

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012722\
 Data File : BP008951.D
 Acq On : 27 Jan 2022 18:04
 Operator : CG/JU
 Sample : N1284-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Jan 28 02:18:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

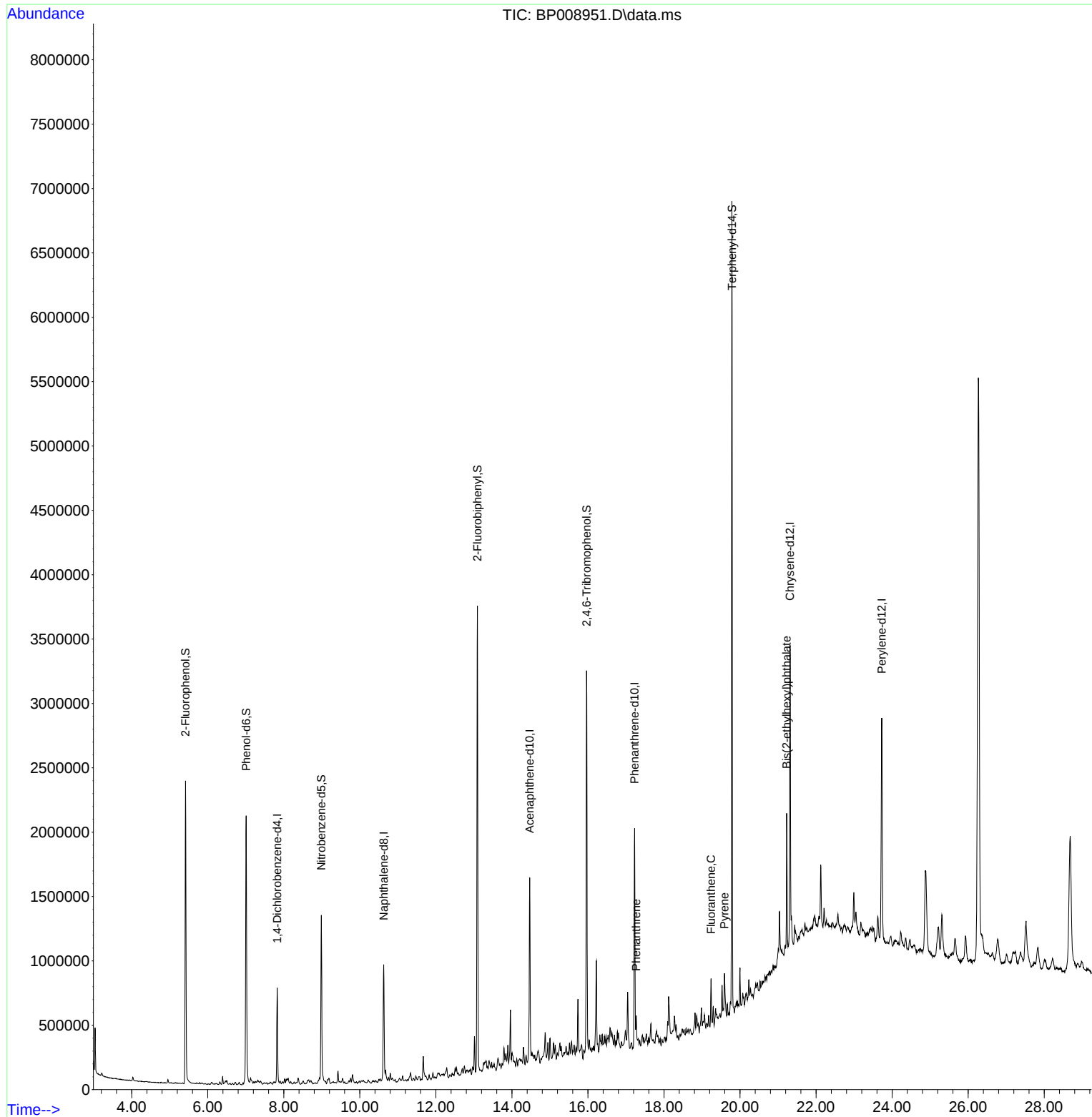
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	218380	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	809421	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	510228	20.000	ng	-0.01
64) Phenanthrene-d10	17.227	188	1052489	20.000	ng	-0.01
76) Chrysene-d12	21.315	240	1164475	20.000	ng	-0.02
86) Perylene-d12	23.727	264	1326090	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1142904	80.933	ng	-0.01
7) Phenol-d6	7.010	99	1379177	80.651	ng	-0.01
23) Nitrobenzene-d5	8.987	82	822836	57.714	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	665553	89.614	ng	-0.02
45) 2-Fluorobiphenyl	13.092	172	2066853	53.420	ng	-0.01
79) Terphenyl-d14	19.786	244	3018211	43.750	ng	-0.02
Target Compounds						
						Qvalue
71) Phenanthrene	17.269	178	151823	2.562	ng	99
75) Fluoranthene	19.239	202	199382	3.026	ng	98
78) Pyrene	19.592	202	219888	2.706	ng	98
84) Bis(2-ethylhexyl)phtha...	21.227	149	394294	7.791	ng	96

