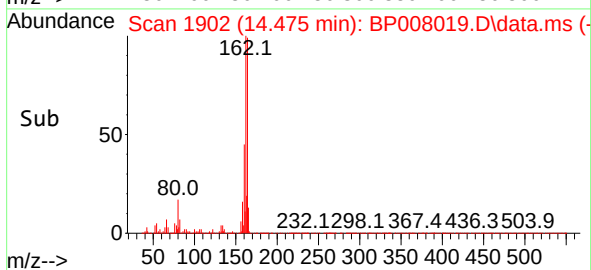
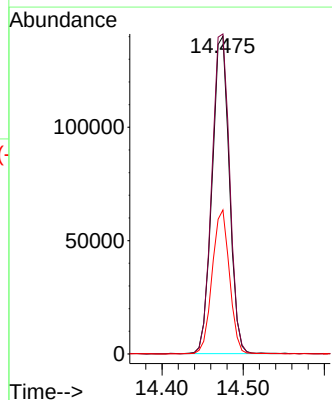
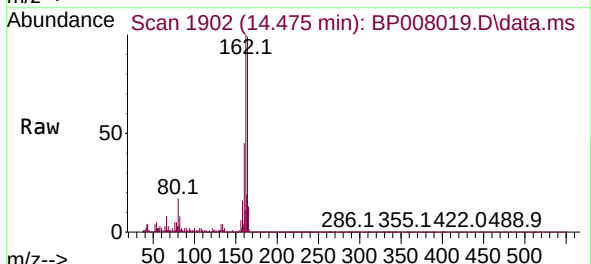
Instrument :
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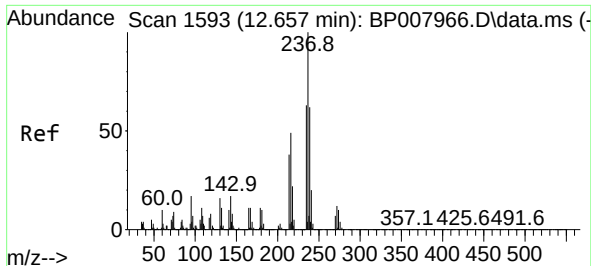
Tgt Ion: 82 Resp: 491179
Ion Ratio Lower Upper
82 100
128 44.3 32.6 48.8
54 49.7 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion: 164 Resp: 206515
Ion Ratio Lower Upper
164 100
162 100.8 81.1 121.7
160 45.4 36.0 54.0

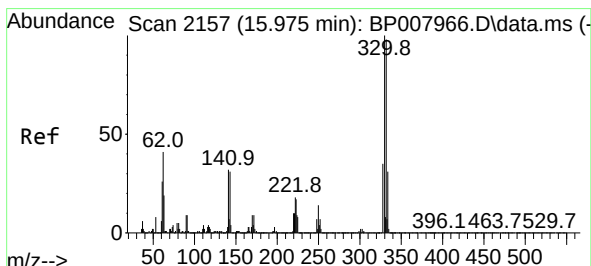
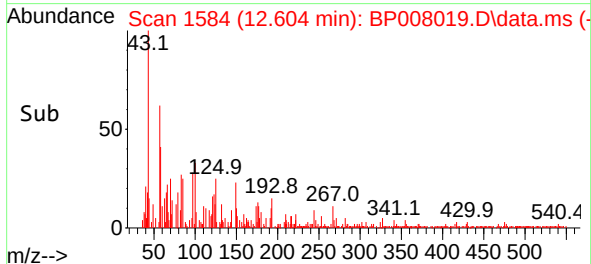
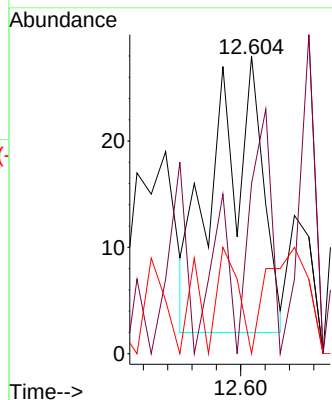
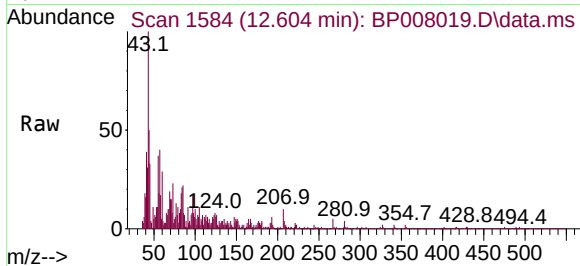




#41
Hexachlorocyclopentadiene
Concen: 3.079 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.053 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

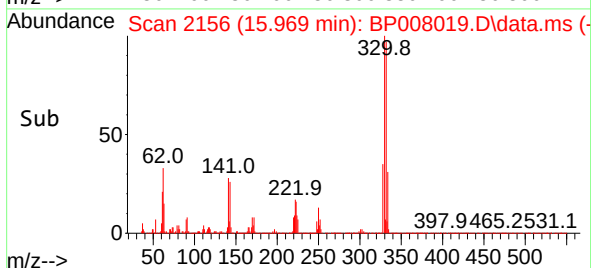
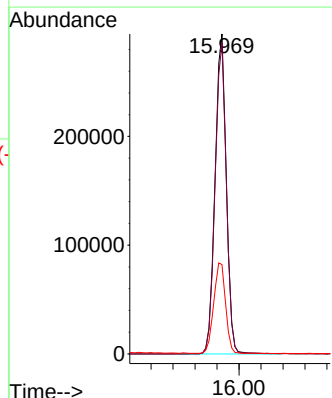
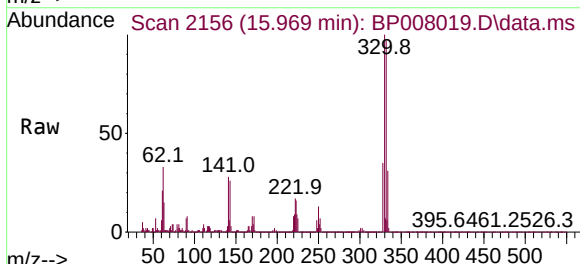
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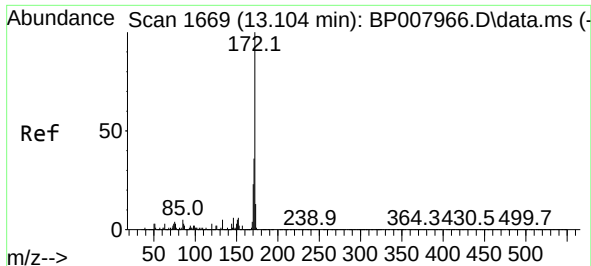
Tgt Ion:237	Resp:	34
Ion Ratio	Lower	Upper
237	100	
235	57.1	41.2 81.2
272	0.0	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 129.139 ng
RT: 15.969 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:330	Resp:	419606
Ion Ratio	Lower	Upper
330	100	
332	97.0	78.9 118.3
141	29.6	30.7 46.1#

