

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008258.D
 Acq On : 07 Dec 2021 19:32
 Operator : CG/JU
 Sample : M4920-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FDR-20211202-WC-W

Quant Time: Dec 08 01:10:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

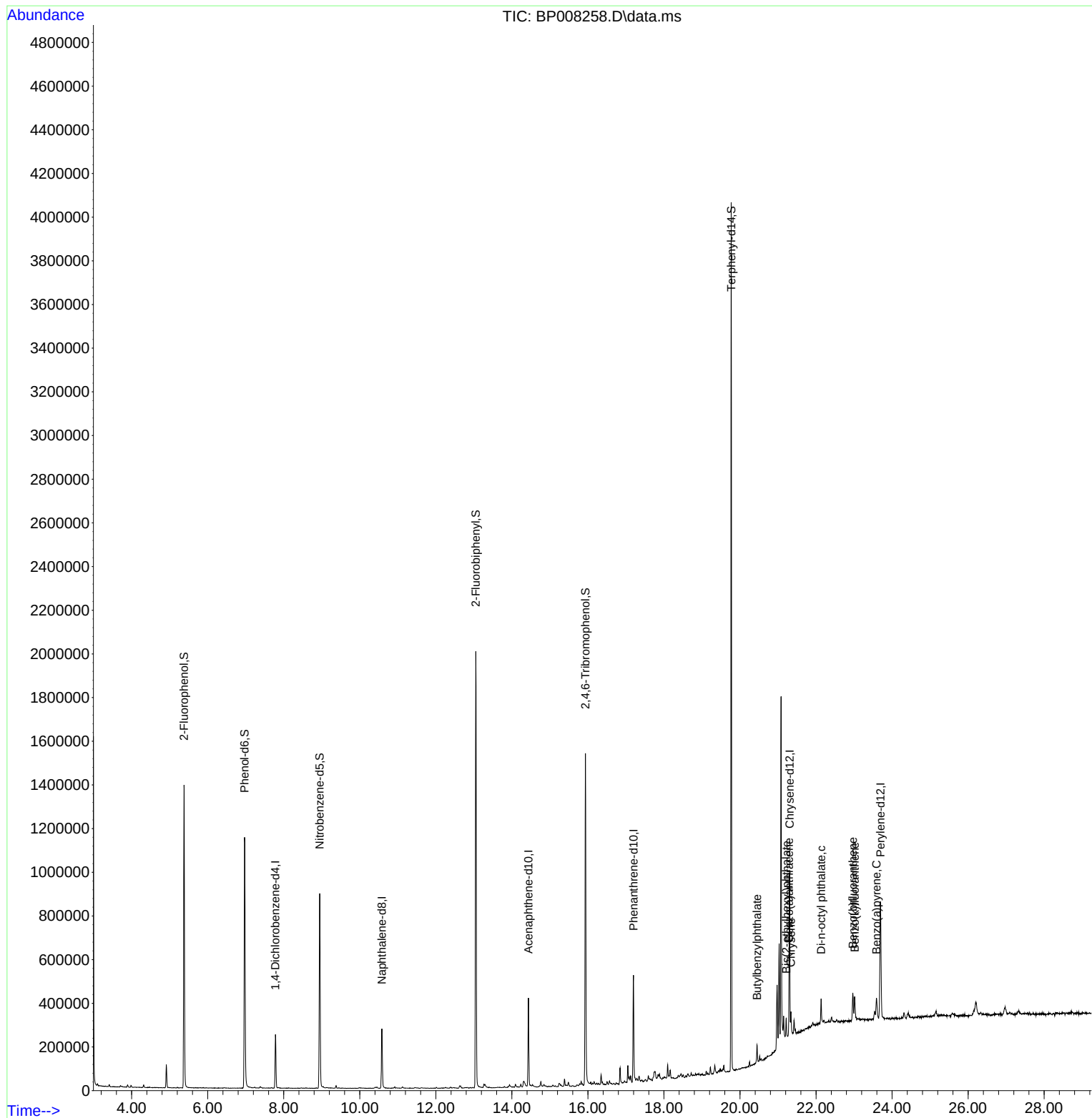
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	62069	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	221290	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	136604	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	290657	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	357964	20.000	ng	-0.01
86) Perylene-d12	23.692	264	426563	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	558079	144.768	ng	-0.01
7) Phenol-d6	6.969	99	655659	125.992	ng	-0.02
23) Nitrobenzene-d5	8.946	82	525152	107.914	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	285369	163.439	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	1037012	110.267	ng	-0.02
79) Terphenyl-d14	19.769	244	1785620	104.251	ng	-0.01
Target Compounds						
						Qvalue
80) Butylbenzylphthalate	20.445	149	25320	2.484	ng	95
81) Benzo(a)anthracene	21.286	228	55484	2.339	ng	98
83) Chrysene	21.339	228	65743	2.912	ng	98
84) Bis(2-ethylhexyl)phtha...	21.216	149	36462	2.356	ng	99
85) Di-n-octyl phthalate	22.133	149	80335	3.056	ng	# 99
88) Benzo(b)fluoranthene	22.969	252	87816	3.415	ng	97
89) Benzo(k)fluoranthene	23.016	252	92270	3.665	ng	95
90) Benzo(a)pyrene	23.592	252	73398	3.340	ng	96

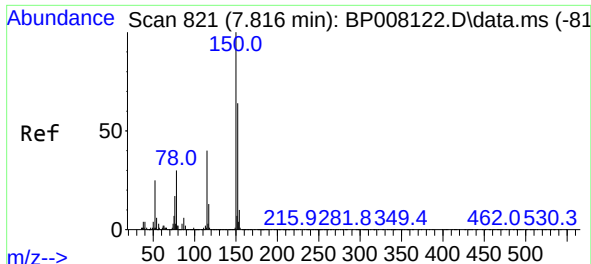
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

