

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)

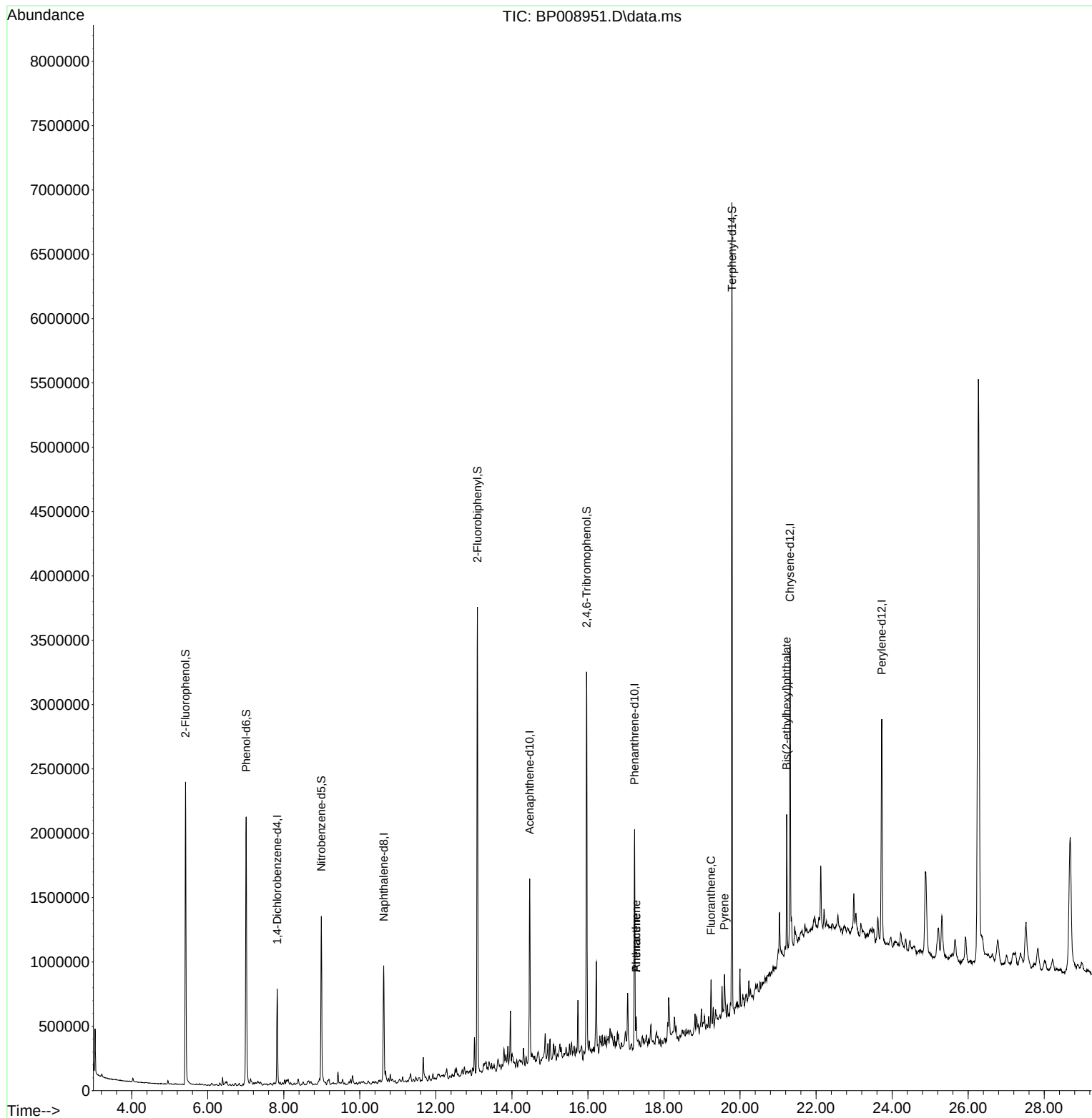
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	218380	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	809421	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	510228	20.000	ng	-0.01
64) Phenanthrene-d10	17.227	188	1052489	20.000	ng	-0.01
76) Chrysene-d12	21.315	240	1164475	20.000	ng	-0.02
86) 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
72) Anthracene	17.269	178	151823	2.554	ng	97
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