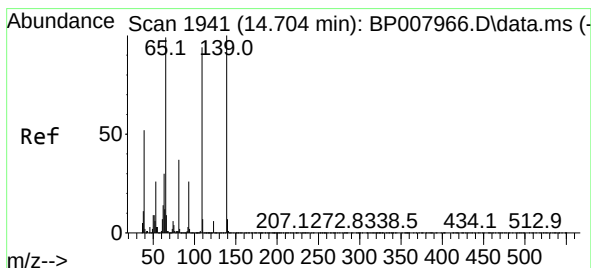
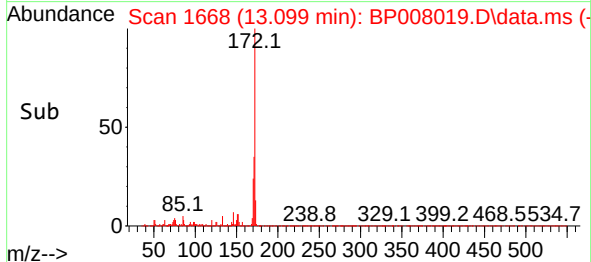
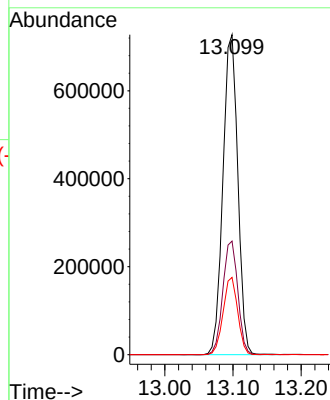
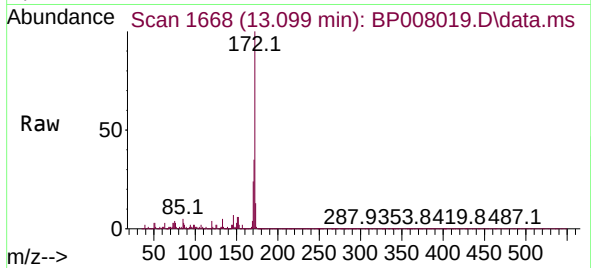




#45
2-Fluorobiphenyl
Concen: 75.005 ng
RT: 13.099 min Scan# 1668
Delta R.T. -0.005 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

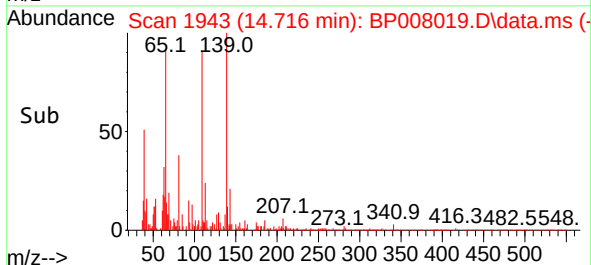
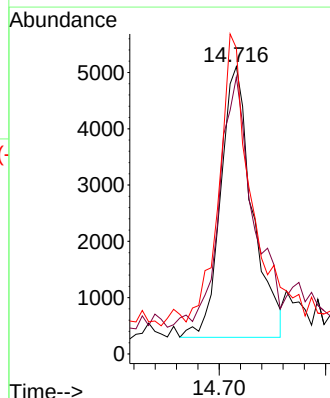
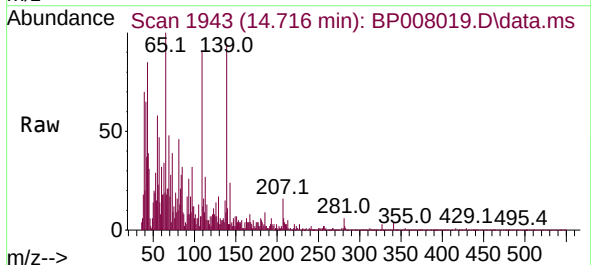
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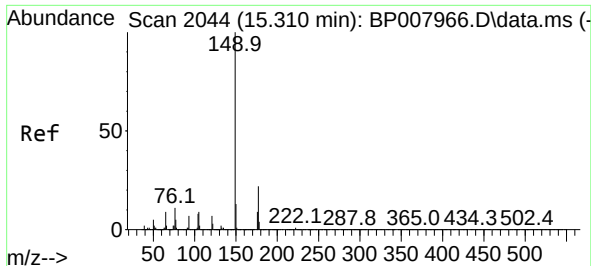
Tgt Ion:172 Resp: 1104258
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.2 19.0 28.4



#56
4-Nitrophenol
Concen: 3.516 ng
RT: 14.716 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:139 Resp: 9916
Ion Ratio Lower Upper
139 100
109 96.4 60.9 100.9
65 106.5 76.5 116.5