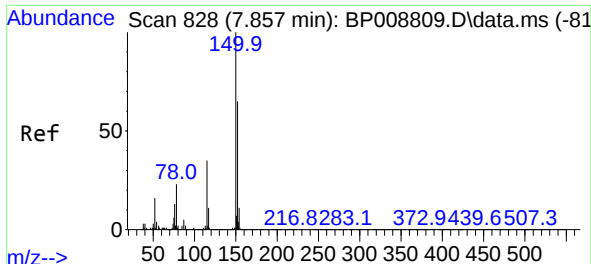
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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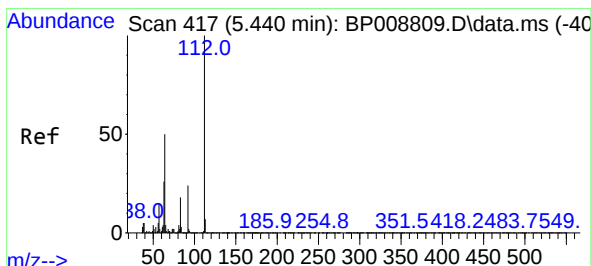
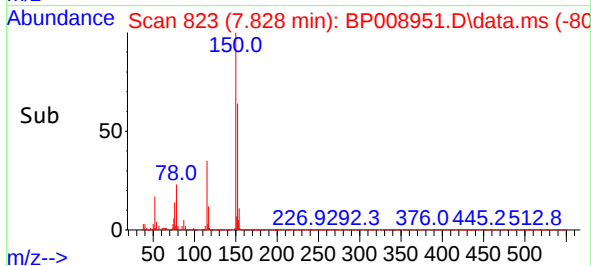
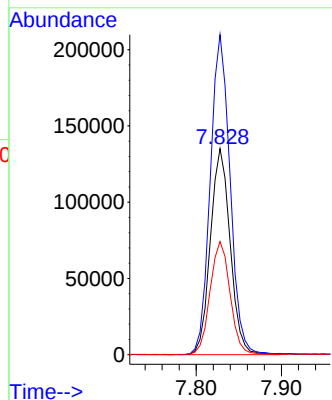
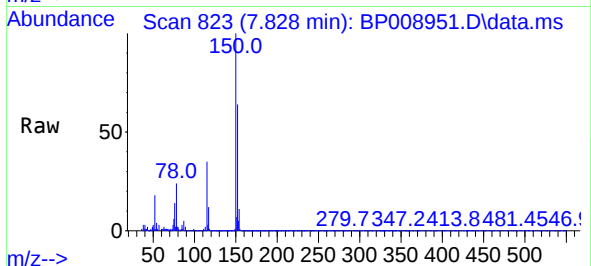




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

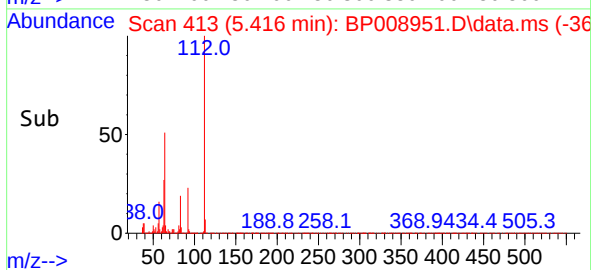
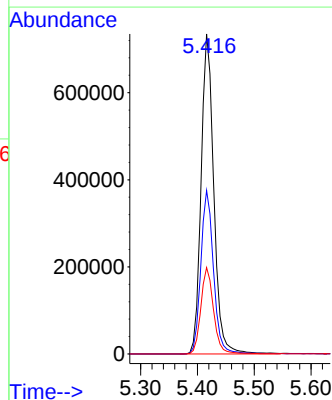
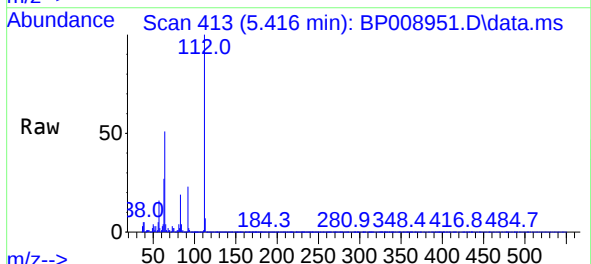
Instrument :
BNA_P
ClientSampleId :
S-1

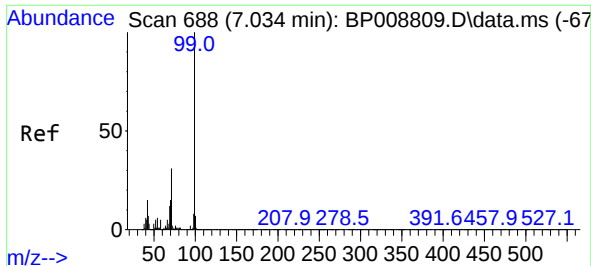
Tgt Ion:152 Resp: 218380
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 54.9 43.7 65.5



