

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007124.D
 Acq On : 23 Sep 2021 13:59
 Operator : CG/JU
 Sample : M3798-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NAPL-06-(8-10)-END-POINT

Quant Time: Sep 23 14:26:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

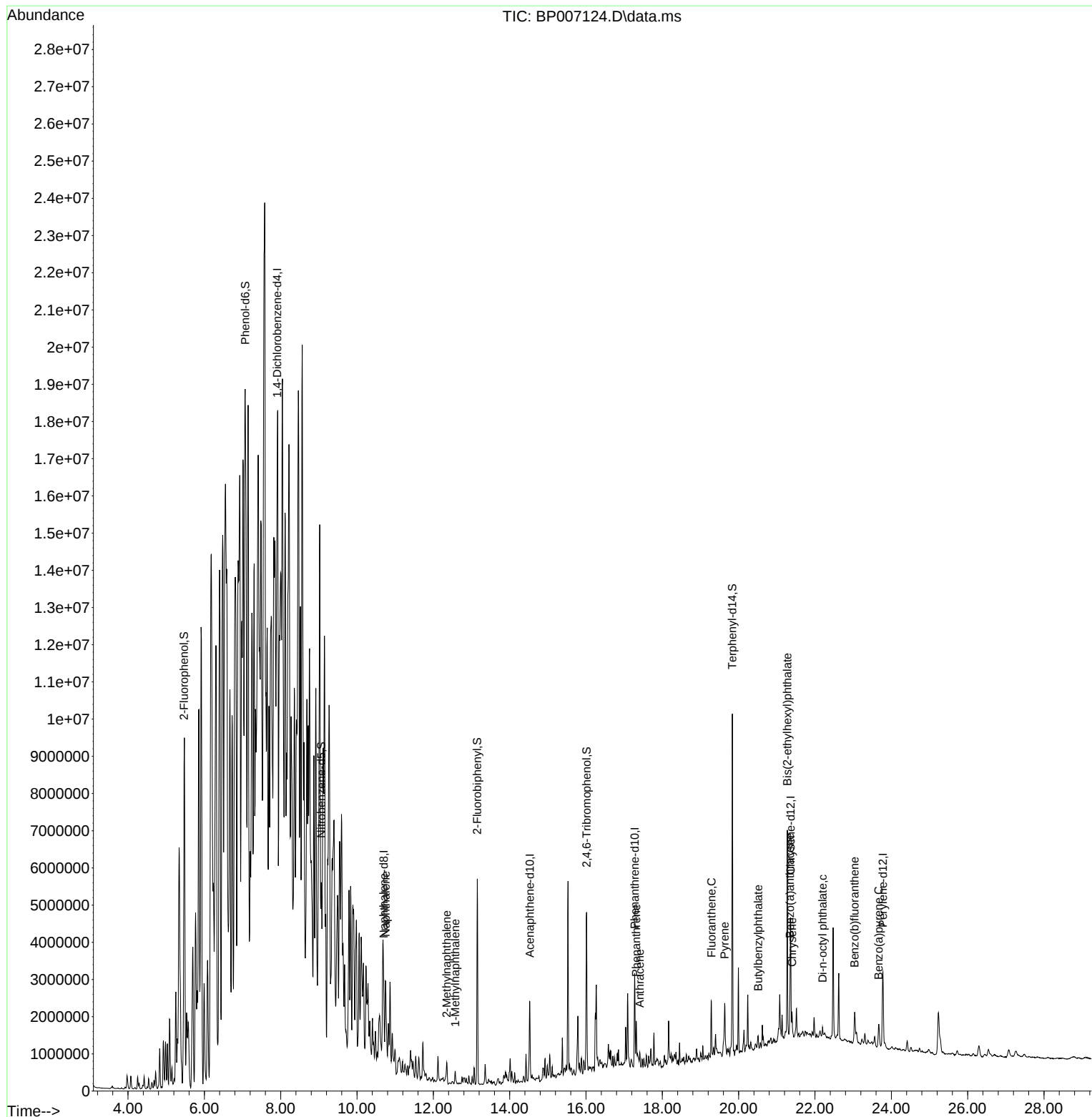
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	207081	20.000	ng	0.02
21) Naphthalene-d8	10.699	136	1170980	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	745528	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1457754	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1449181	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1566785	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1638693	132.464	ng	0.00
7) Phenol-d6	7.069	99	1112760	65.813	ng	0.00
23) Nitrobenzene-d5	9.063	82	1253251	62.328	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	887990	91.873	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	2941713	56.529	ng	0.00
79) Terphenyl-d14	19.833	244	4096169	54.164	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.752	128	1332779	22.301	ng	98
37) 2-Methylnaphthalene	12.351	142	253240	6.052	ng	96
38) 1-Methylnaphthalene	12.575	142	147564	3.609	ng	99
71) Phenanthrene	17.316	178	709253	9.074	ng	98
72) Anthracene	17.410	178	189649	2.480	ng	98
75) Fluoranthene	19.286	202	884623	9.823	ng	97
78) Pyrene	19.633	202	719679	7.569	ng	98
80) Butylbenzylphthalate	20.510	149	87962	2.310	ng	95
81) Benzo(a)anthracene	21.345	228	434250	4.616	ng	98
83) Chrysene	21.398	228	355639	3.956	ng	96
84) Bis(2-ethylhexyl)phtha...	21.275	149	2239040	40.901	ng	98
85) Di-n-octyl phthalate	22.198	149	249622	2.678	ng	# 95
88) Benzo(b)fluoranthene	23.039	252	484532	5.175	ng	# 90
90) Benzo(a)pyrene	23.668	252	336619	4.232	ng	# 93

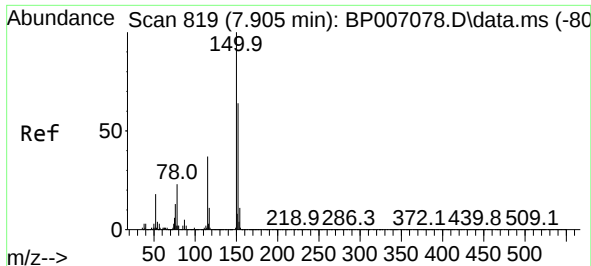
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007124.D
Acq On : 23 Sep 2021 13:59
Operator : CG/JU
Sample : M3798-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

Quant Time: Sep 23 14:26:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

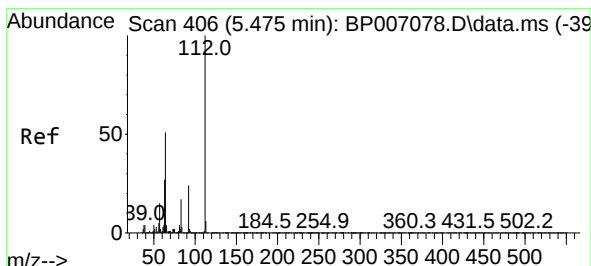
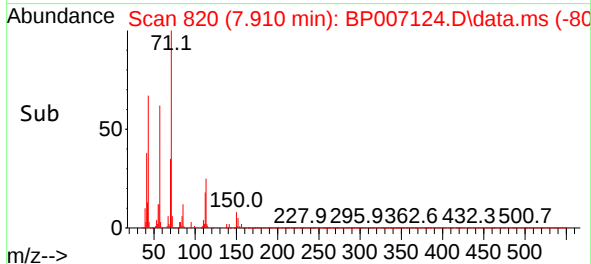
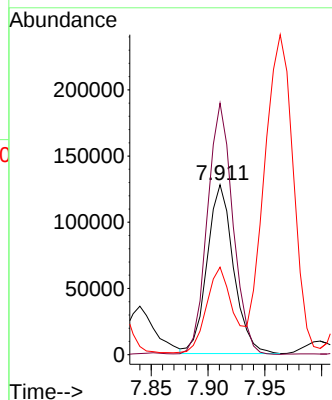
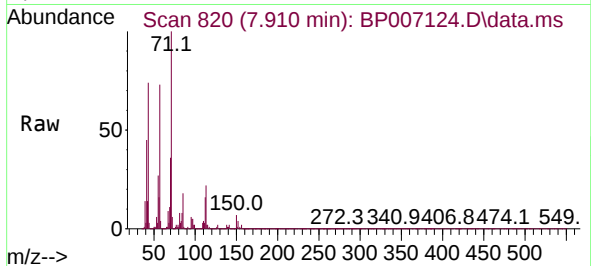