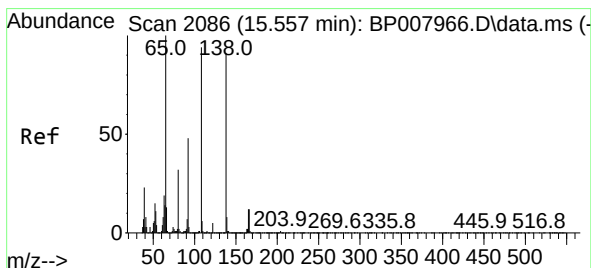
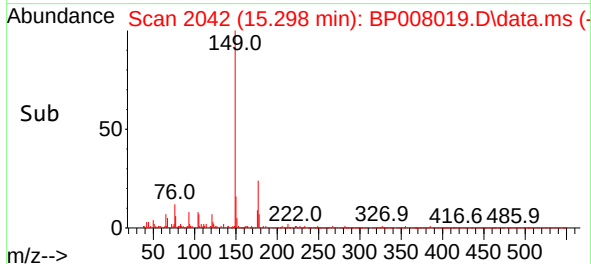
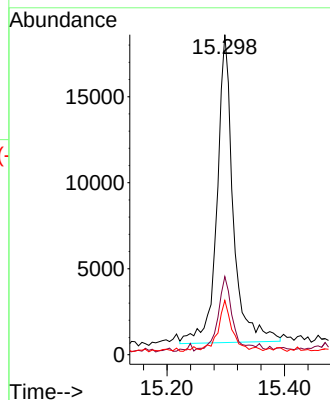
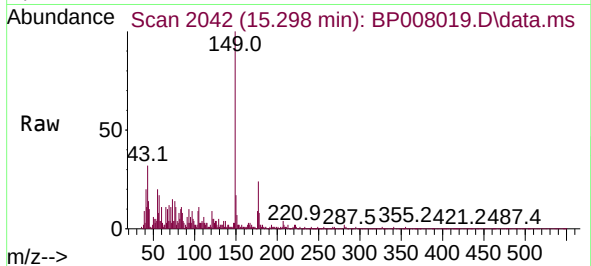




#60
Diethylphthalate
Concen: 2.177 ng
RT: 15.298 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

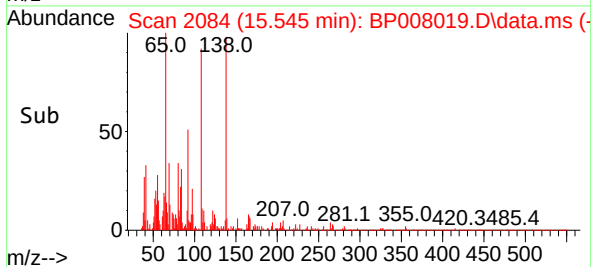
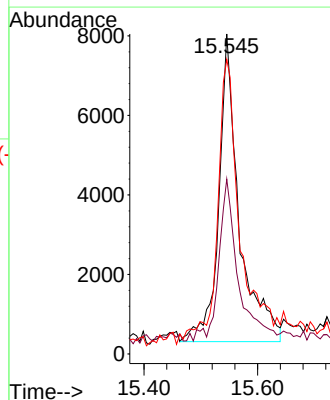
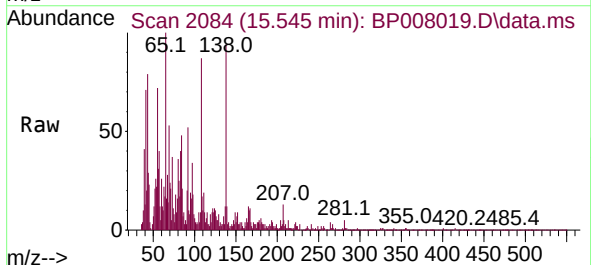
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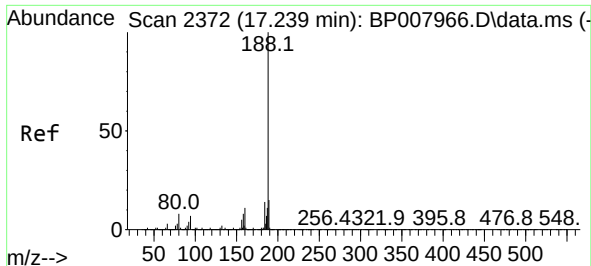
Tgt Ion:149 Resp: 34287
Ion Ratio Lower Upper
149 100
177 24.4 17.8 26.8
150 16.9 10.2 15.2#



#62
4-Nitroaniline
Concen: 5.466 ng
RT: 15.545 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:138 Resp: 19442
Ion Ratio Lower Upper
138 100
92 54.7 30.7 70.7
108 92.1 71.2 111.2

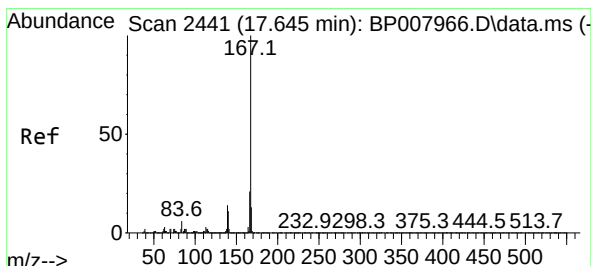
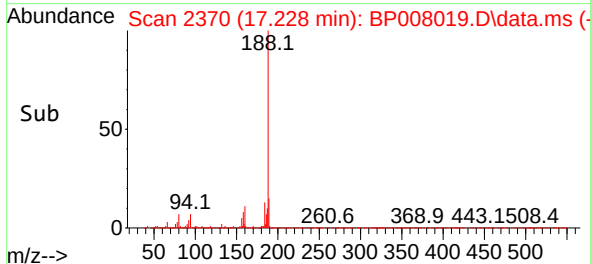
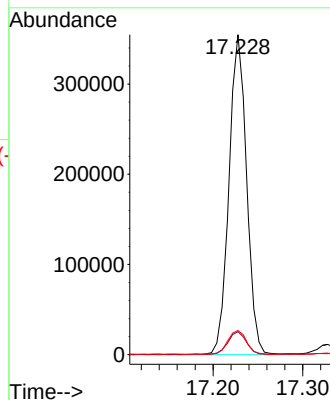
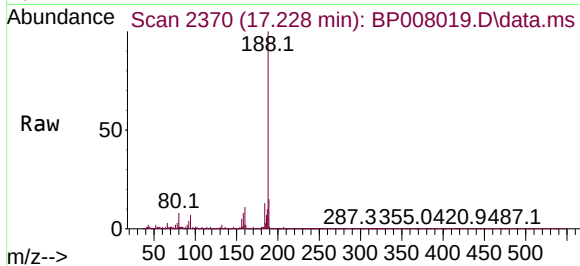