#5
2-Fluorophenol
Concen: 80.933 ng
RT: 5.416 min Scan# 413
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion:112 Resp: 1142904
Ion Ratio Lower Upper
112 100
64 51.1 39.7 59.5
63 27.0 20.0 30.0



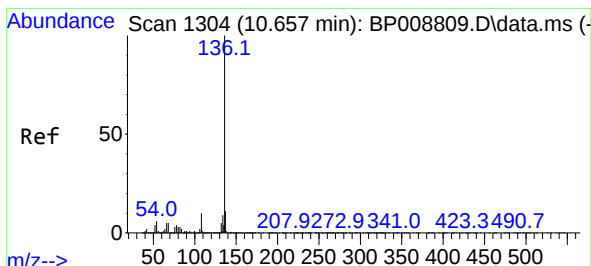
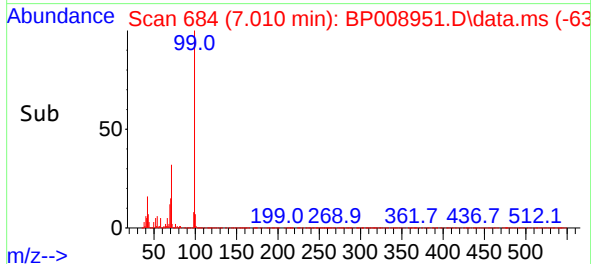
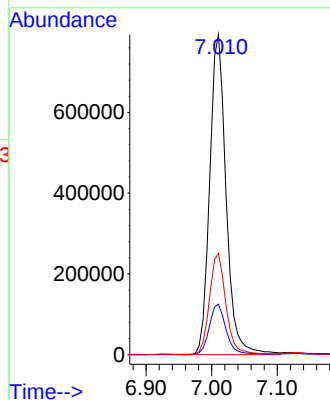
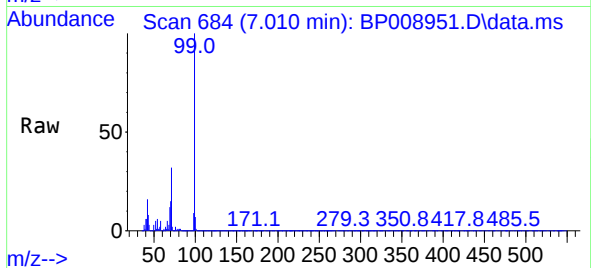


#7
Phenol-d6
Concen: 80.651 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 1379177

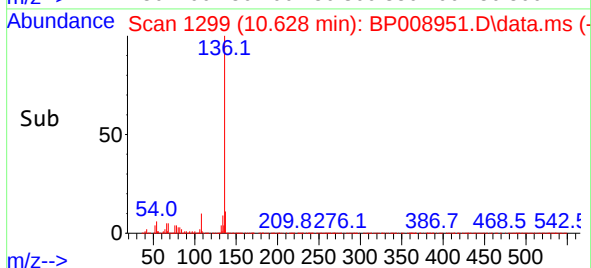
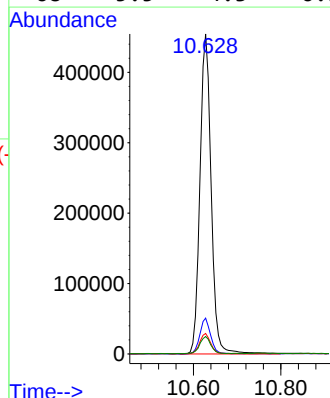
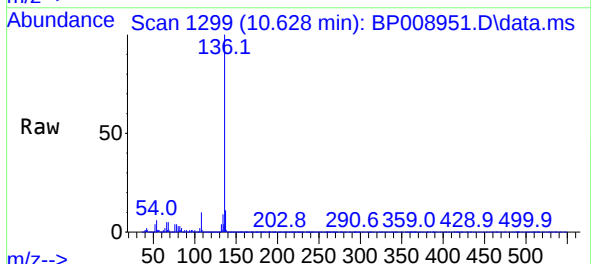
Ion	Ratio	Lower	Upper
99	100		
42	15.8	10.8	16.2
71	31.7	23.8	35.6