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. 0.018 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

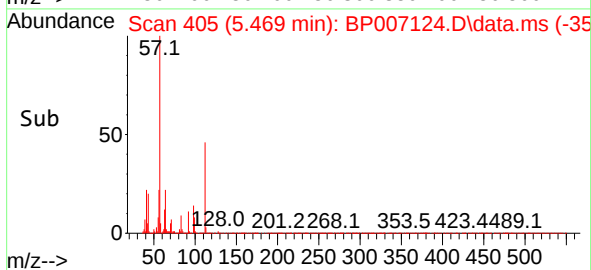
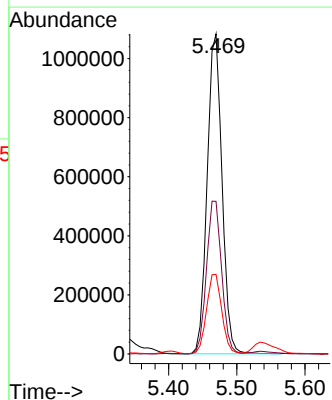
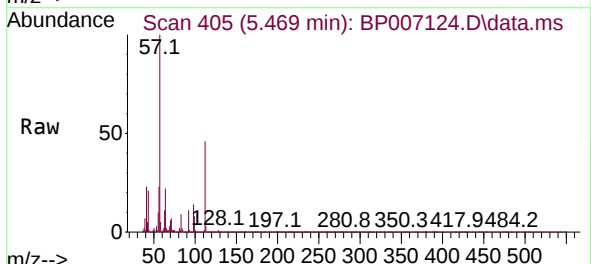
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

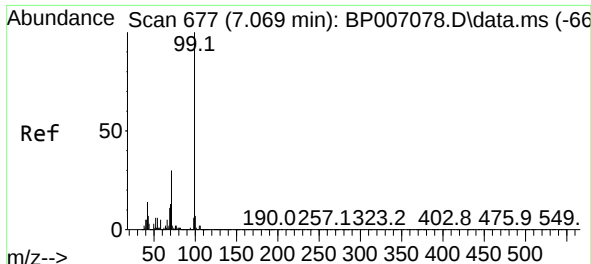
Tgt Ion:152 Resp: 207081
Ion Ratio Lower Upper
152 100
150 148.0 125.6 188.4
115 51.5 48.5 72.7



#5
2-Fluorophenol
Concen: 132.464 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:112 Resp: 1638693
Ion Ratio Lower Upper
112 100
64 47.7 41.4 62.2
63 24.8 23.8 35.8

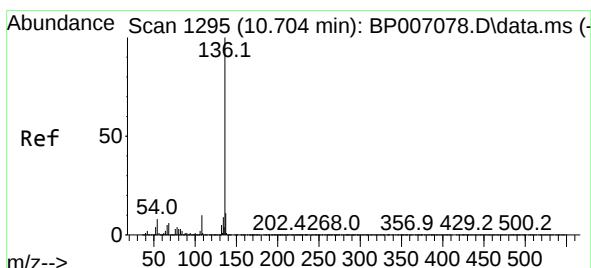
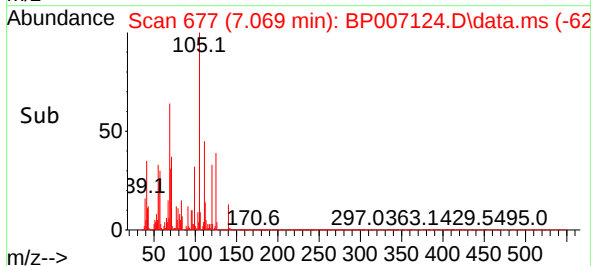
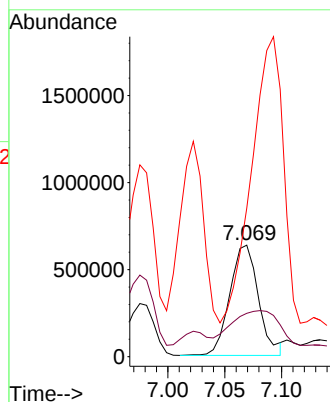
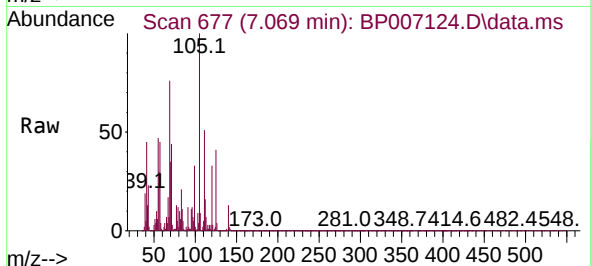




#7
Phenol-d6
Concen: 65.813 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

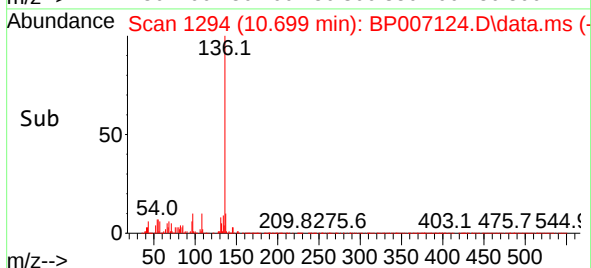
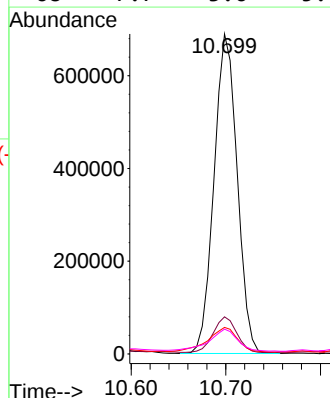
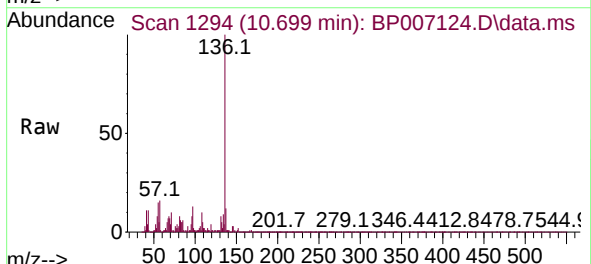
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

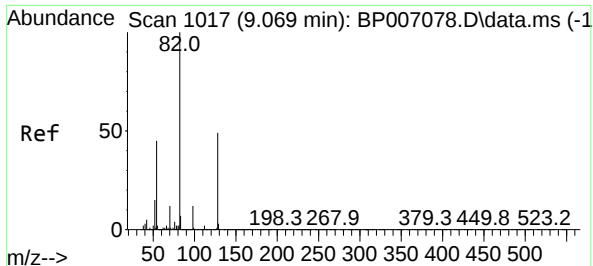
Tgt Ion: 99 Resp: 1112760
Ion Ratio Lower Upper
99 100
42 38.8 13.4 20.0#
71 133.1 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:136 Resp: 1170980
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 8.3 4.6 6.8#
68 7.7 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 62.328 ng