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

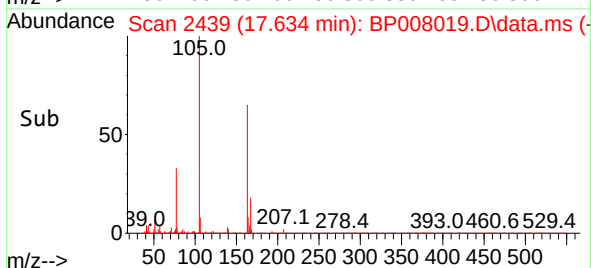
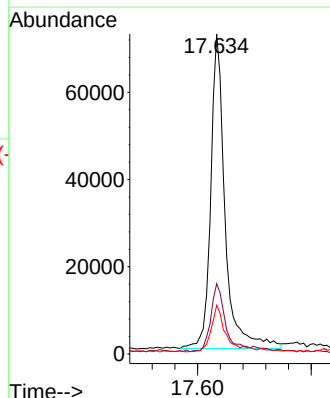
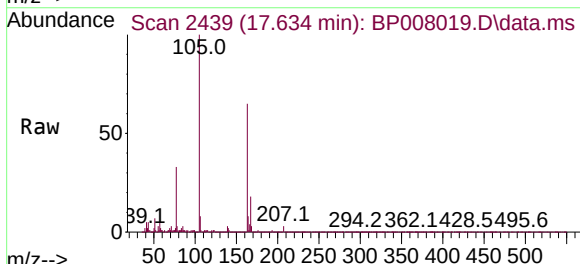
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

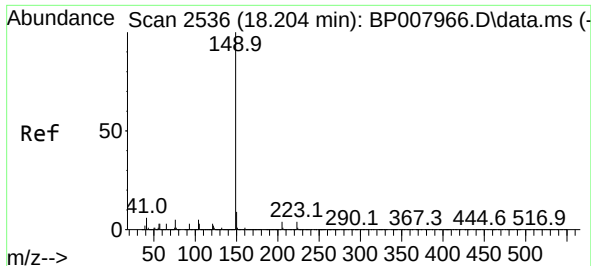
Tgt Ion:188 Resp: 483787
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.5 7.8 11.6#



#73
Carbazole
Concen: 5.075 ng
RT: 17.634 min Scan# 2439
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:167 Resp: 126266
Ion Ratio Lower Upper
167 100
166 22.0 17.3 25.9
139 15.2 10.4 15.6

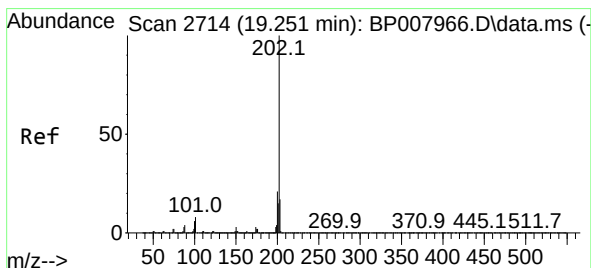
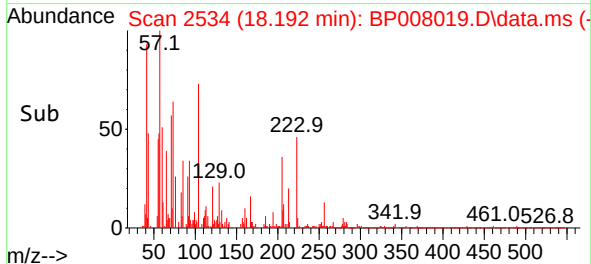
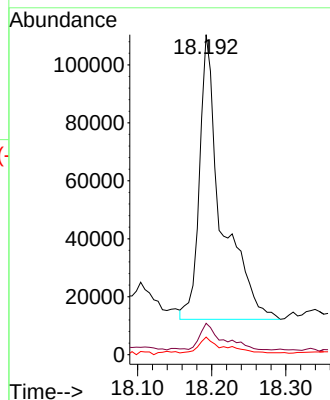
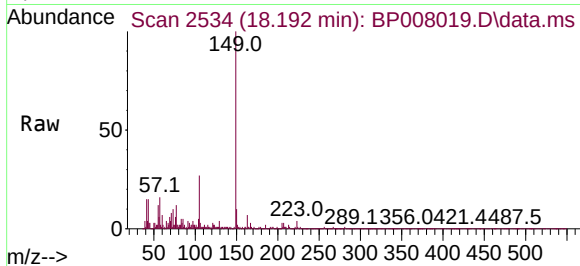




#74
Di-n-butylphthalate
Concen: 7.207 ng
RT: 18.192 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

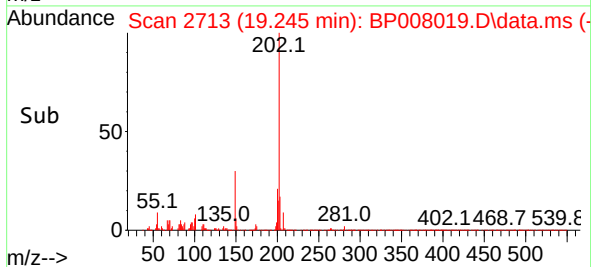
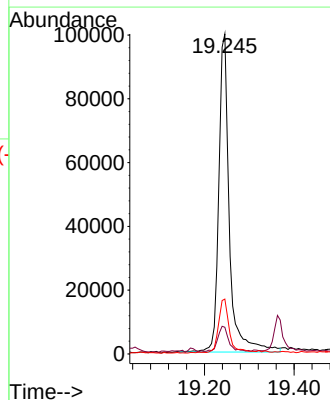
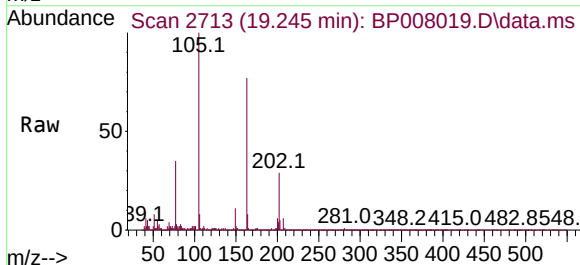
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

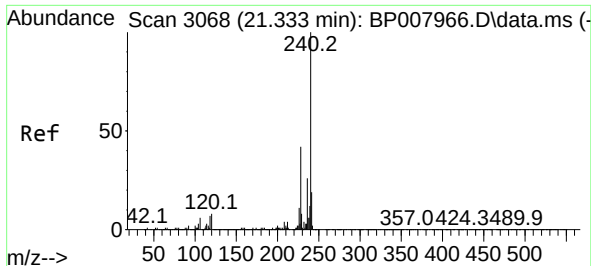
Tgt Ion:149 Resp: 202955
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 5.5 4.2 6.4



#75
Fluoranthene
Concen: 5.014 ng
RT: 19.245 min Scan# 2713
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:202 Resp: 163628
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.4
203 17.2 0.0 37.6