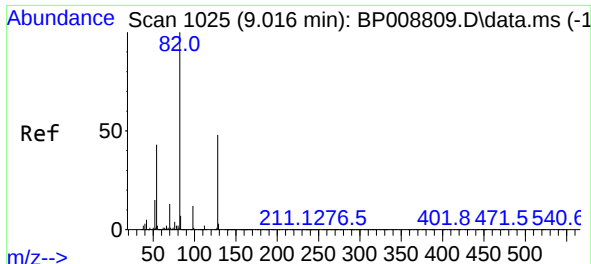


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion: 136 Resp: 809421

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.4	4.9	7.3
68	5.5	4.3	6.5

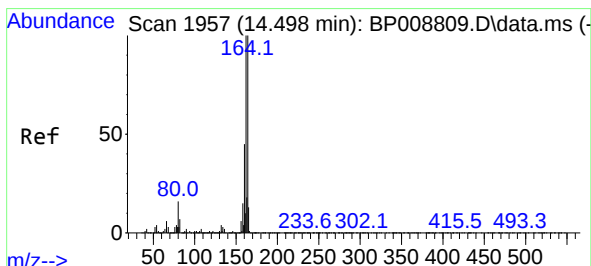
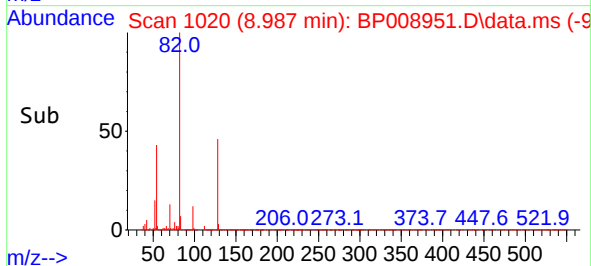
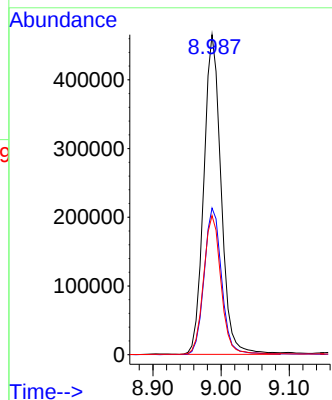
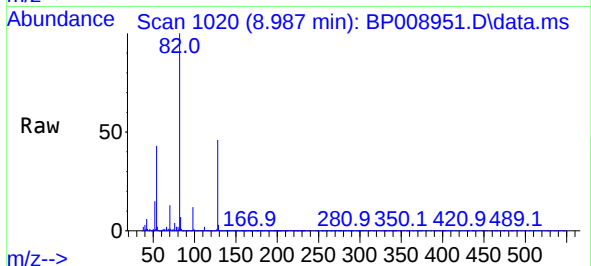




#23
Nitrobenzene-d5
Concen: 57.714 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

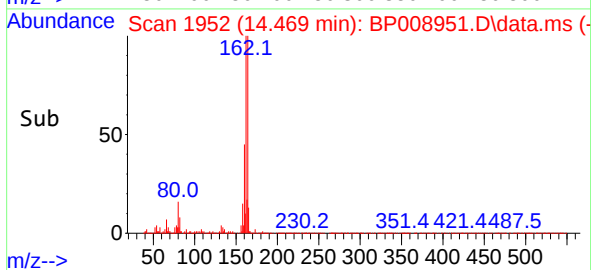
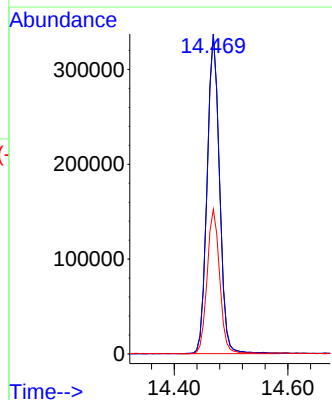
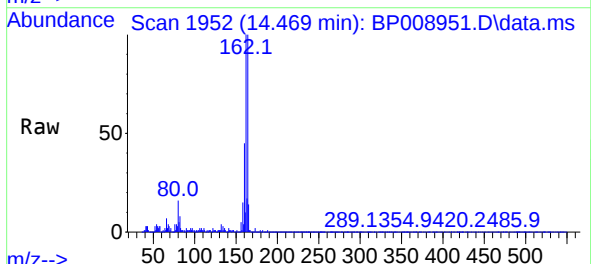
Instrument :
BNA_P
ClientSampleId :
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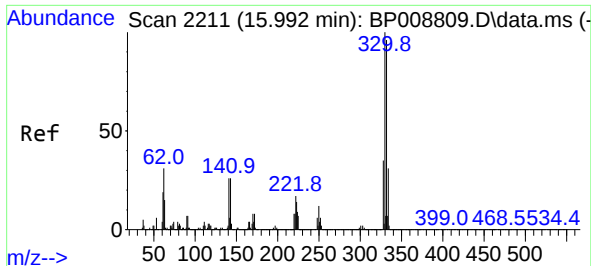
Tgt Ion: 82 Resp: 822836
Ion Ratio Lower Upper
82 100
128 45.8 39.4 59.2
54 43.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion: 164 Resp: 510228
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 45.2 35.5 53.3