RT: 9.063 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BP007124.D

Acq: 23 Sep 2021 13:59

Tgt Ion: 82 Resp: 1253251

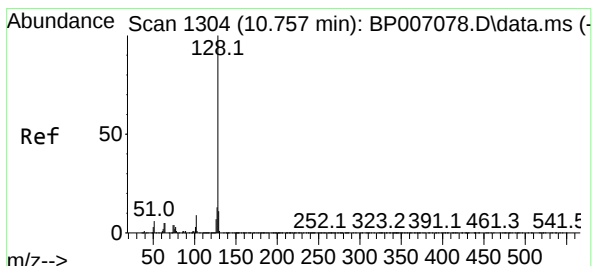
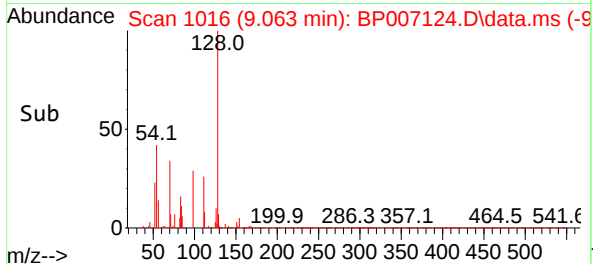
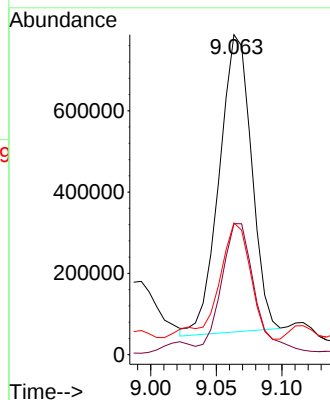
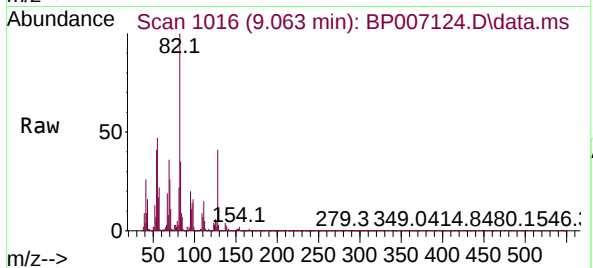
Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.7	53.5
54	41.2	35.0	52.4

Instrument :

BNA_P

ClientSampleId :

NAPL-06-(8-10)-END-POINT



#31

Naphthalene

Concen: 22.301 ng

RT: 10.752 min Scan# 1303

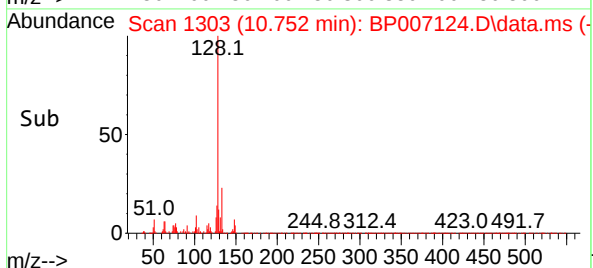
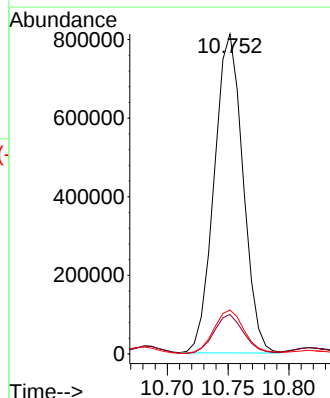
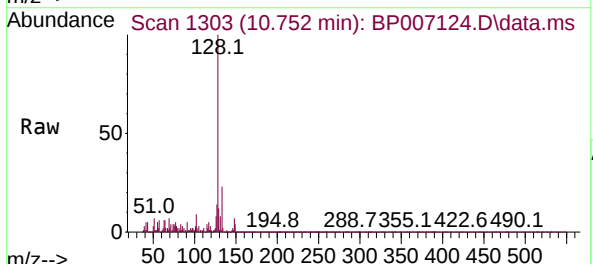
Delta R.T. 0.006 min

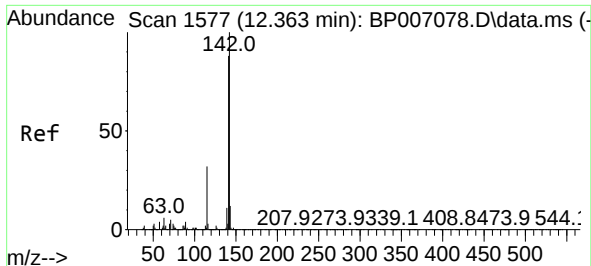
Lab File: BP007124.D

Acq: 23 Sep 2021 13:59

Tgt Ion: 128 Resp: 1332779

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	13.8	10.7	16.1

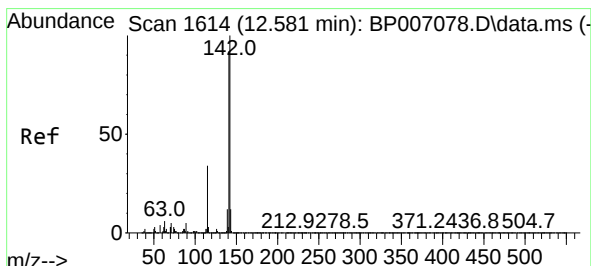
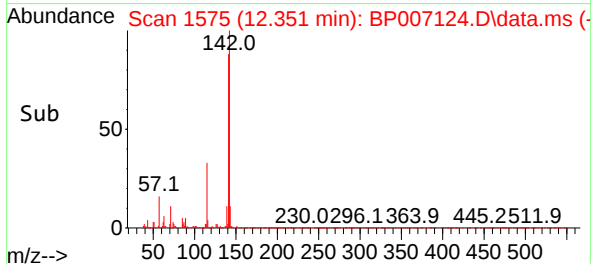
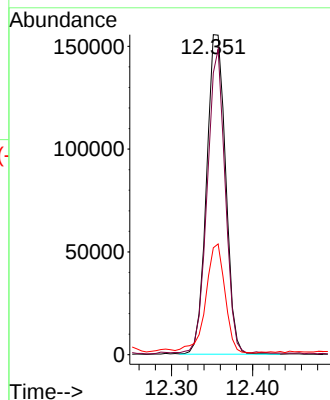
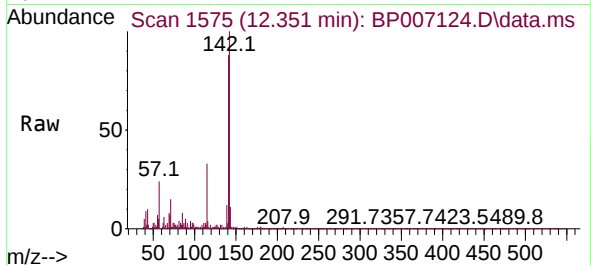




#37
2-Methylnaphthalene
Concen: 6.052 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

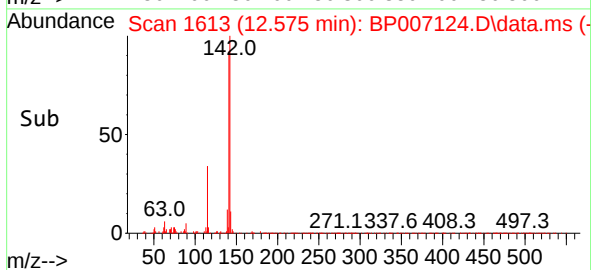
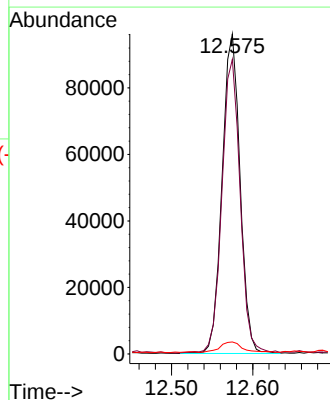
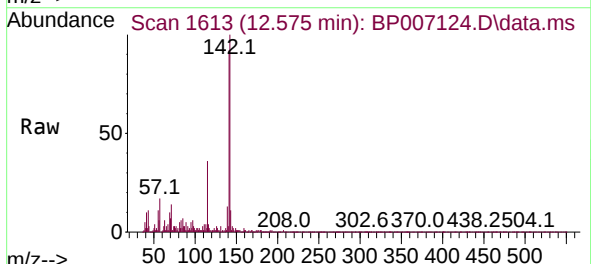
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