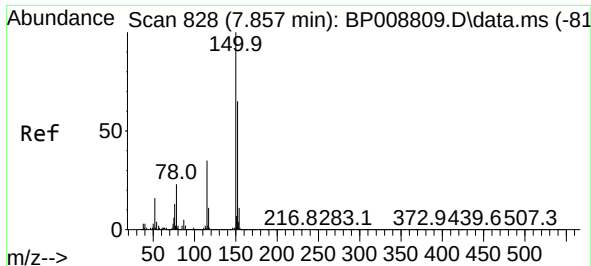
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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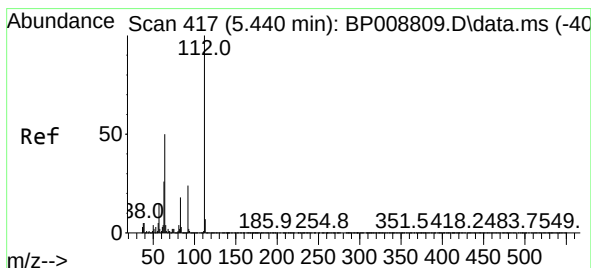
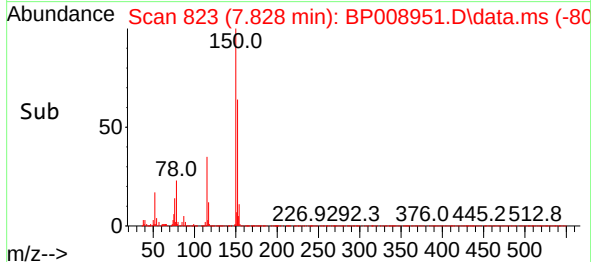
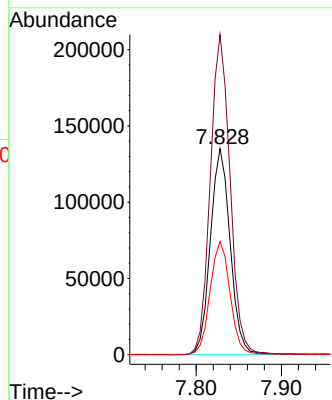
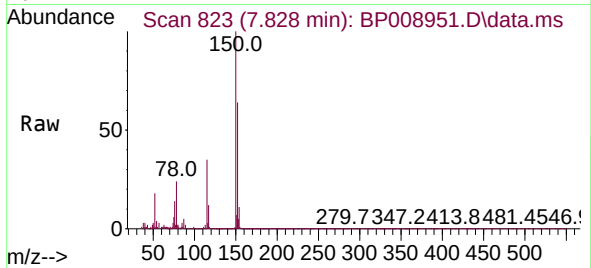