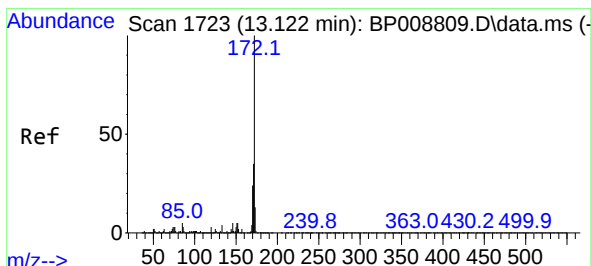
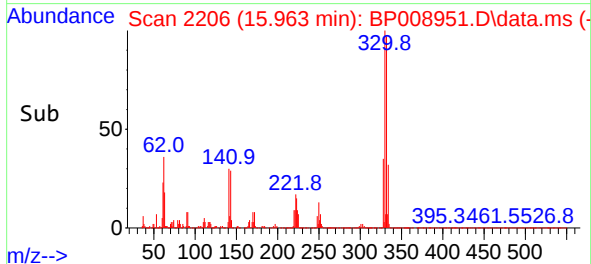
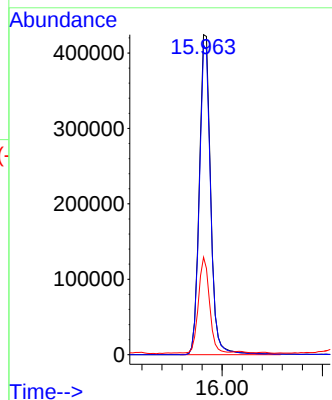
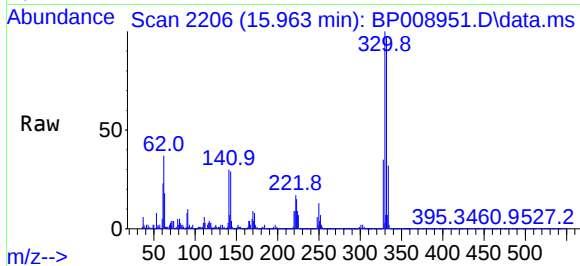




#42
2,4,6-Tribromophenol
Concen: 89.614 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

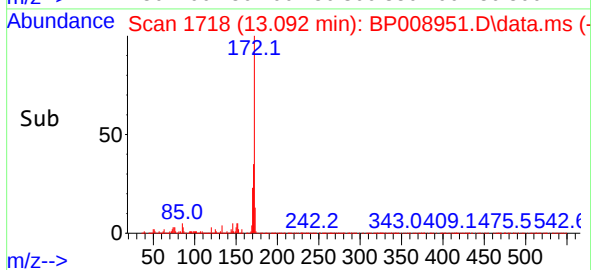
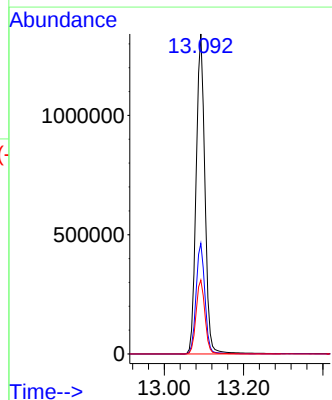
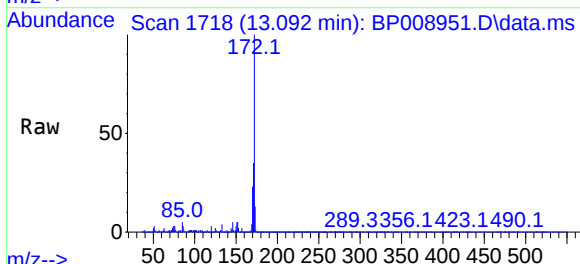
Instrument :
BNA_P
ClientSampleId :
S-1

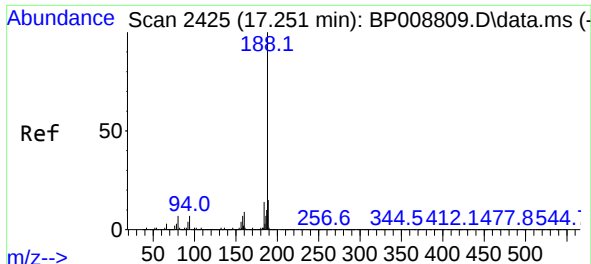
Tgt Ion:330 Resp: 665553
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 29.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 53.420 ng
RT: 13.092 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion:172 Resp: 2066853
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.1 19.5 29.3

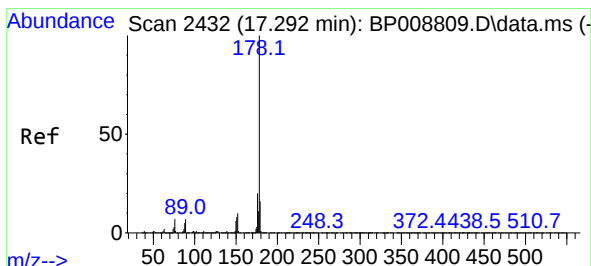
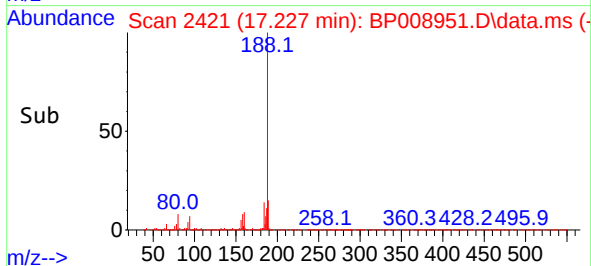
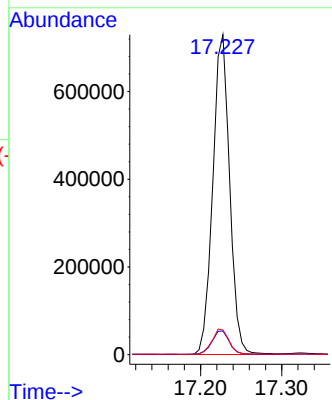
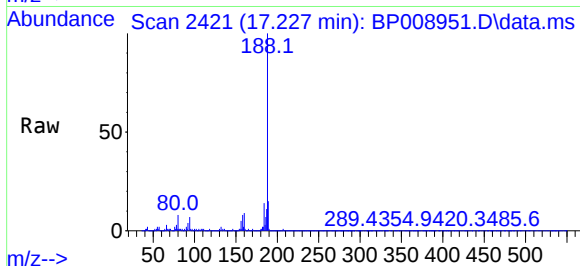