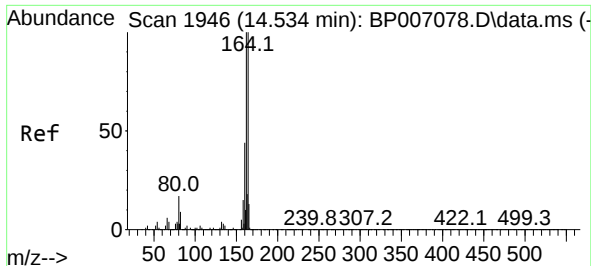
Tgt Ion:142 Resp: 253240
Ion Ratio Lower Upper
142 100
141 88.1 71.8 107.6
115 33.4 31.6 47.4



#38
1-Methylnaphthalene
Concen: 3.609 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:142 Resp: 147564
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 3.7 3.5 5.3

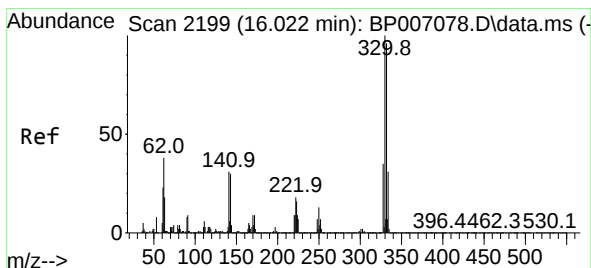
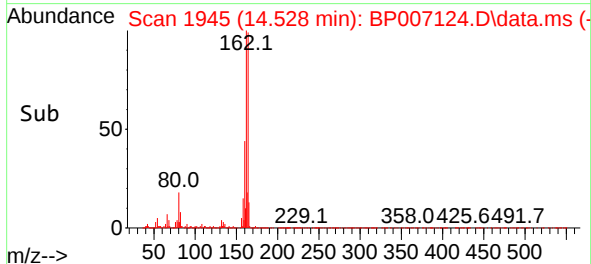
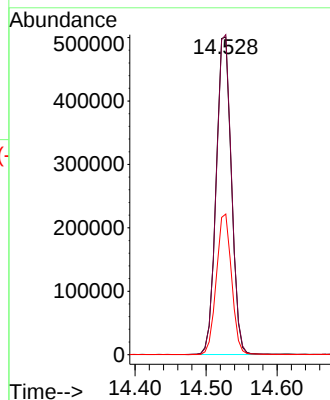
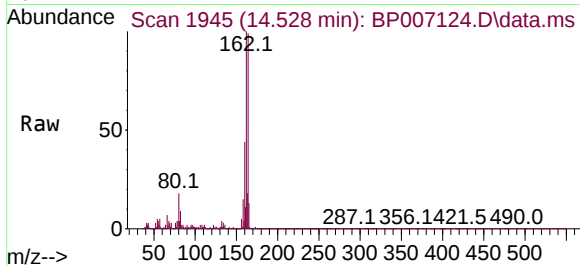




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

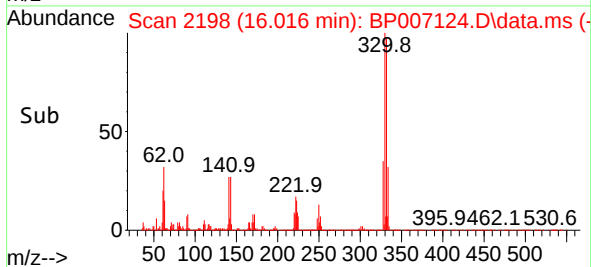
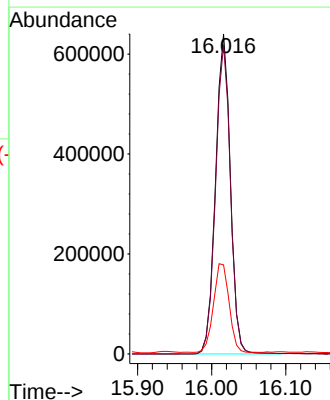
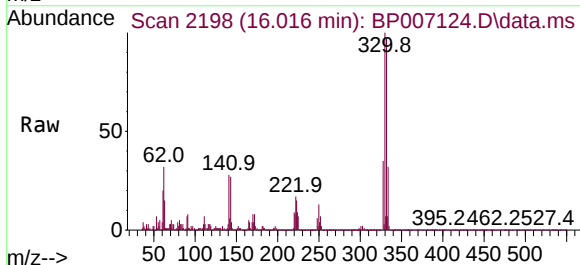
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

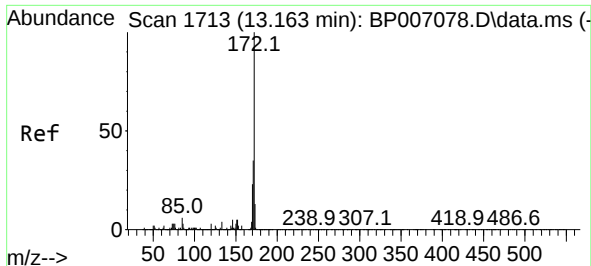
Tgt Ion:164 Resp: 745528
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 44.3 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 91.873 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:330 Resp: 887990
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.2 25.4 38.2

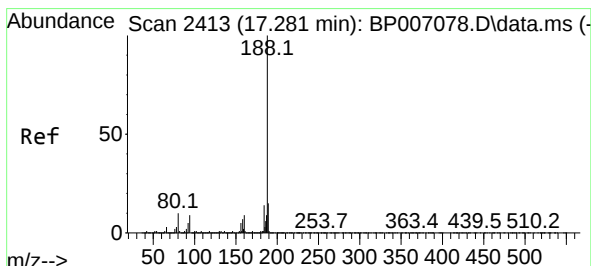
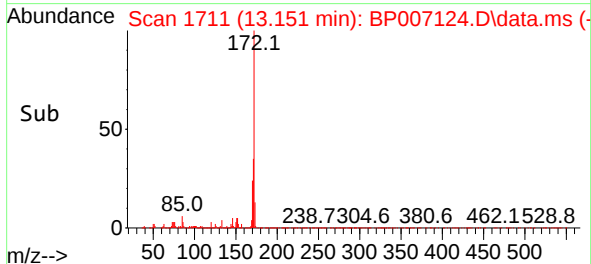
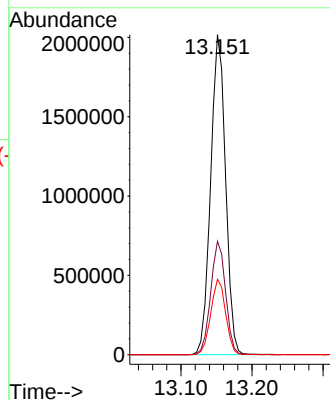
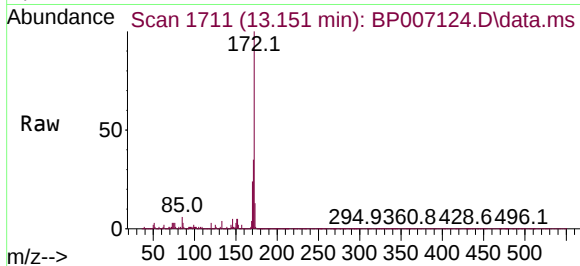




#45
2-Fluorobiphenyl
Concen: 56.529 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