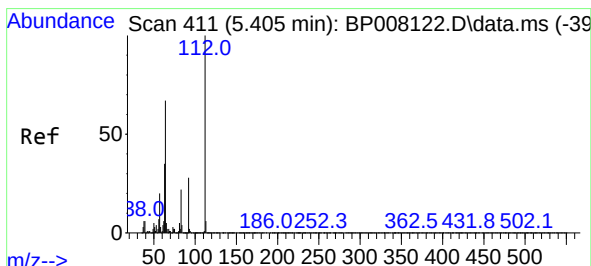
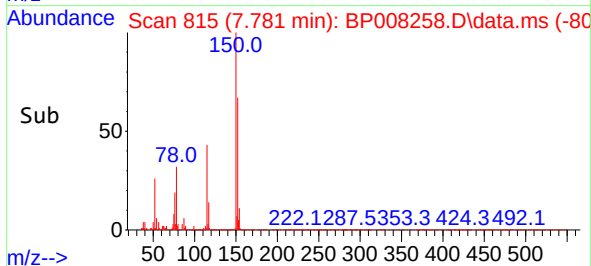
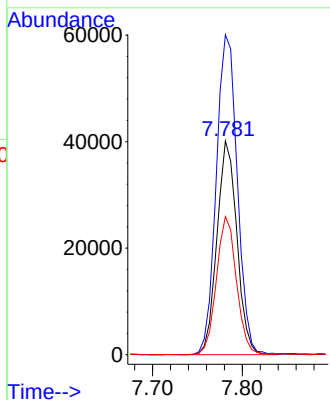
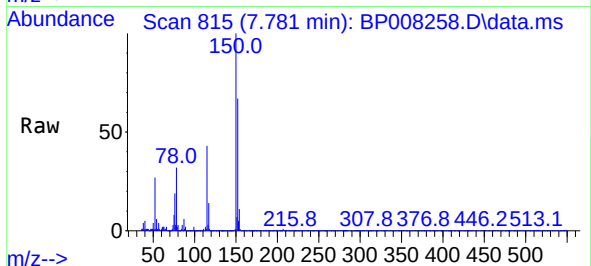




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

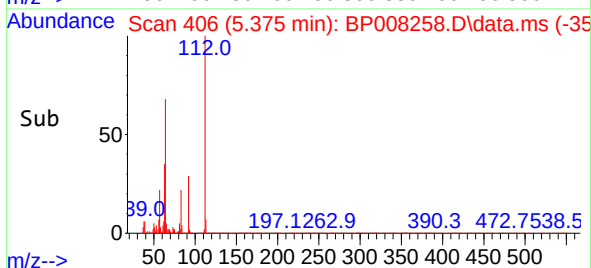
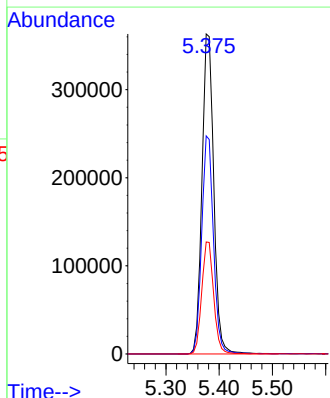
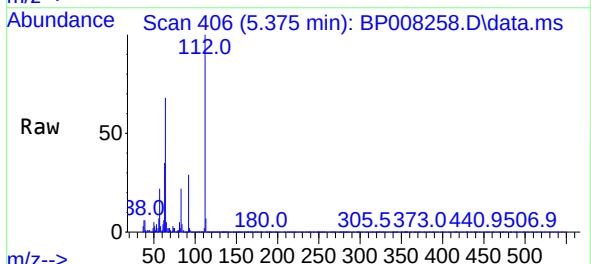
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-W

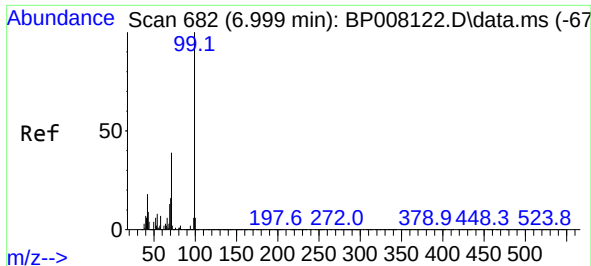
Tgt Ion:152 Resp: 62069
Ion Ratio Lower Upper
152 100
150 149.7 125.7 188.5
115 64.6 50.7 76.1



#5
2-Fluorophenol
Concen: 144.768 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:112 Resp: 558079
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.2
63 35.0 27.8 41.8

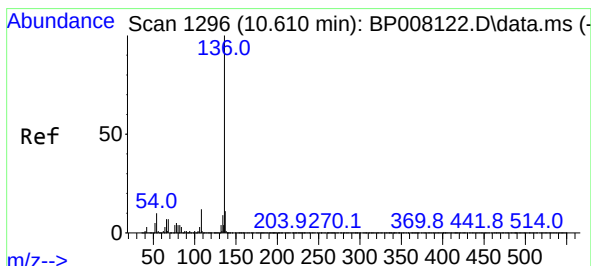
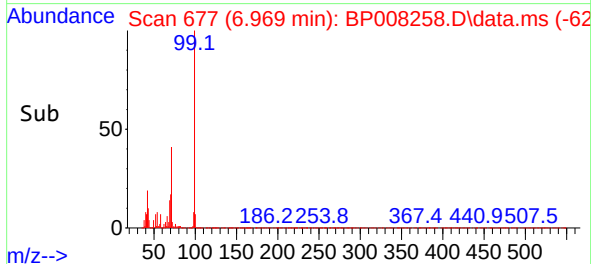
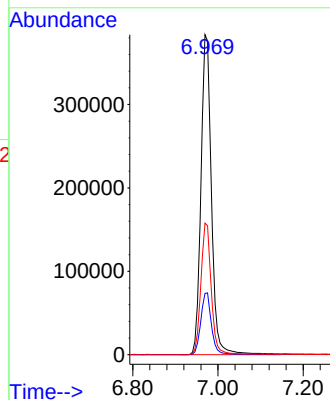
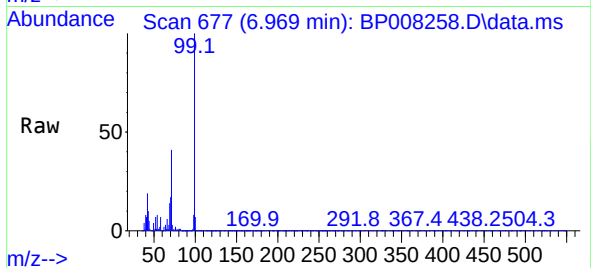