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

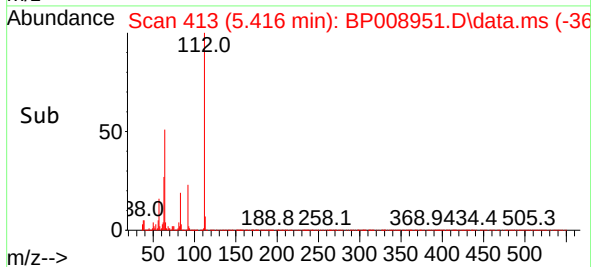
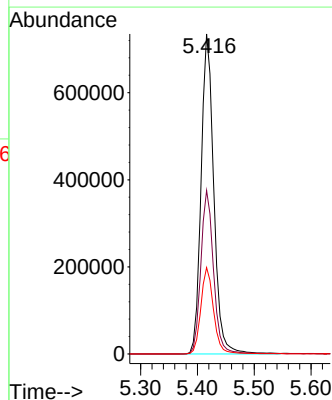
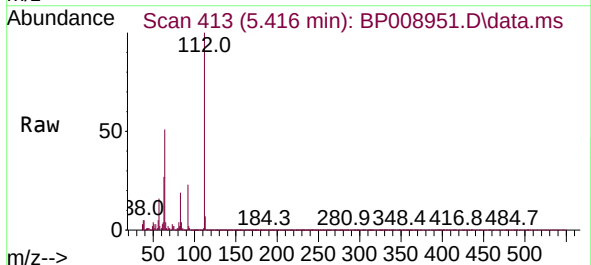
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BNA_P
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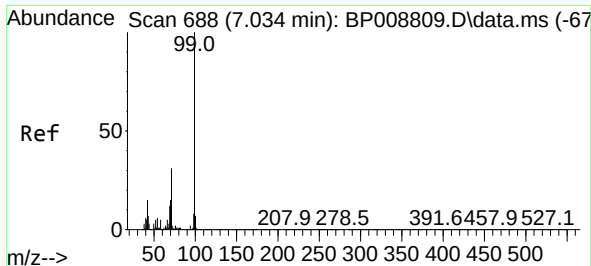
Tgt Ion:152 Resp: 218380
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 54.9 43.7 65.5



#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

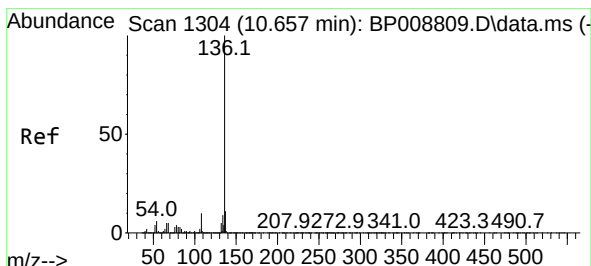
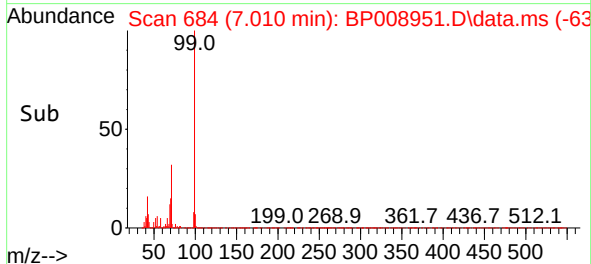
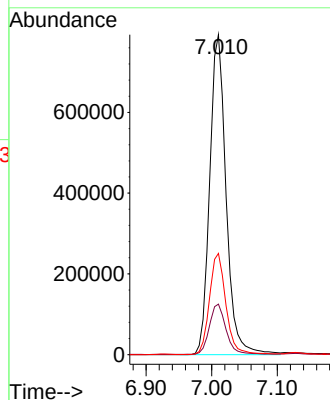
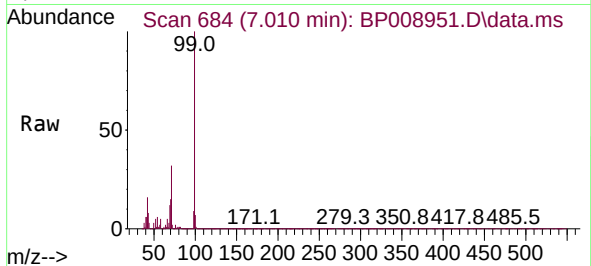




#7
Phenol-d6
Concen: 80.651 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