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

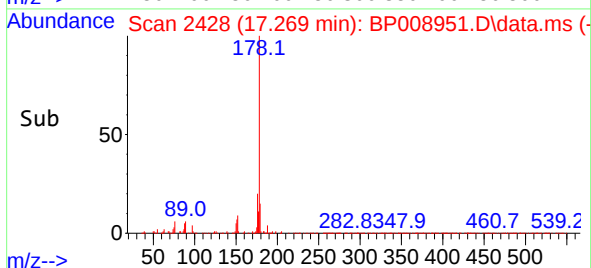
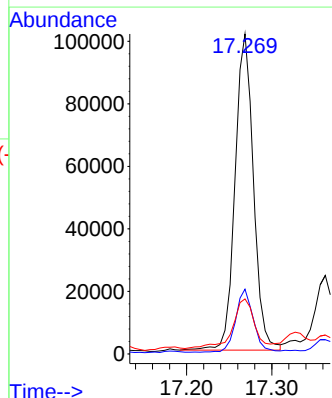
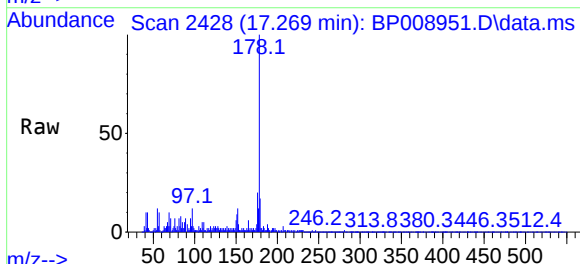
Instrument :
BNA_P
ClientSampleId :
S-1

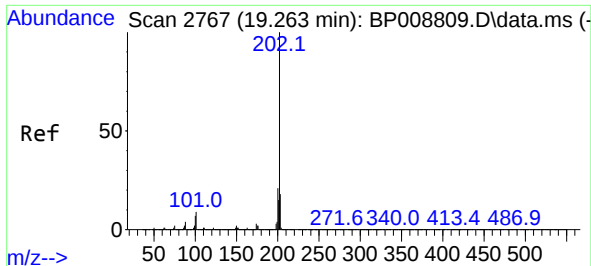
Tgt Ion:188 Resp: 1052489
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.7 7.2 10.8



#71
Phenanthrene
Concen: 2.562 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion:178 Resp: 151823
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 17.2 13.0 19.4

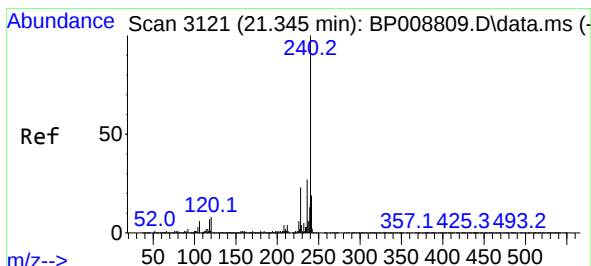
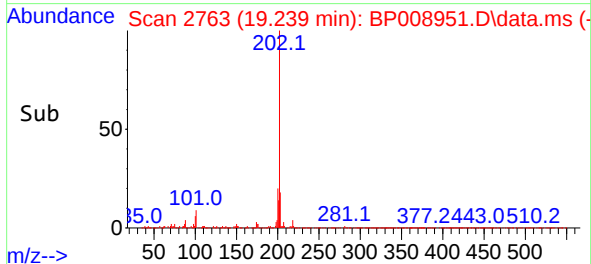
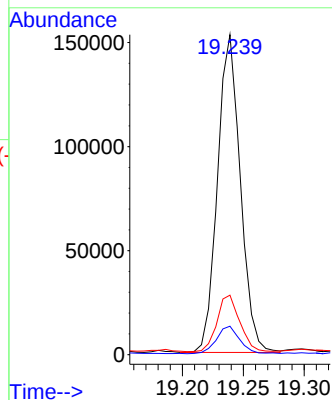
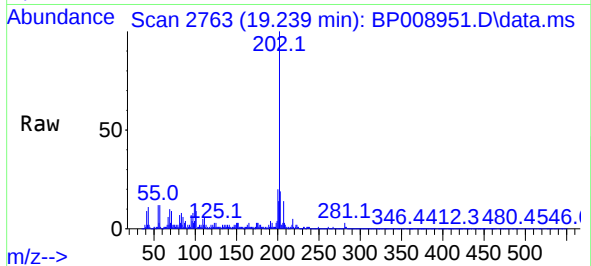