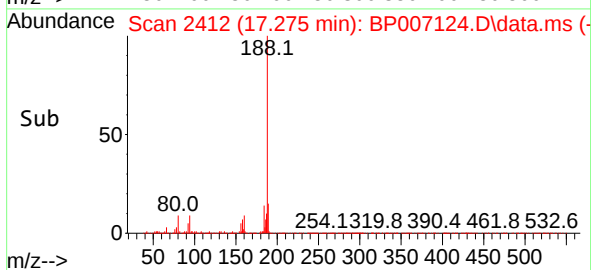
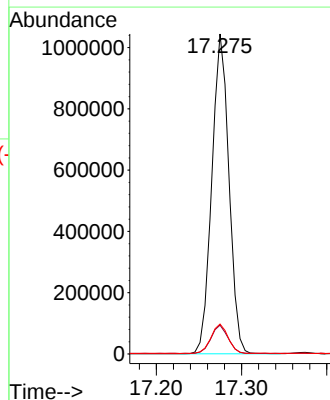
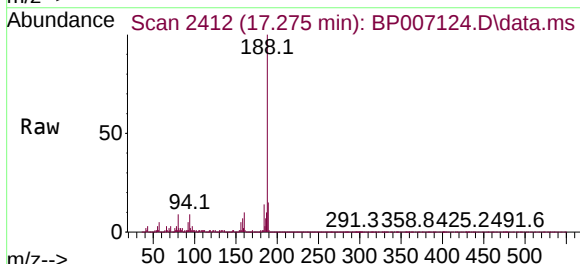
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

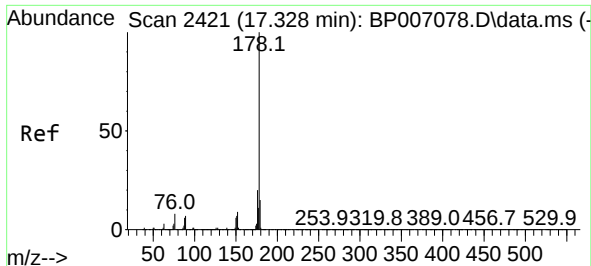
Tgt Ion:172	Resp: 2941713		
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.6	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:188	Resp: 1457754		
Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.6	8.4#
80	9.3	6.3	9.5

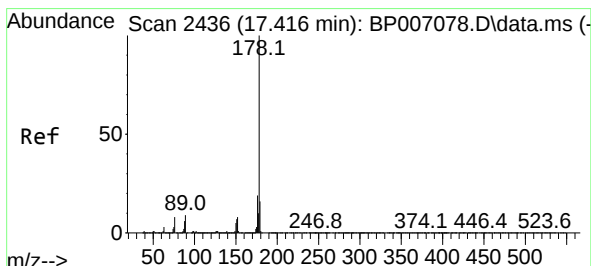
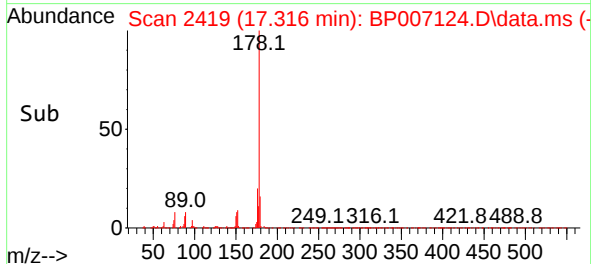
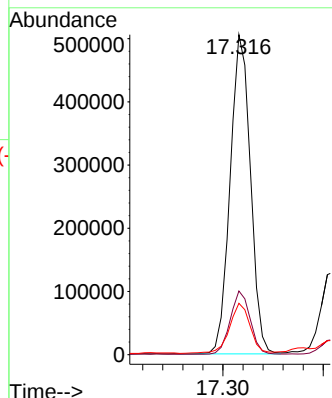
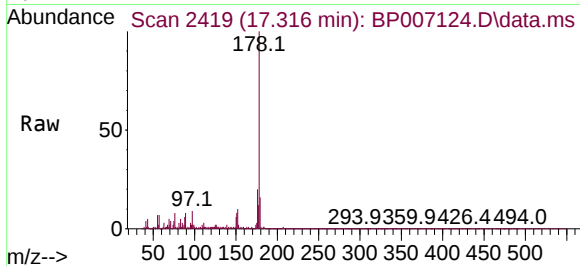




#71
Phenanthrene
Concen: 9.074 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

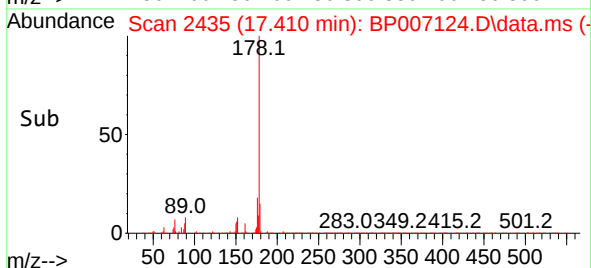
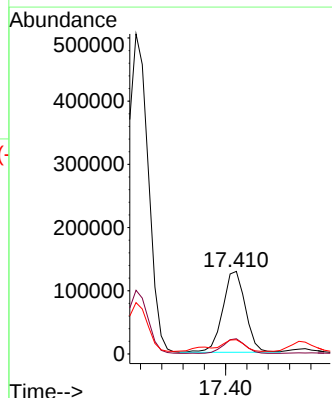
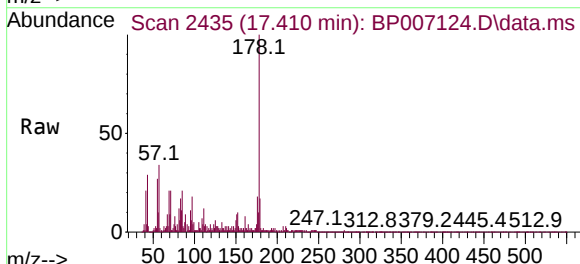
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

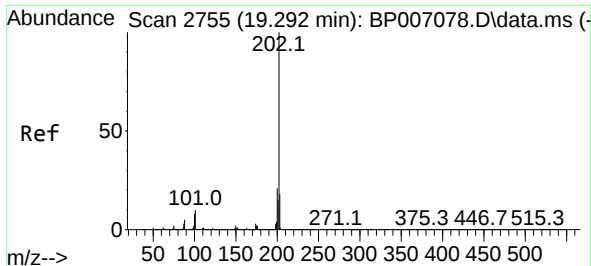
Tgt Ion:178 Resp: 709253
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.0 12.4 18.6



#72
Anthracene
Concen: 2.480 ng
RT: 17.410 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:178 Resp: 189649
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 17.2 12.2 18.2

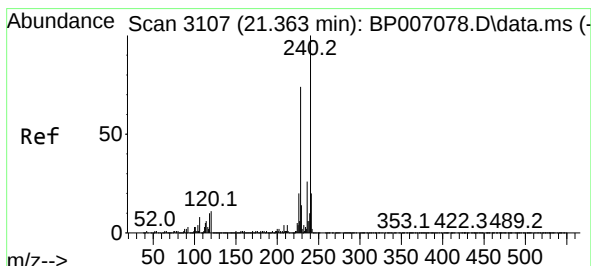
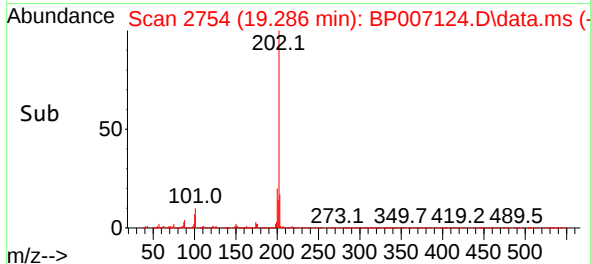
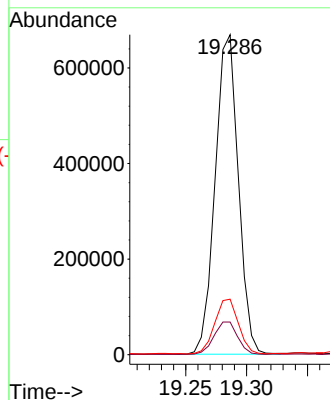
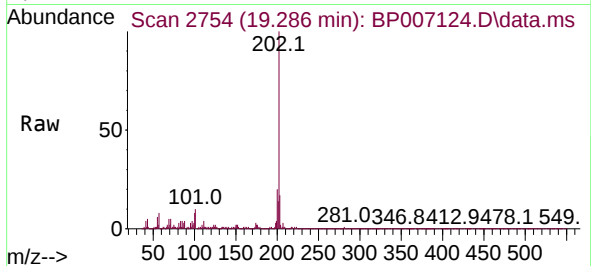