#7
Phenol-d6
Concen: 125.992 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

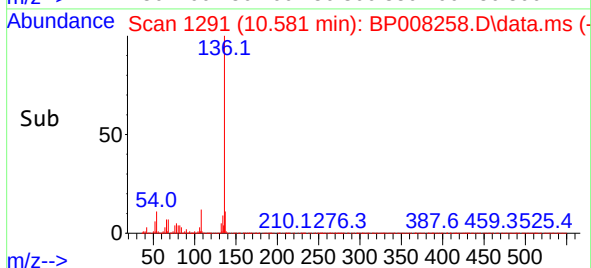
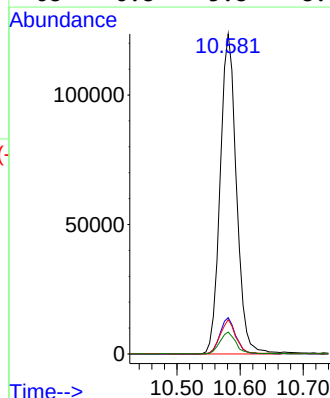
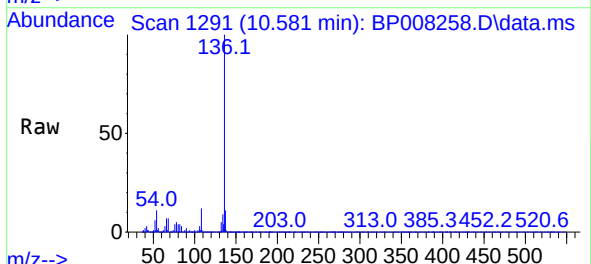
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-W

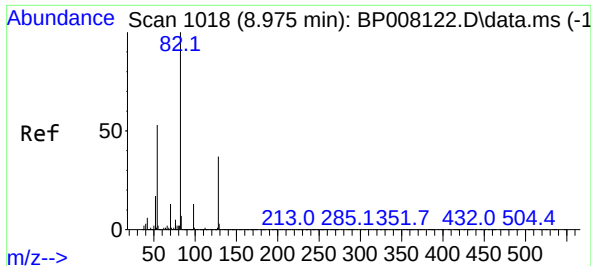
Tgt Ion: 99 Resp: 655659
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 41.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion: 136 Resp: 221290
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.7 8.2 12.4
68 6.8 5.8 8.8

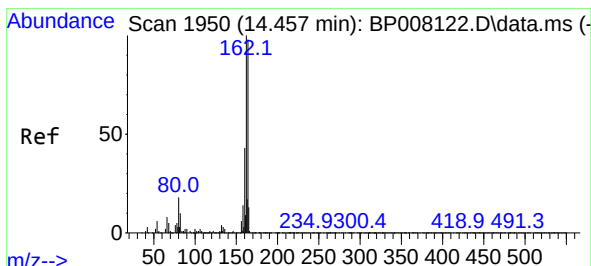
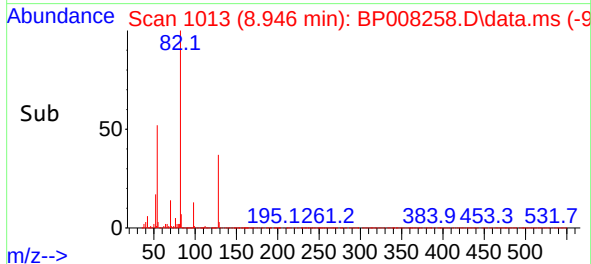
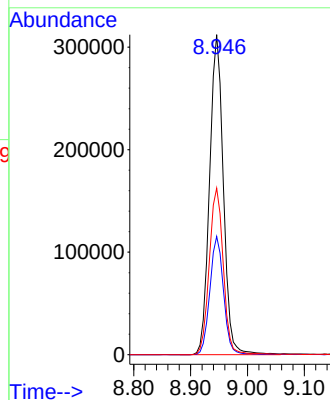
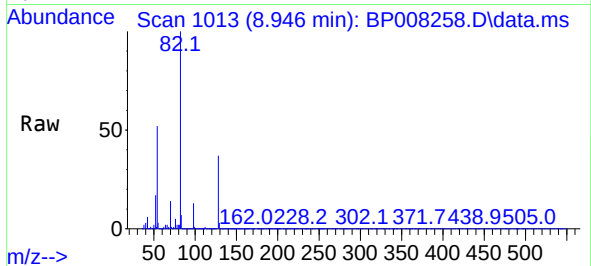




#23
Nitrobenzene-d5
Concen: 107.914 ng
RT: 8.946 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

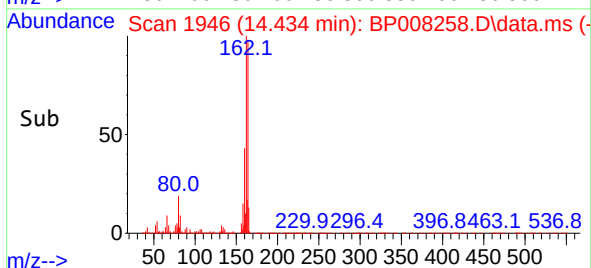
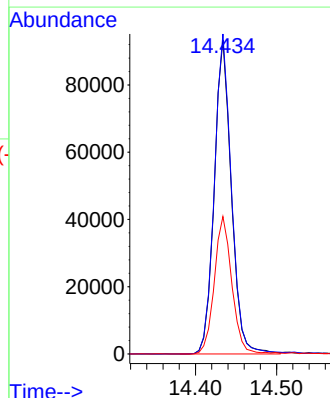
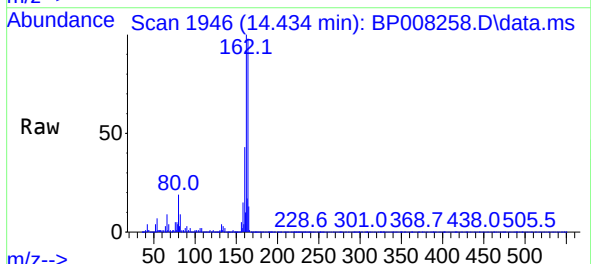
Instrument :
BNA_P
ClientSampleId :
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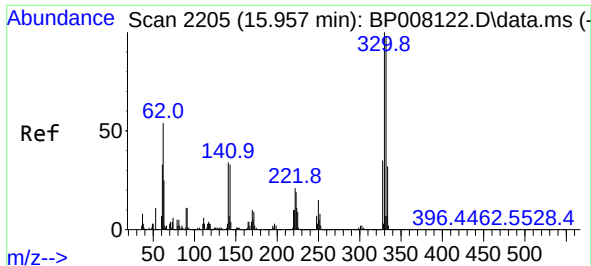
Tgt Ion: 82 Resp: 525152
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 52.0 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:164 Resp: 136604
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 43.8 35.4 53.0