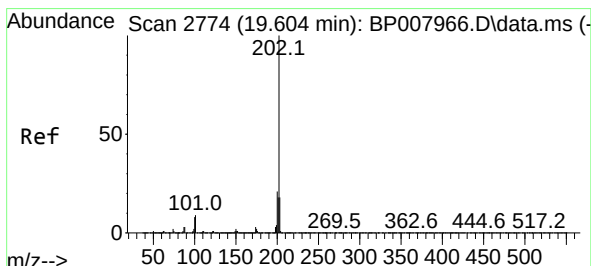
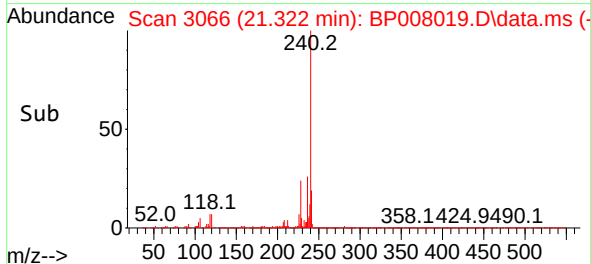
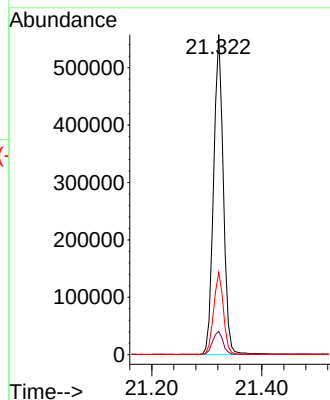
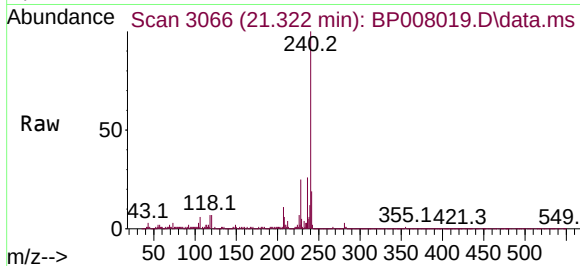




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

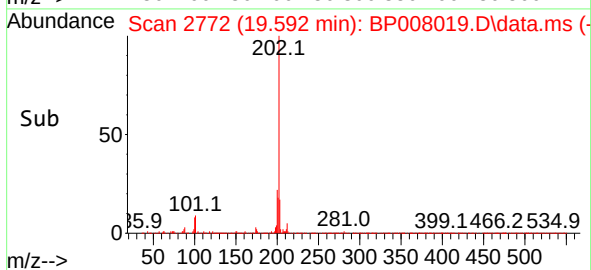
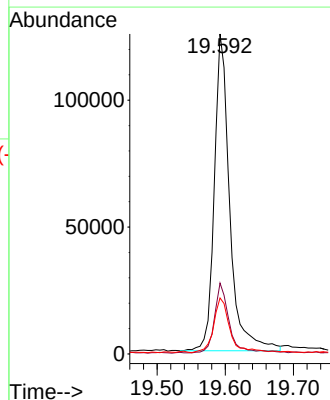
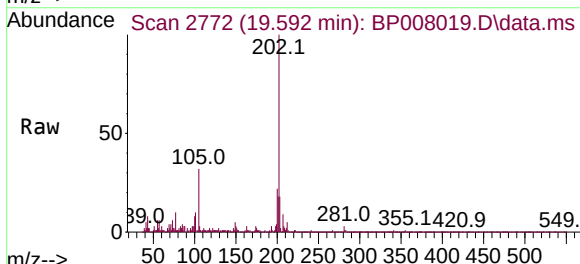
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

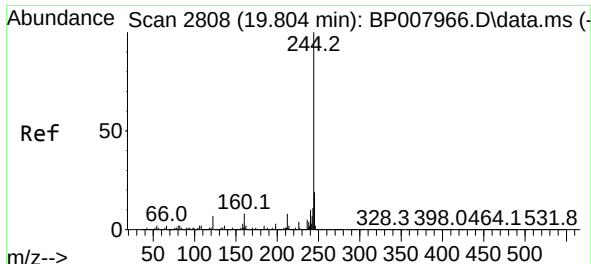
Tgt Ion:240 Resp: 686757
Ion Ratio Lower Upper
240 100
120 7.3 7.8 11.8#
236 25.7 20.6 30.8



#78
Pyrene
Concen: 4.800 ng
RT: 19.592 min Scan# 2772
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:202 Resp: 197145
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 17.5 13.8 20.6

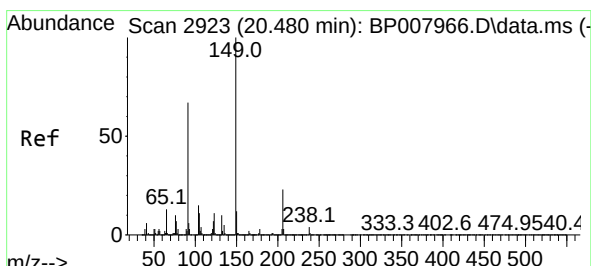
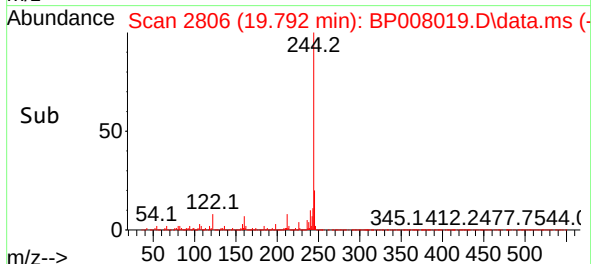
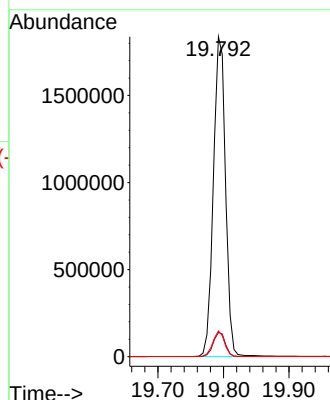
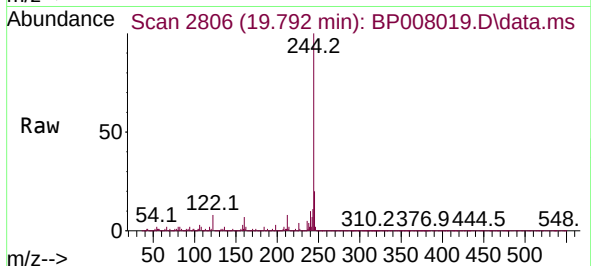