#75
Fluoranthene
Concen: 3.026 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

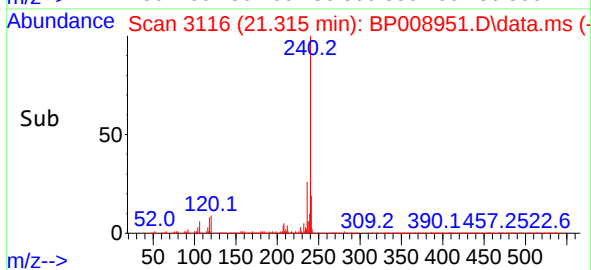
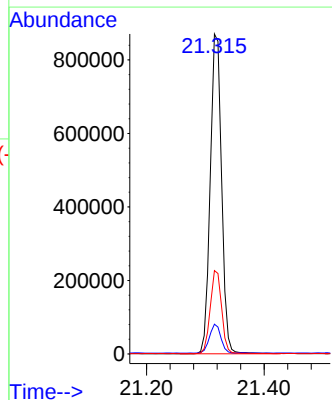
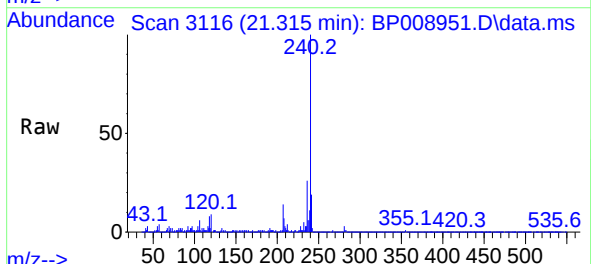
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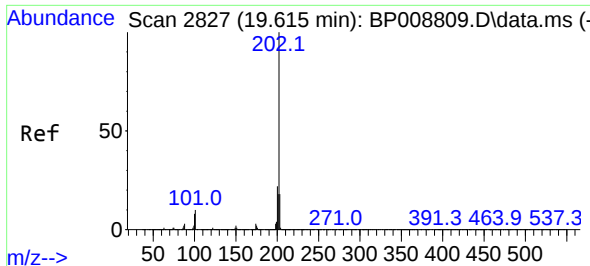
Tgt Ion:	202	Resp:	199382
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.7
203	18.6	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion:	240	Resp:	1164475
Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.7	11.5
236	26.1	21.2	31.8

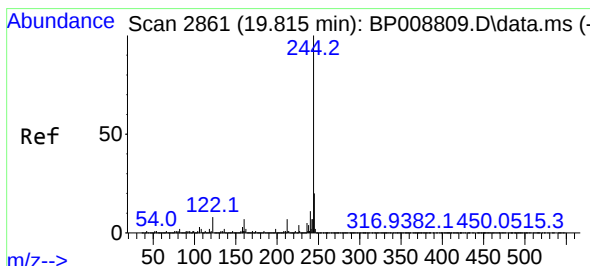
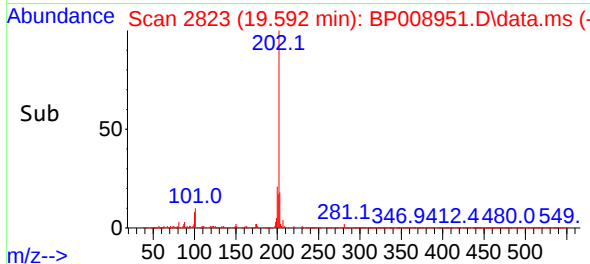
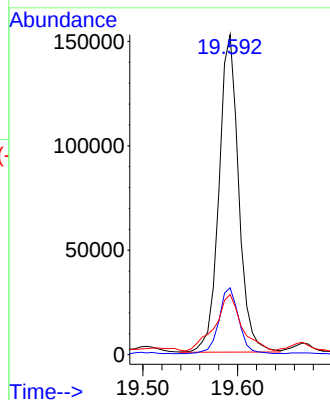
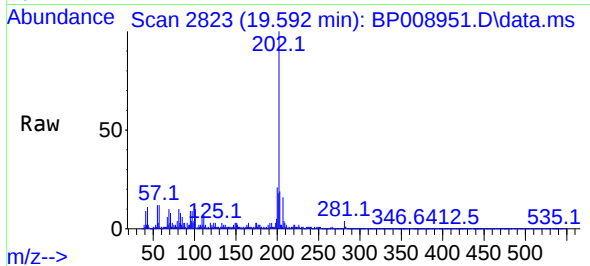




#78
 Pyrene
 Concen: 2.706 ng
 RT: 19.592 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008951.D
 Acq: 27 Jan 2022 18:04