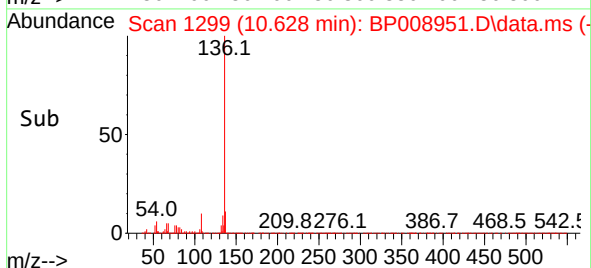
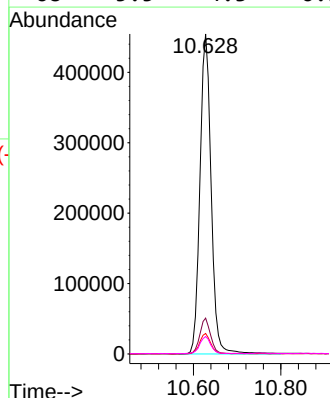
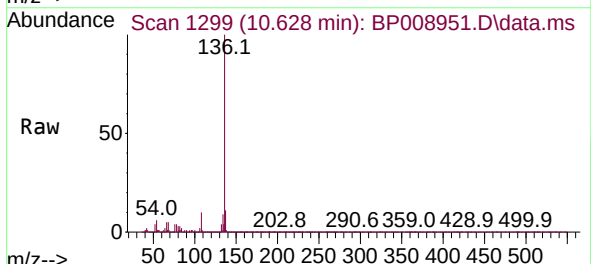
Instrument :
BNA_P
ClientSampleId :
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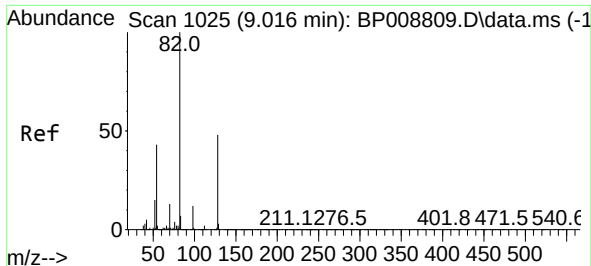
Tgt Ion: 99 Resp: 1379177
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 31.7 23.8 35.6



#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

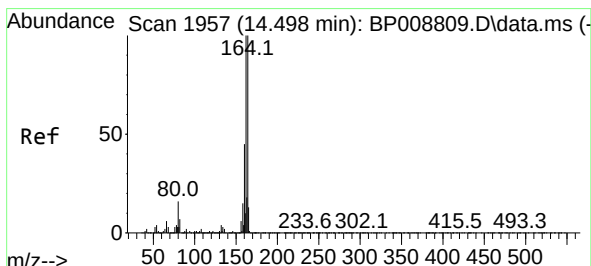
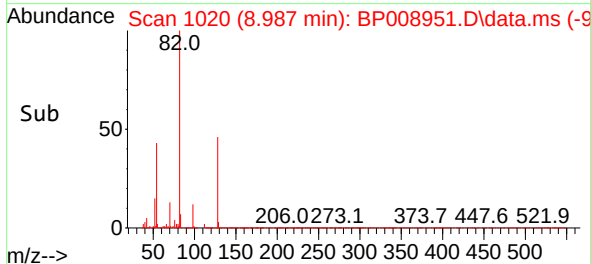
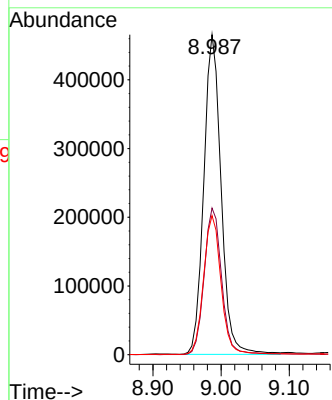
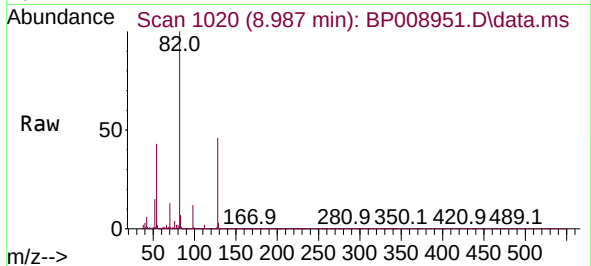