#75
Fluoranthene
Concen: 9.823 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

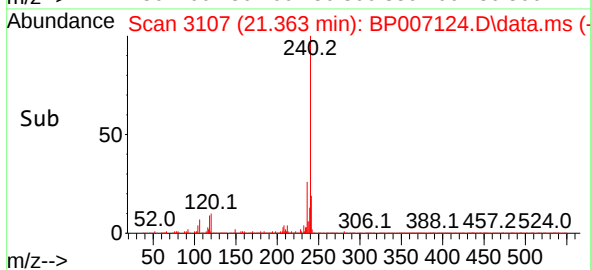
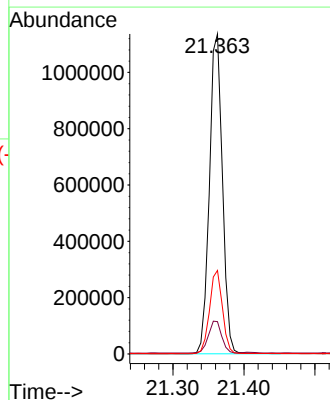
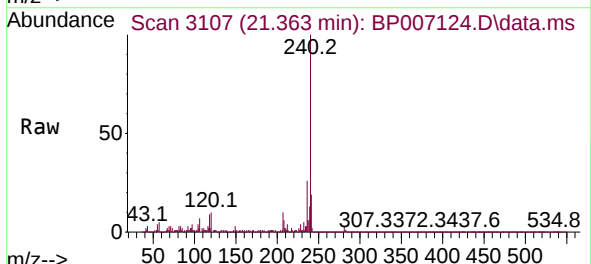
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

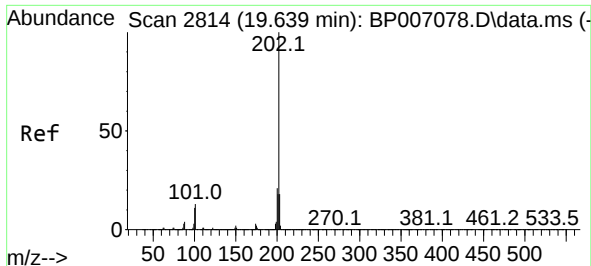
Tgt Ion:202 Resp: 884623
Ion Ratio Lower Upper
202 100
101 10.2 0.0 27.6
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:240 Resp: 1449181
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.1 20.6 31.0

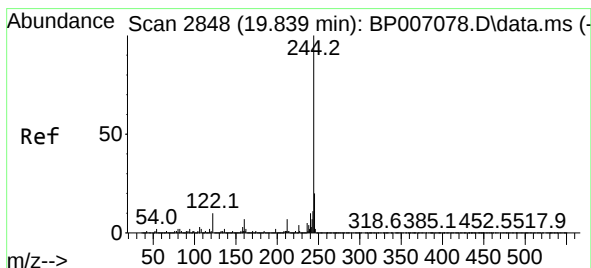
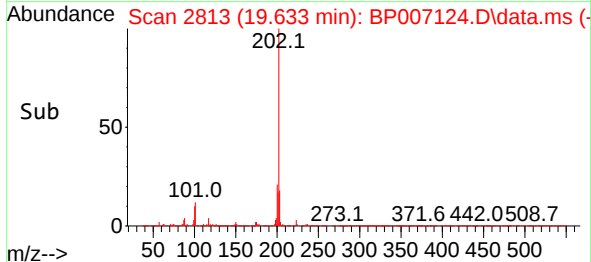
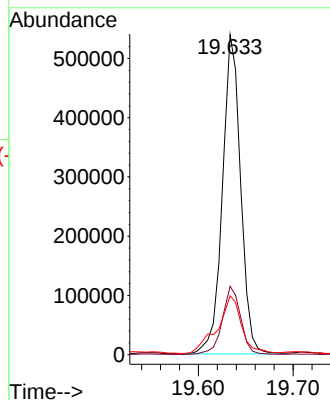
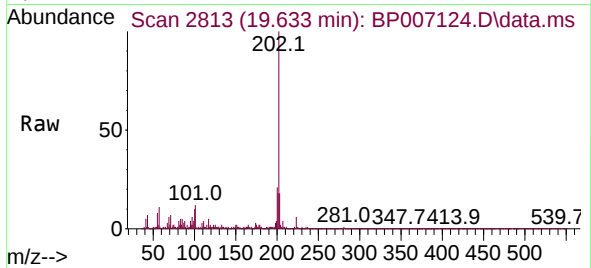




#78
Pyrene
Concen: 7.569 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

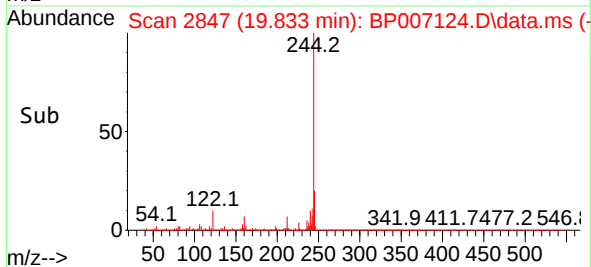
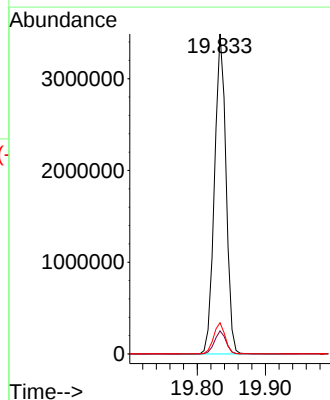
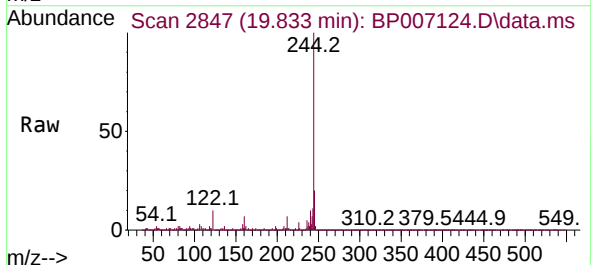
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

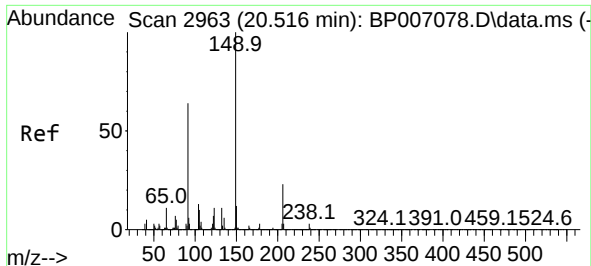
Tgt Ion:202 Resp: 719679
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.4 14.2 21.2



#79
Terphenyl-d14
Concen: 54.164 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:244 Resp: 4096169
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.7 7.1 10.7