#79
 Terphenyl-d14
 Concen: 69.741 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008019.D
 Acq: 18 Nov 2021 16:44

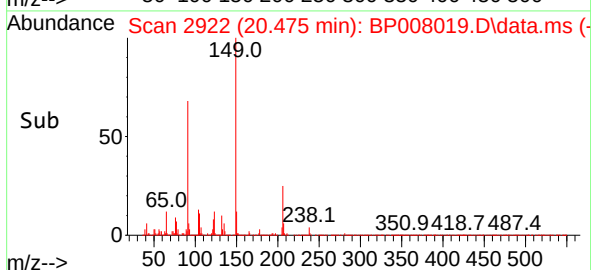
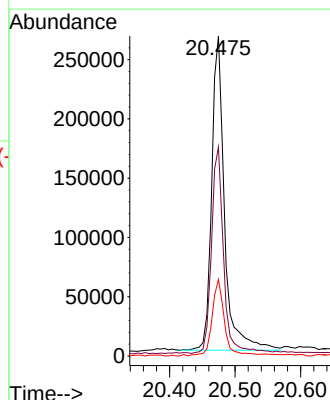
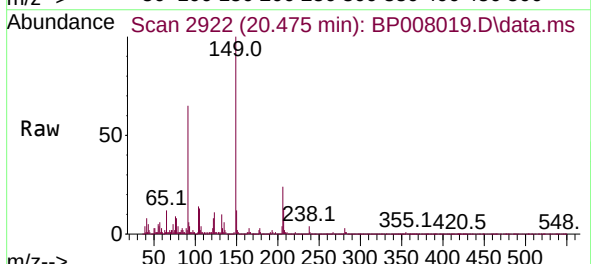
Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP

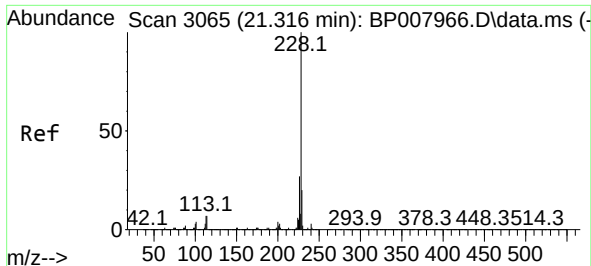
Tgt Ion:244 Resp: 2362033
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.1 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 21.275 ng
 RT: 20.475 min Scan# 2922
 Delta R.T. -0.006 min
 Lab File: BP008019.D
 Acq: 18 Nov 2021 16:44

Tgt Ion:149 Resp: 360772
 Ion Ratio Lower Upper
 149 100
 91 65.3 56.6 85.0
 206 23.9 17.4 26.2

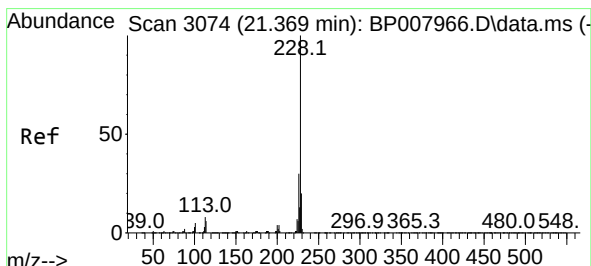
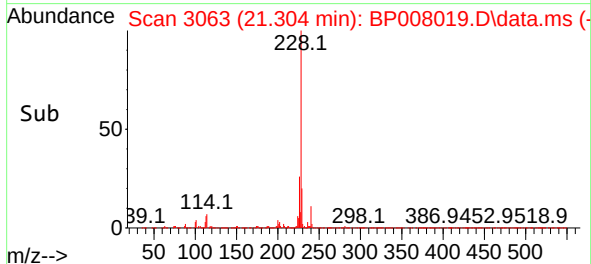
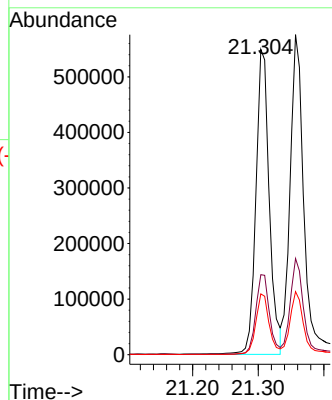
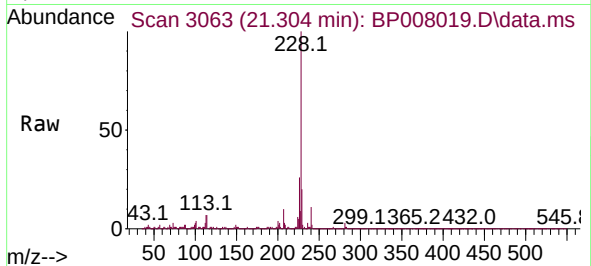




#81
Benzo(a)anthracene
Concen: 17.157 ng
RT: 21.304 min Scan# 3065
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

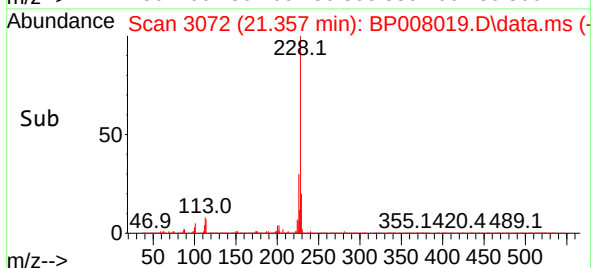
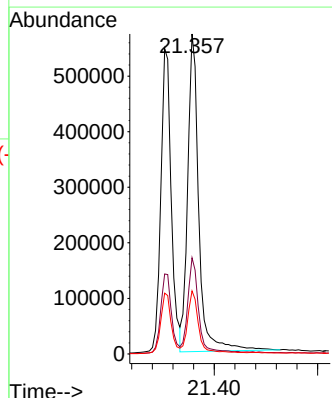
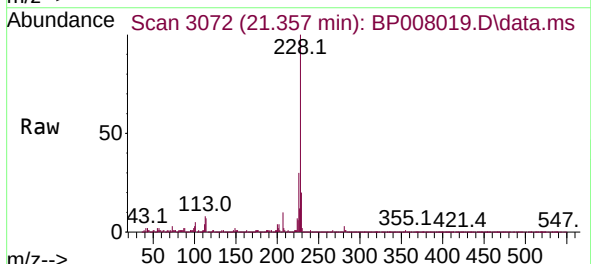
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