#23
Nitrobenzene-d5
Concen: 57.714 ng
RT: 8.987 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

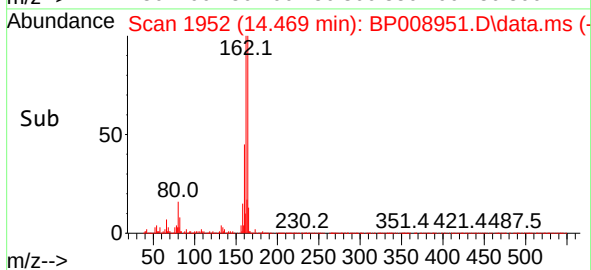
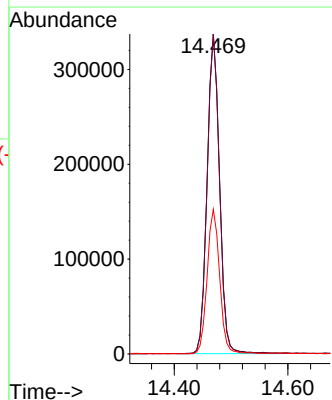
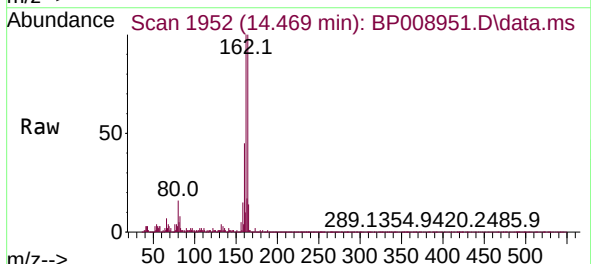
Instrument :
BNA_P
ClientSampleId :
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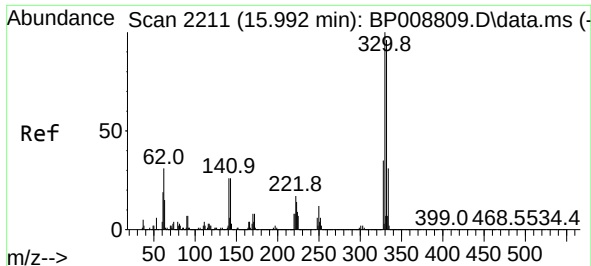
Tgt Ion: 82 Resp: 822836
Ion Ratio Lower Upper
82 100
128 45.8 39.4 59.2
54 43.5 32.6 48.8



#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

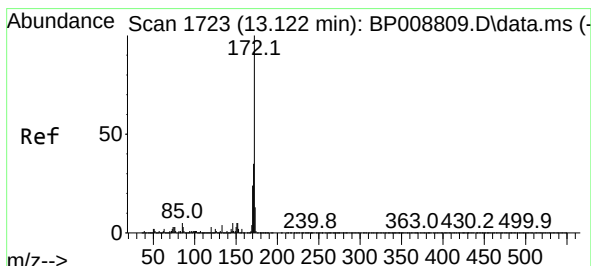
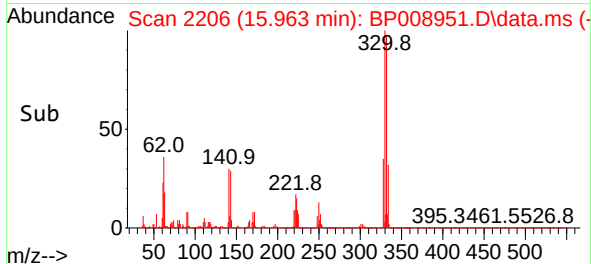
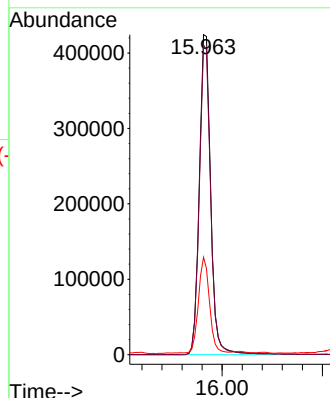
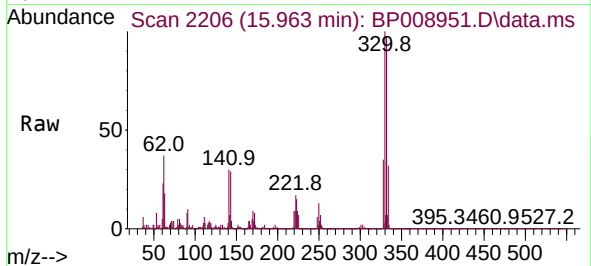