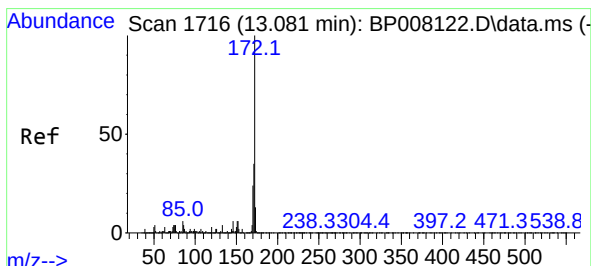
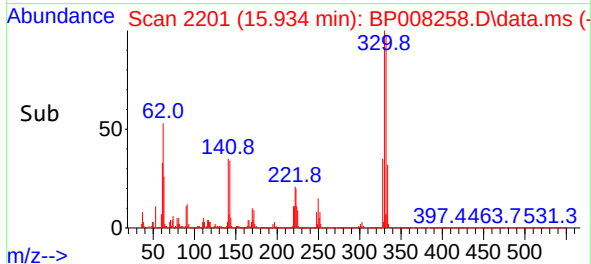
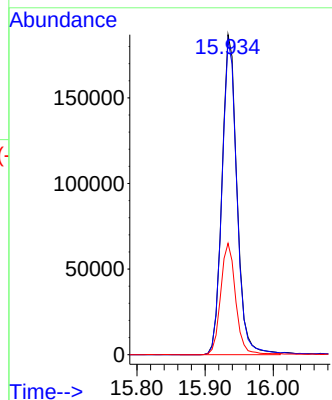
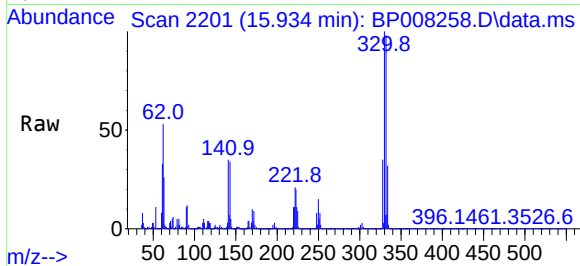




#42
2,4,6-Tribromophenol
Concen: 163.439 ng
RT: 15.934 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

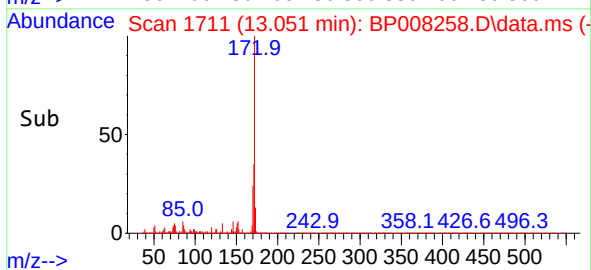
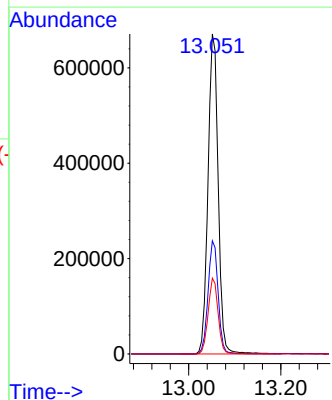
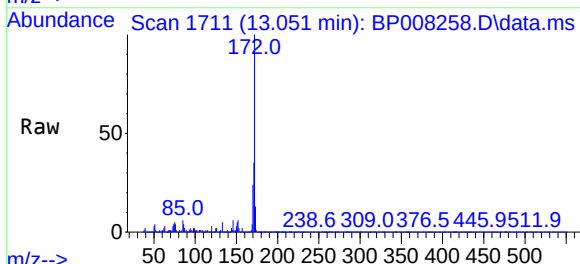
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ClientSampleId :
FDR-20211202-WC-W

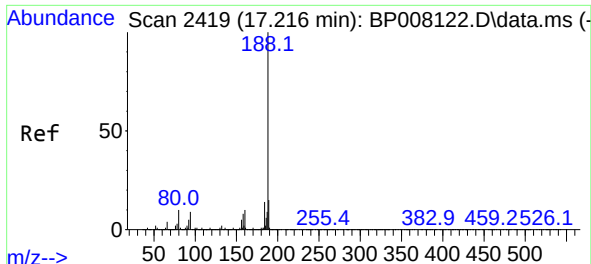
Tgt Ion:330 Resp: 285369
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.4
141 35.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 110.267 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:172 Resp: 1037012
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.7 18.9 28.3