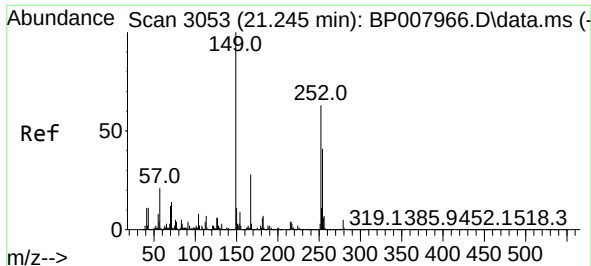
Tgt Ion:228 Resp: 775692
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.6
229 19.9 15.7 23.5



#83
Chrysene
Concen: 19.658 ng
RT: 21.357 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:228 Resp: 851877
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.7 15.7 23.5

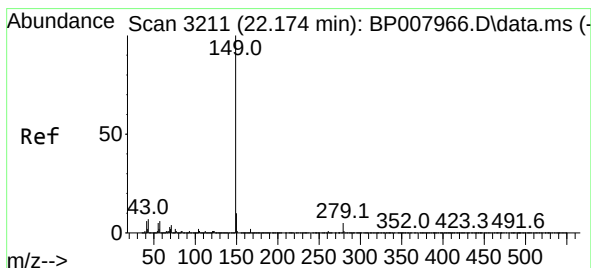
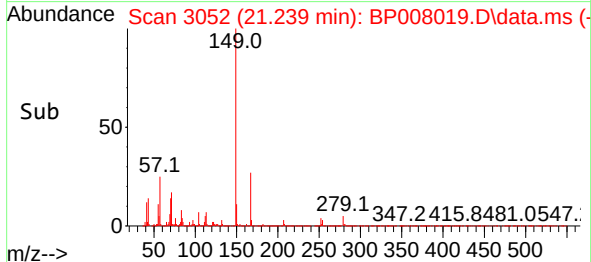
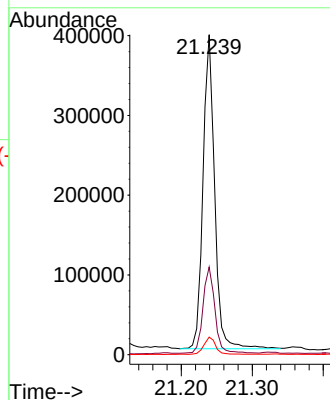
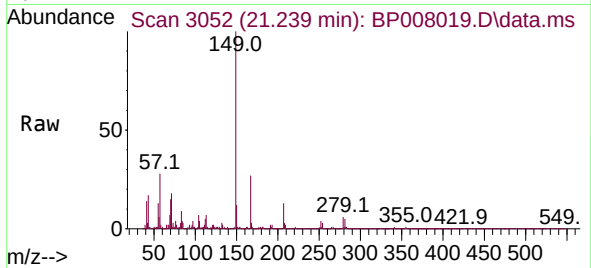




#84
Bis(2-ethylhexyl)phthalate
Concen: 18.602 ng
RT: 21.239 min Scan# 3053
Delta R.T. -0.006 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

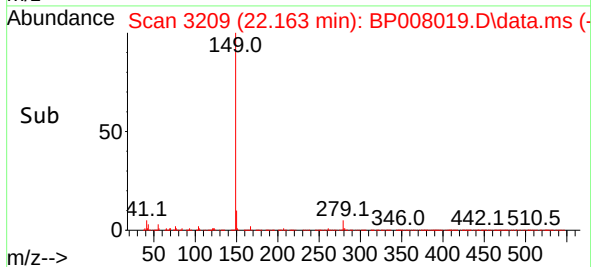
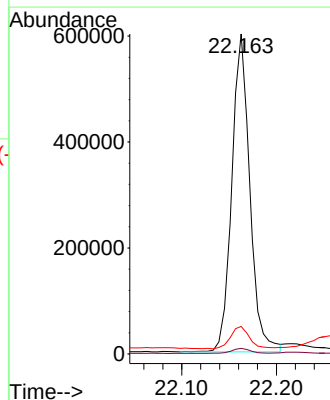
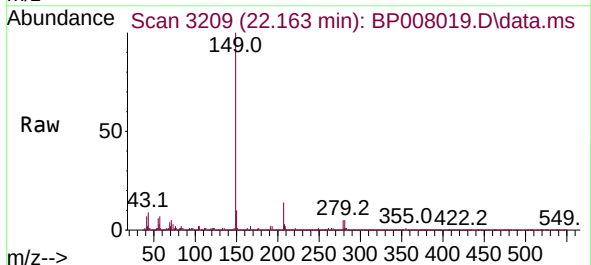
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

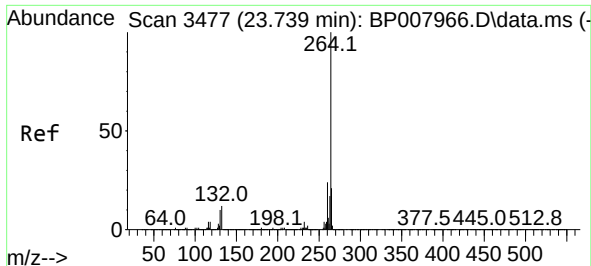
Tgt Ion:149 Resp: 450368
Ion Ratio Lower Upper
149 100
167 27.4 21.6 32.4
279 5.5 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 17.806 ng
RT: 22.163 min Scan# 3209
Delta R.T. -0.012 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:149 Resp: 794472
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 7.4 7.3 10.9