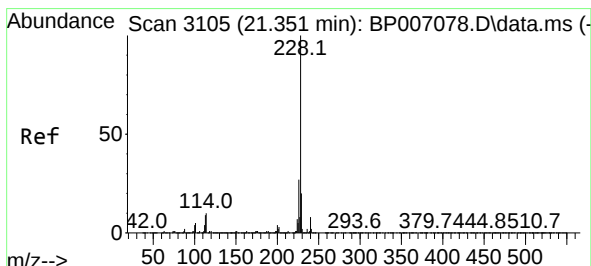
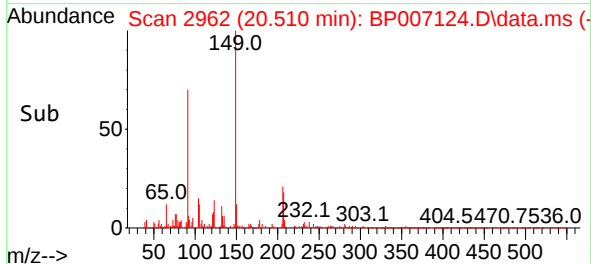
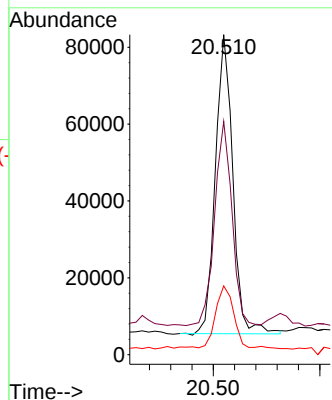
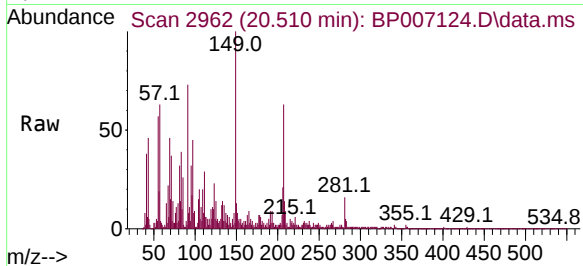




#80
Butylbenzylphthalate
Concen: 2.310 ng
RT: 20.510 min Scan# 2962
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

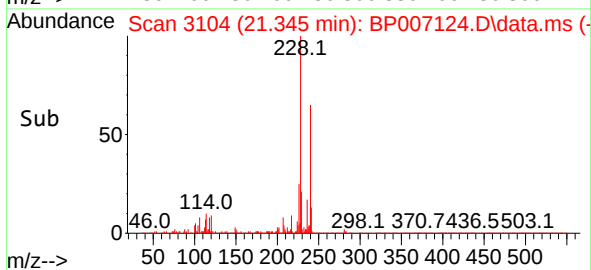
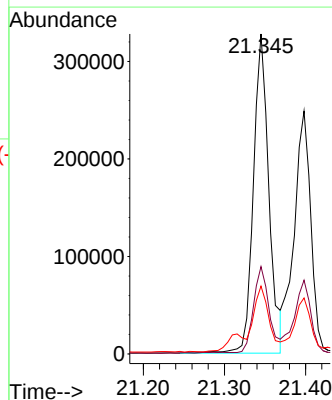
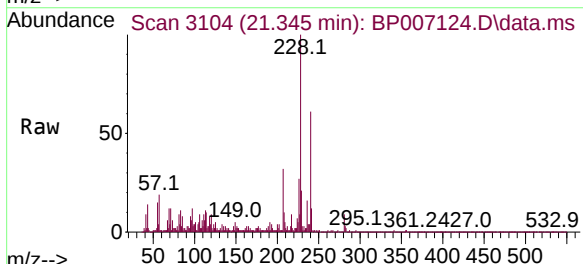
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

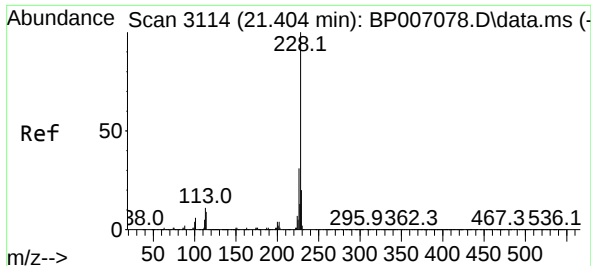
Tgt Ion:149 Resp: 87962
Ion Ratio Lower Upper
149 100
91 72.9 54.6 81.8
206 21.5 16.7 25.1



#81
Benzo(a)anthracene
Concen: 4.616 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:228 Resp: 434250
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 21.2 15.8 23.6

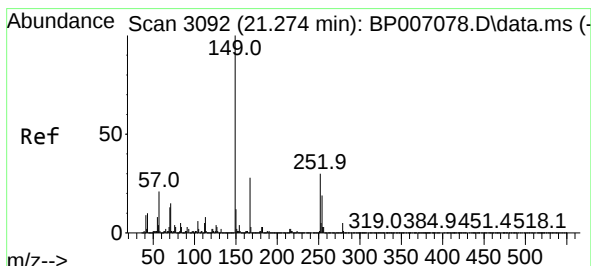
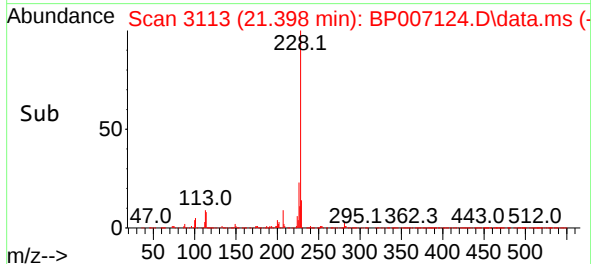
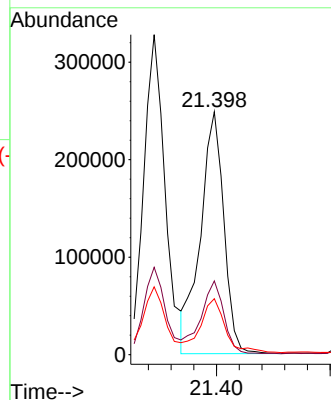
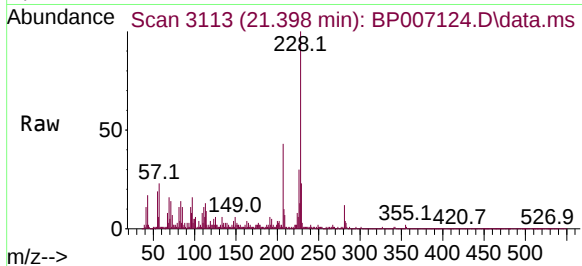




#83
Chrysene
Concen: 3.956 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

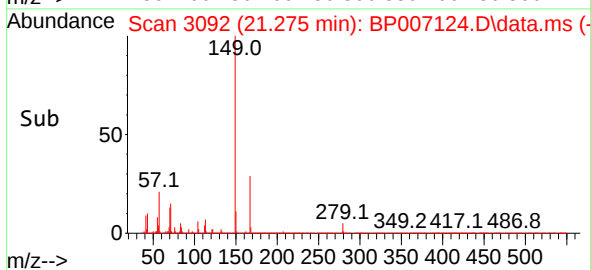
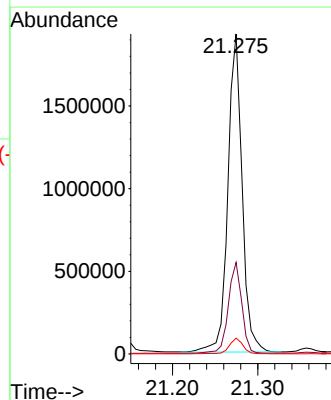
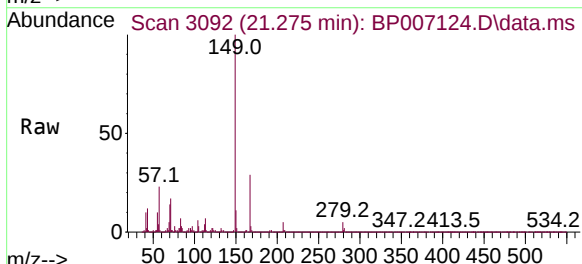
Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