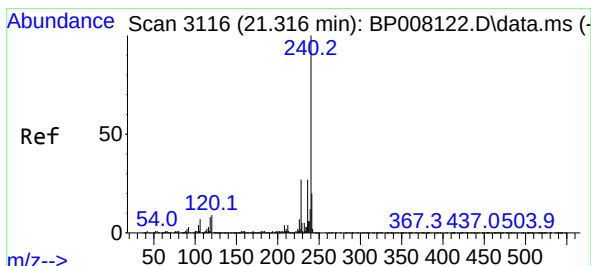
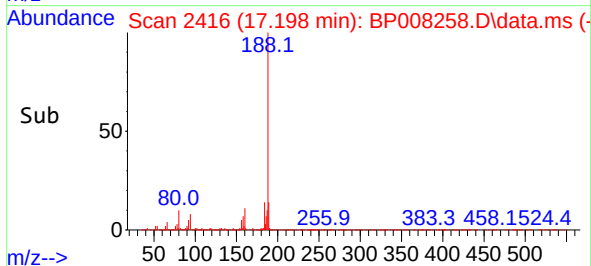
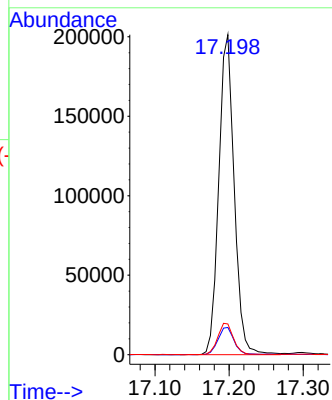
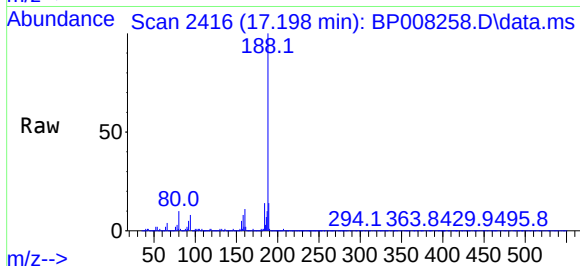




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

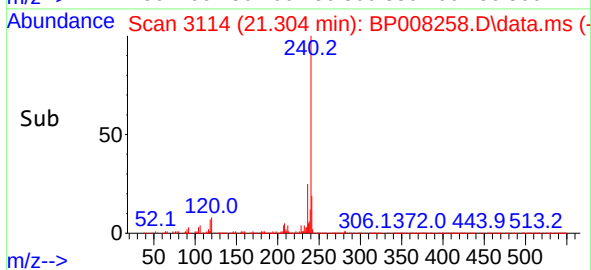
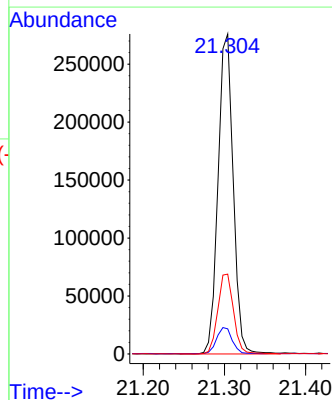
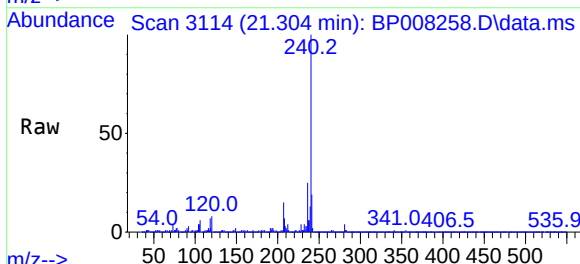
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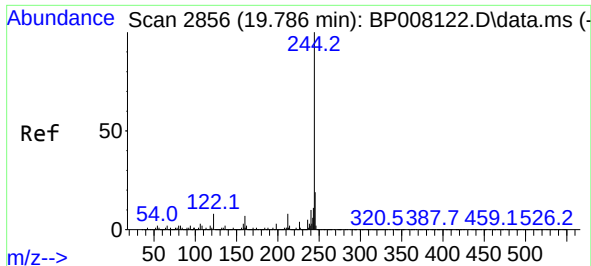
Tgt Ion:188 Resp: 290657
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:240 Resp: 357964
Ion Ratio Lower Upper
240 100
120 7.9 7.3 10.9
236 24.9 21.4 32.2



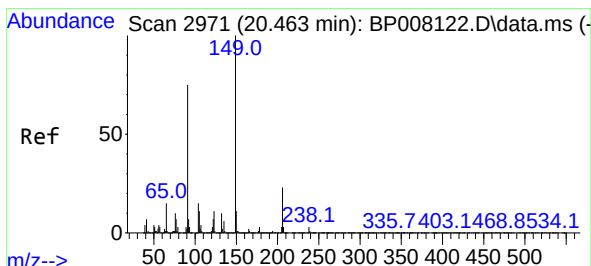
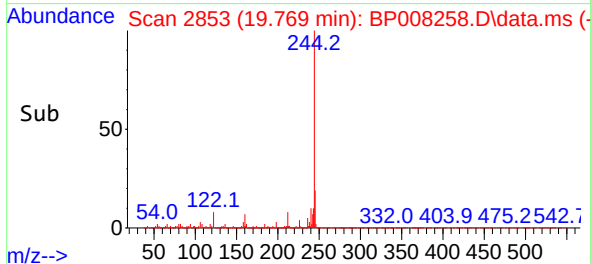
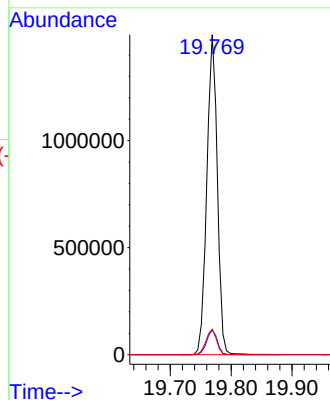
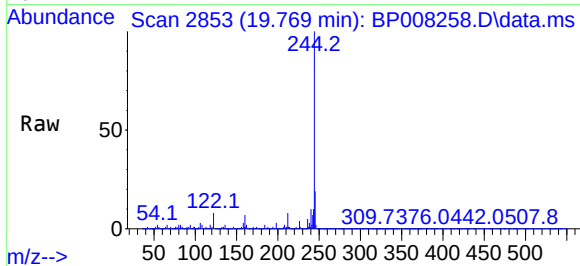


#79
 Terphenyl-d14
 Concen: 104.251 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008258.D
 Acq: 07 Dec 2021 19:32