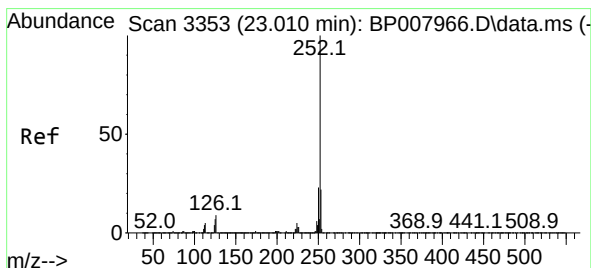
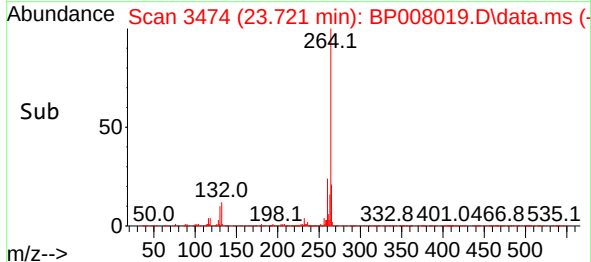
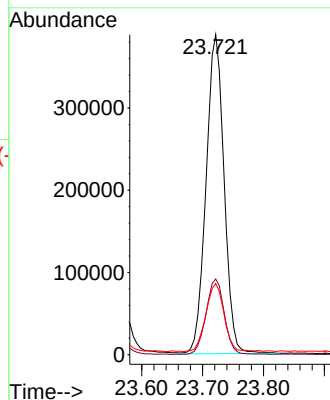
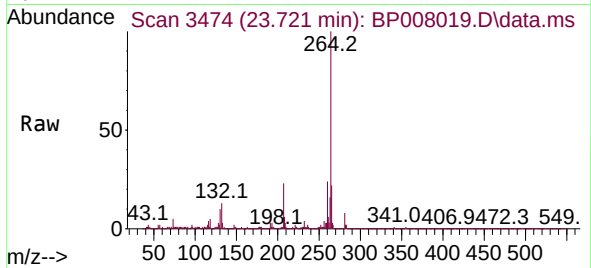




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 34
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

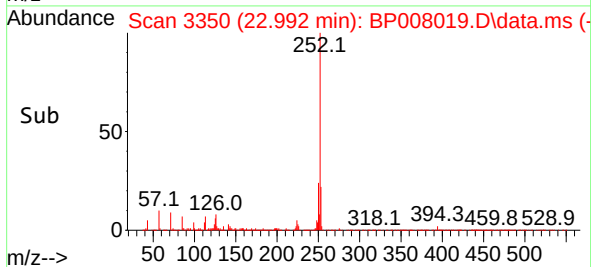
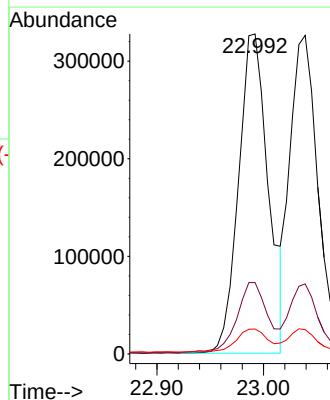
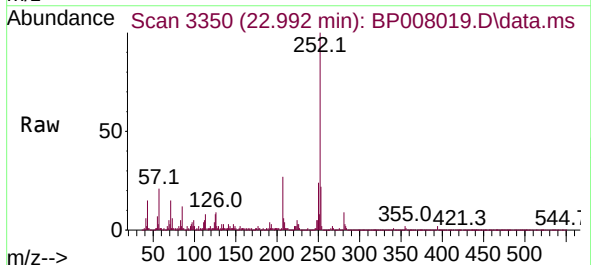
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

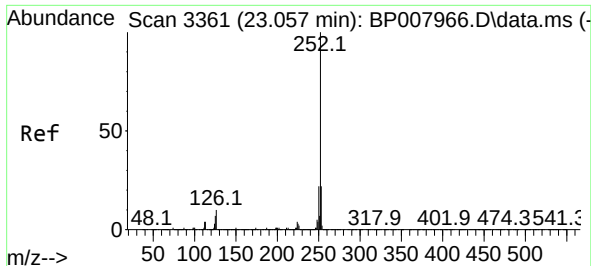
Tgt Ion:264 Resp: 797387
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 22.3 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 13.399 ng
RT: 22.992 min Scan# 3350
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:252 Resp: 635974
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 7.8 7.4 11.0

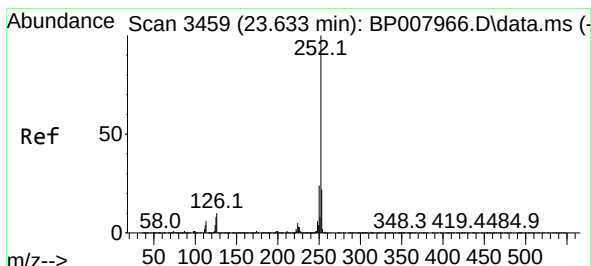
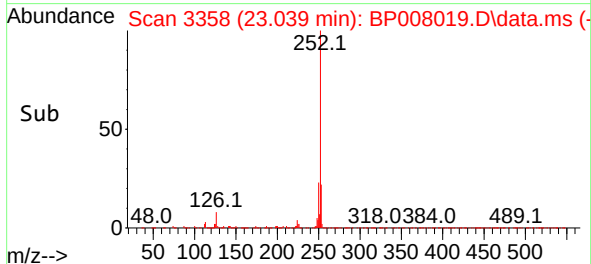
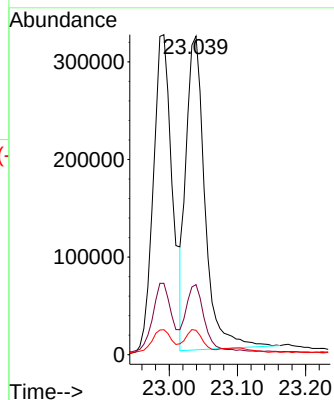
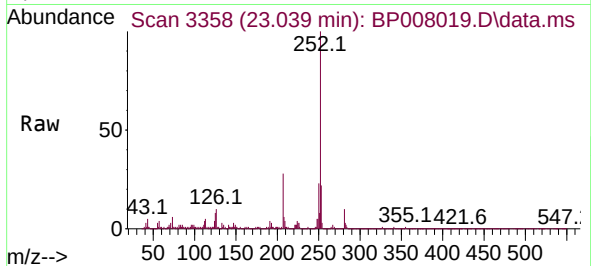




#89
Benzo(k)fluoranthene
Concen: 12.928 ng
RT: 23.039 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

Tgt Ion:252 Resp: 612994
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 8.196 ng
RT: 23.616 min Scan# 3456
Delta R.T. -0.017 min
Lab File: BP008019.D
Acq: 18 Nov 2021 16:44

Tgt Ion:252 Resp: 332719
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 8.8 8.4 12.6