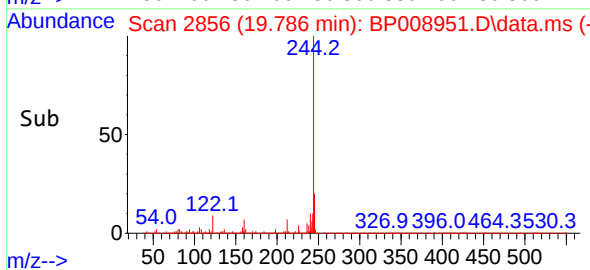
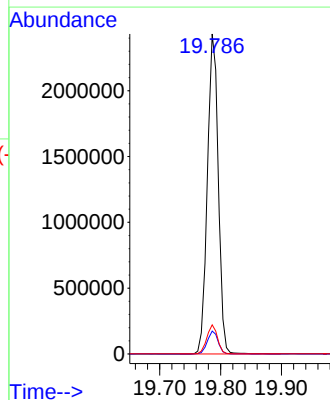
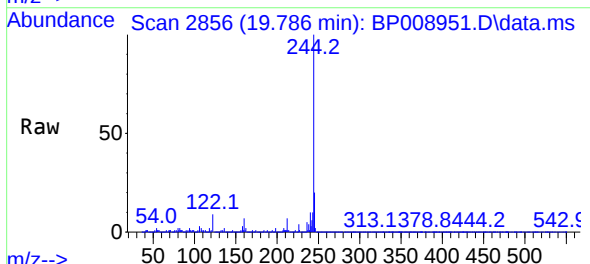
Instrument :
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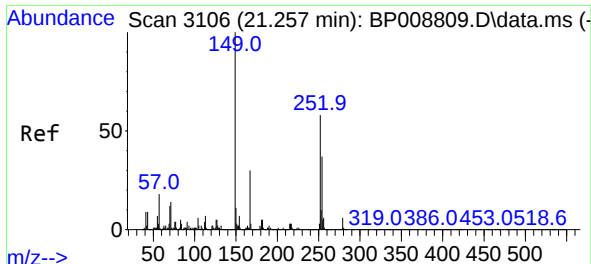
Tgt Ion:202 Resp: 219888
 Ion Ratio Lower Upper
 202 100
 200 20.9 18.0 27.0
 203 18.8 15.0 22.6



#79
 Terphenyl-d14
 Concen: 43.750 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.018 min
 Lab File: BP008951.D
 Acq: 27 Jan 2022 18:04

Tgt Ion:244 Resp: 3018211
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.1 9.2 13.8#

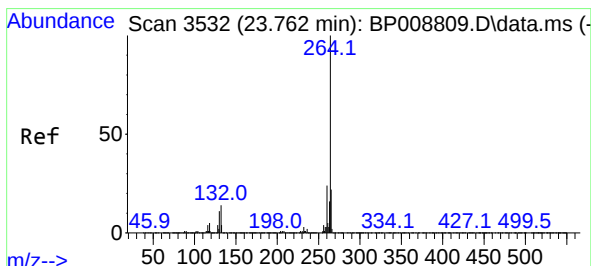
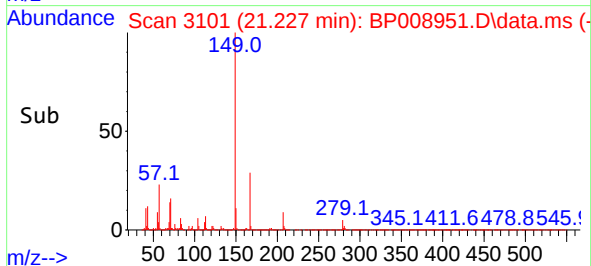
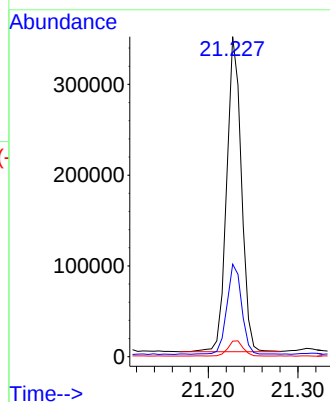
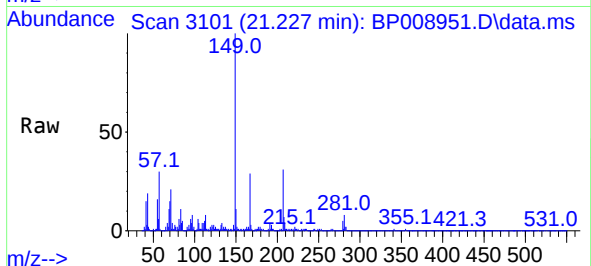




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.791 ng
RT: 21.227 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Instrument :
BNA_P
ClientSampleId :
S-1

Tgt Ion:149 Resp: 394294
Ion Ratio Lower Upper
149 100
167 28.9 25.0 37.4
279 4.8 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3526
Delta R.T. -0.024 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Tgt Ion:264 Resp: 1326090
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.0 17.1 25.7