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1785620

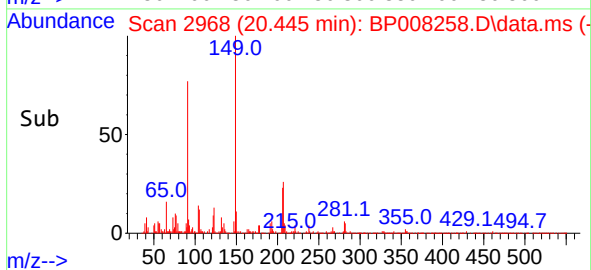
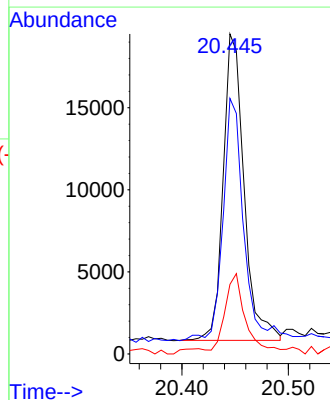
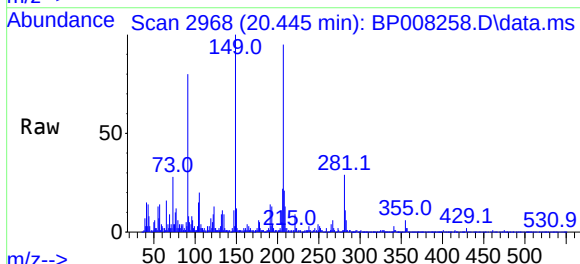
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.0	6.6	9.8

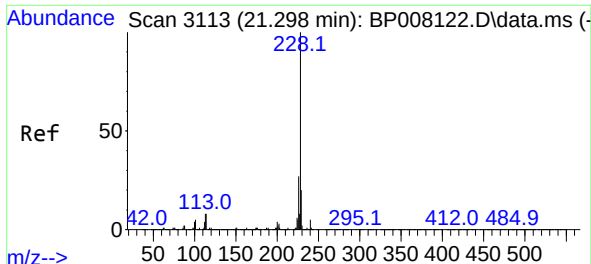


#80
 Butylbenzylphthalate
 Concen: 2.484 ng
 RT: 20.445 min Scan# 2968
 Delta R.T. -0.018 min
 Lab File: BP008258.D
 Acq: 07 Dec 2021 19:32

Tgt Ion:149 Resp: 25320

Ion	Ratio	Lower	Upper
149	100		
91	79.9	59.8	89.8
206	21.7	18.6	27.8

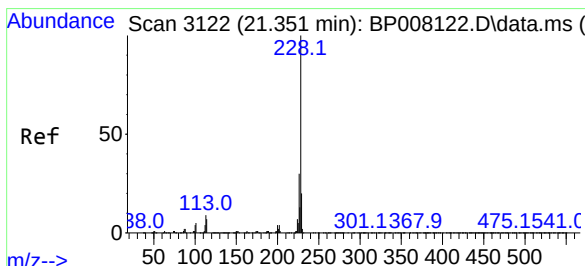
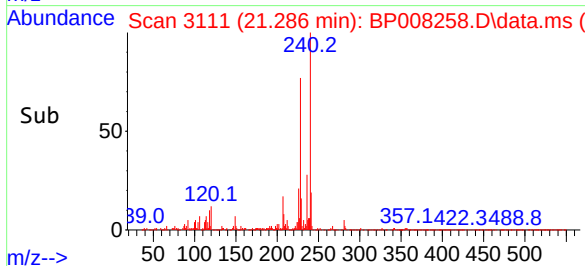
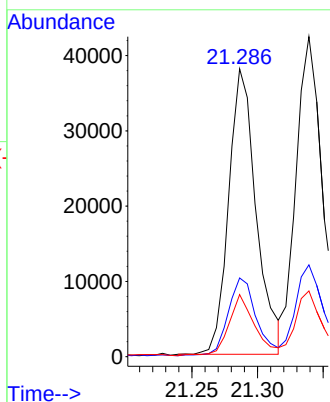
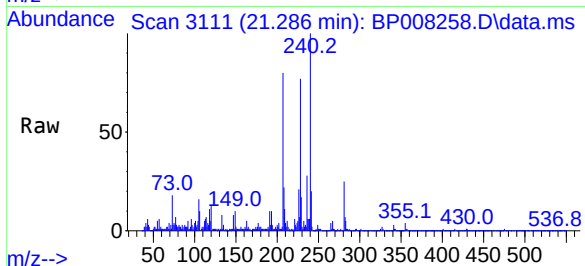




#81
Benzo(a)anthracene
Concen: 2.339 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

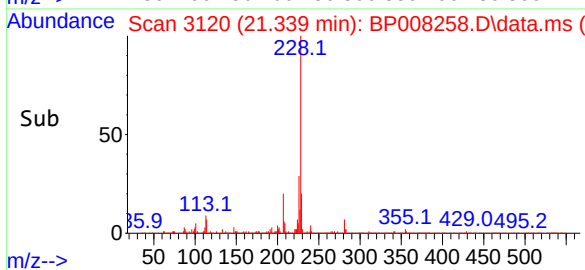
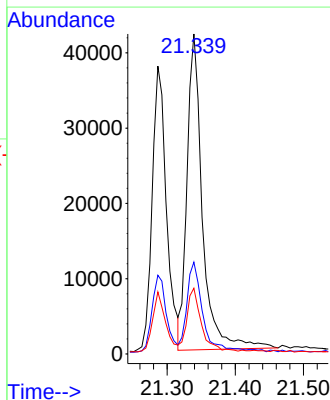
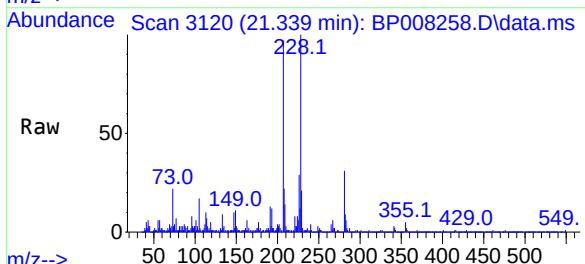
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-W