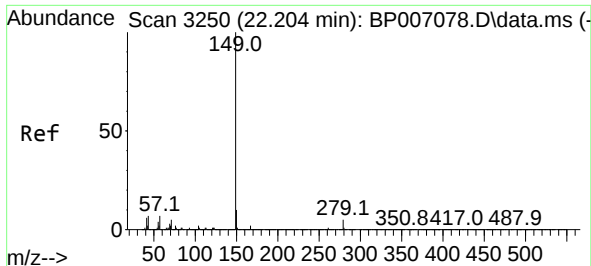
Tgt Ion:	228	Resp:	355639
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.8	35.6
229	23.0	15.4	23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.901 ng
RT: 21.275 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

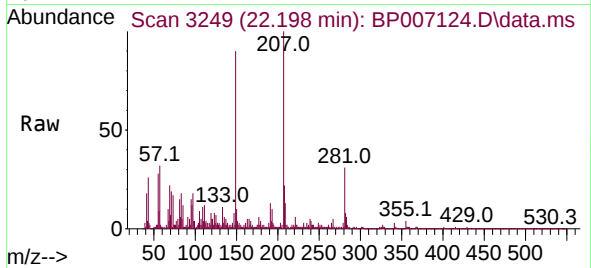
Tgt Ion:	149	Resp:	2239040
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.9	32.9
279	5.0	4.3	6.5



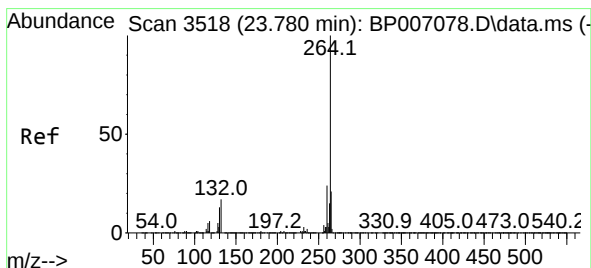
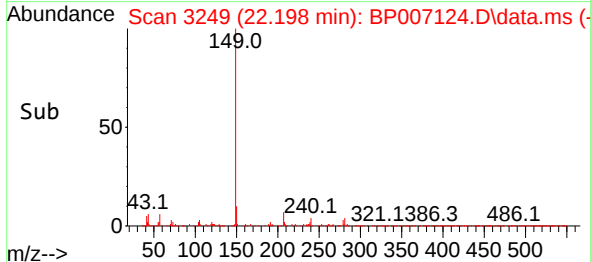
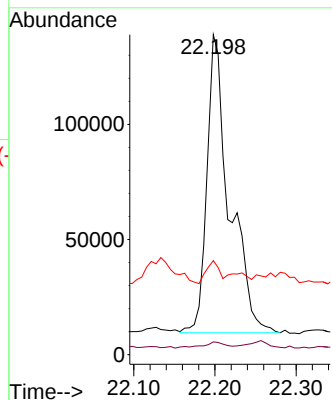


#85
Di-n-octyl phthalate
Concen: 2.678 ng
RT: 22.198 min Scan# 3249
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

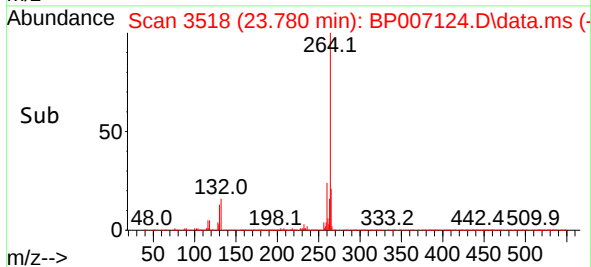
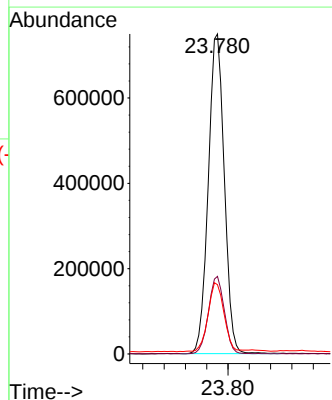
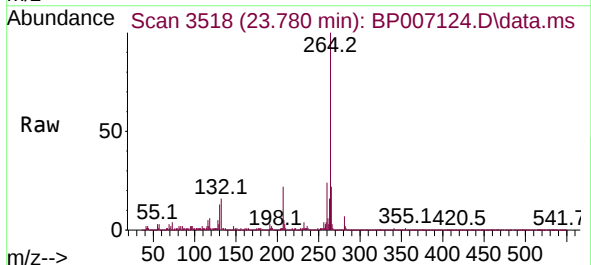


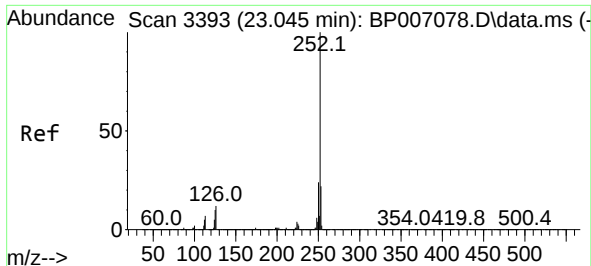
Tgt Ion:149 Resp: 249622
Ion Ratio Lower Upper
149 100
167 2.1 1.4 2.0#
43 4.8 5.6 8.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.012 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:264 Resp: 1566785
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.7 17.6 26.4

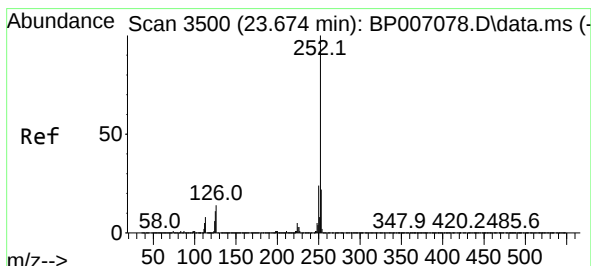
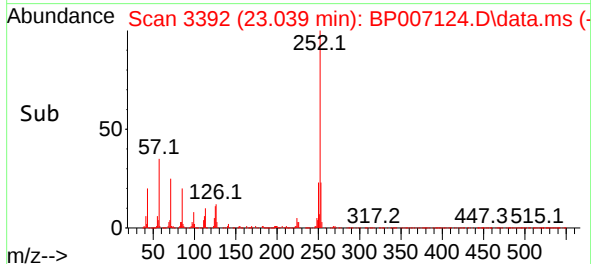
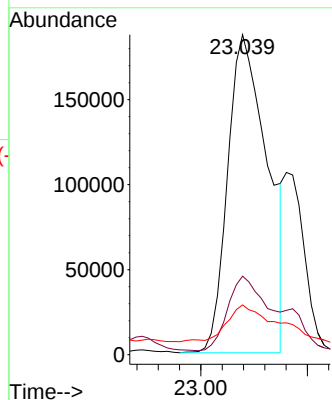
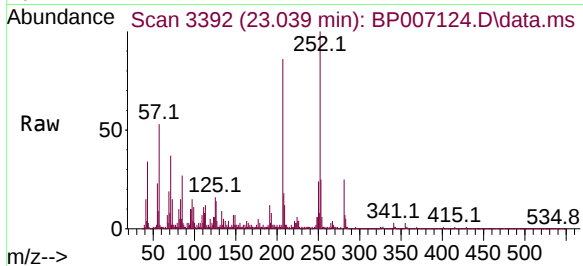




#88
Benzo(b)fluoranthene
Concen: 5.175 ng
RT: 23.039 min Scan# 3392
Delta R.T. 0.006 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Instrument :
BNA_P
ClientSampleId :
NAPL-06-(8-10)-END-POINT

Tgt Ion:252 Resp: 484532
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 15.5 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 4.232 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BP007124.D
Acq: 23 Sep 2021 13:59

Tgt Ion:252 Resp: 336619
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 14.5 6.5 9.7#