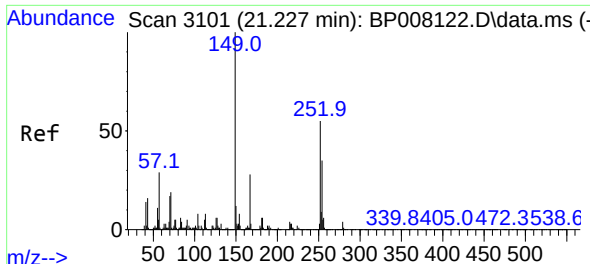
Tgt Ion:	228	Resp:	55484
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.9	32.9
229	21.6	15.9	23.9



#83
Chrysene
Concen: 2.912 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:	228	Resp:	65743
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.0	36.0
229	20.5	15.8	23.8

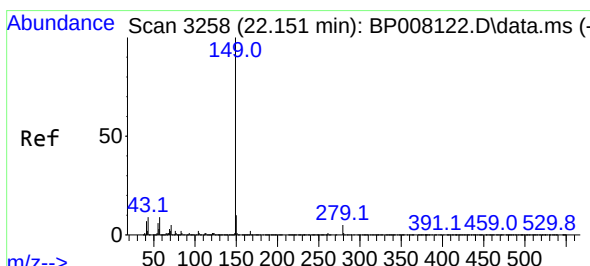
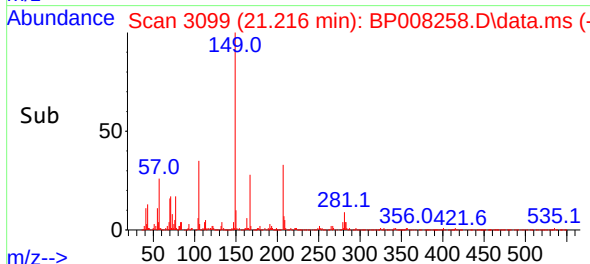
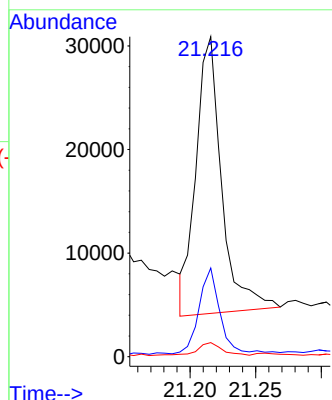
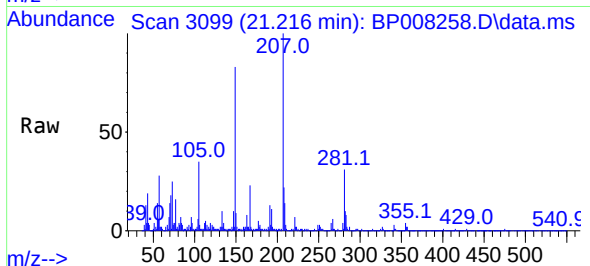




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.356 ng
RT: 21.216 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

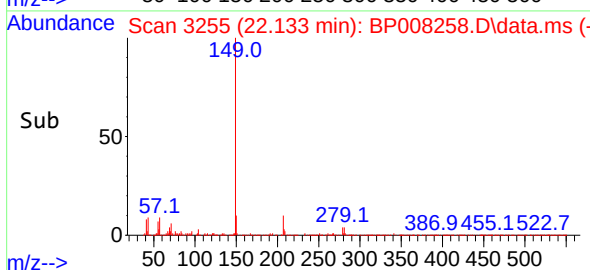
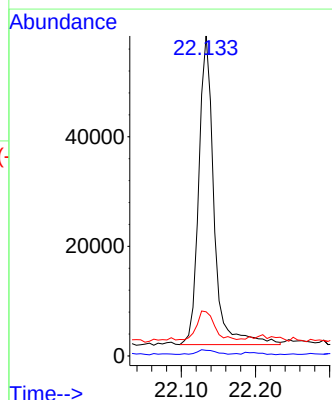
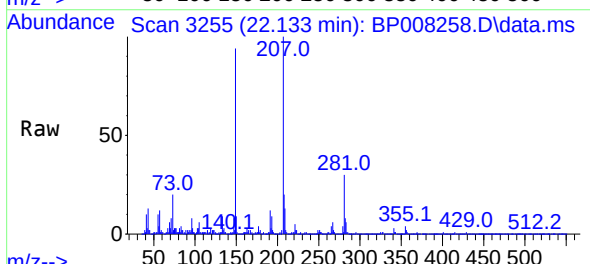
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-W

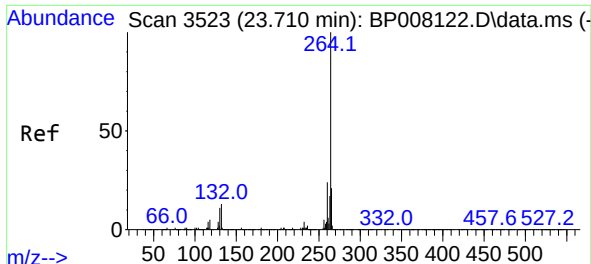
Tgt Ion:149 Resp: 36462
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.4 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 3.056 ng
RT: 22.133 min Scan# 3255
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:149 Resp: 80335
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9#
43 10.4 7.9 11.9

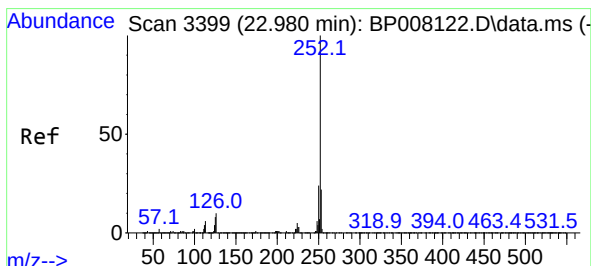
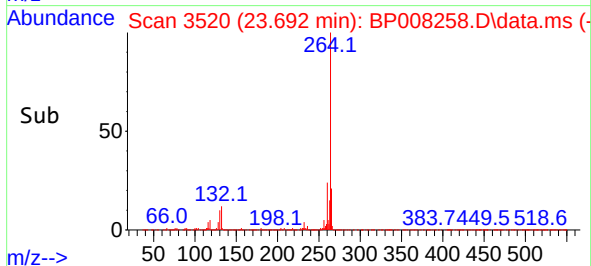
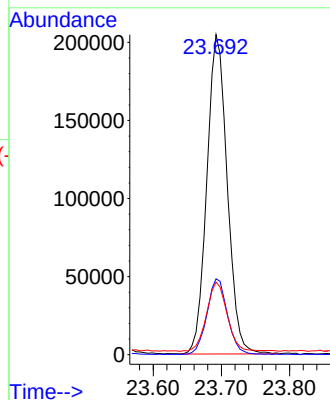
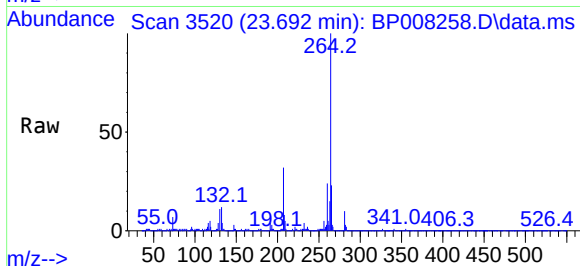




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

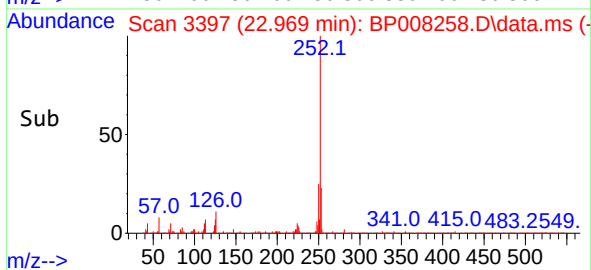
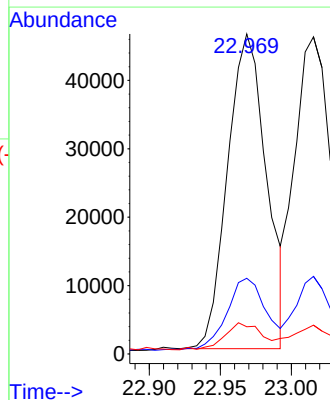
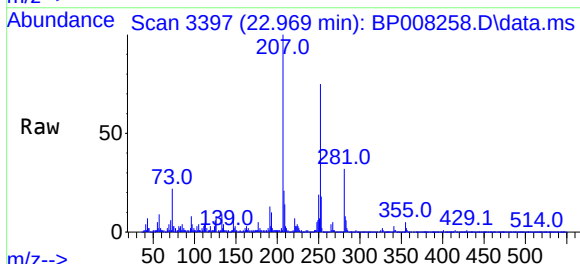
Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-W

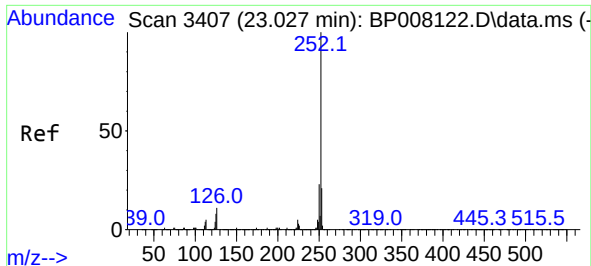
Tgt Ion:264 Resp: 426563
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.415 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:252 Resp: 87816
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 8.5 6.2 9.4

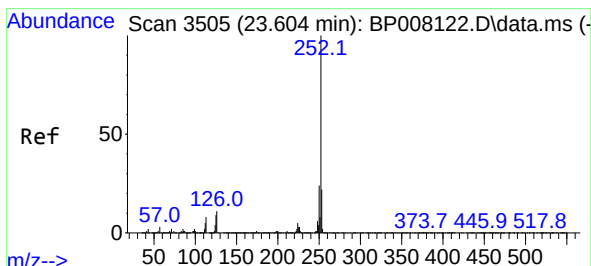
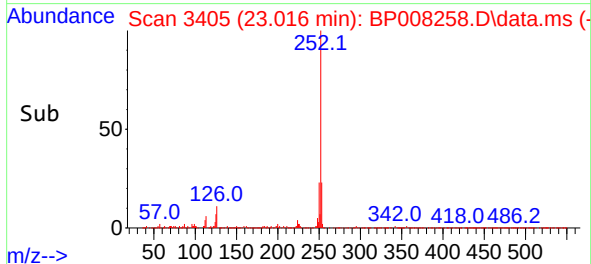
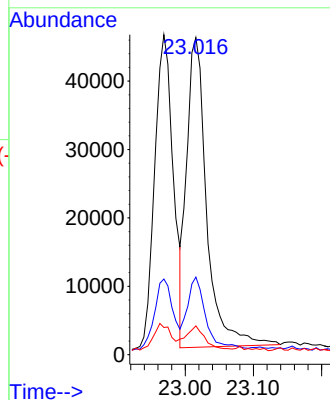
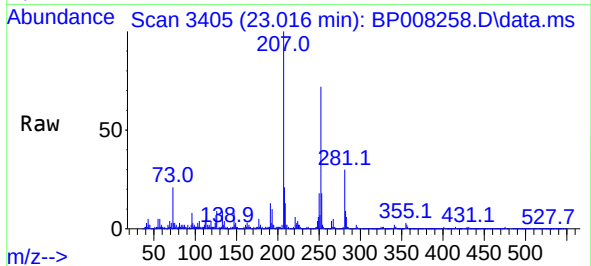




#89
Benzo(k)fluoranthene
Concen: 3.665 ng
RT: 23.016 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-W

Tgt Ion:252 Resp: 92270
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 9.1 6.5 9.7



#90
Benzo(a)pyrene
Concen: 3.340 ng
RT: 23.592 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP008258.D
Acq: 07 Dec 2021 19:32

Tgt Ion:252 Resp: 73398
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 10.0 7.4 11.0