#42
2,4,6-Tribromophenol
Concen: 89.614 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

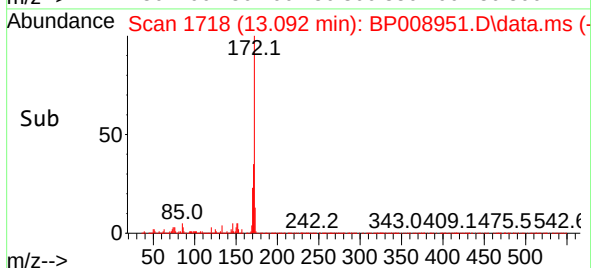
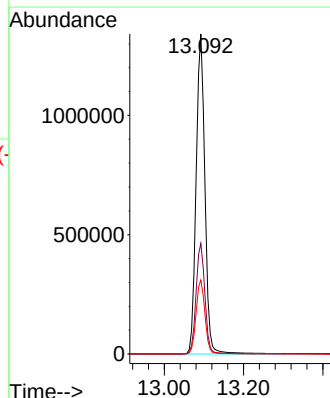
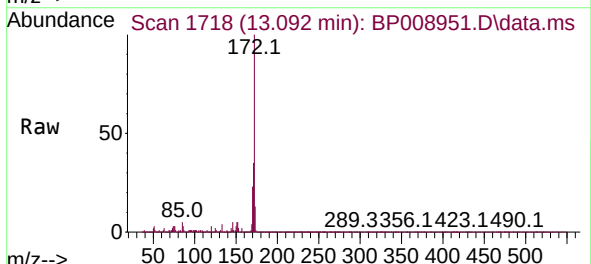
Instrument :
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ClientSampleId :
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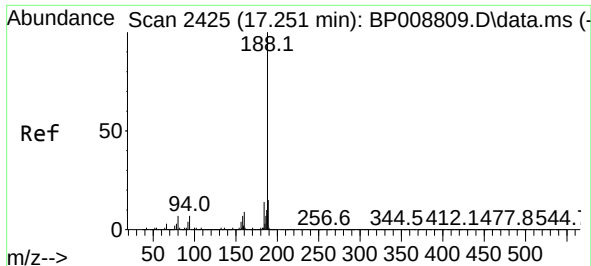
Tgt Ion:330 Resp: 665553
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 29.2 21.3 31.9



#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

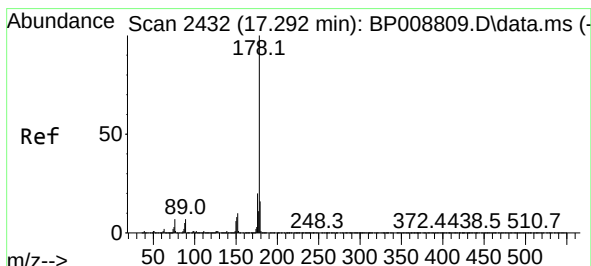
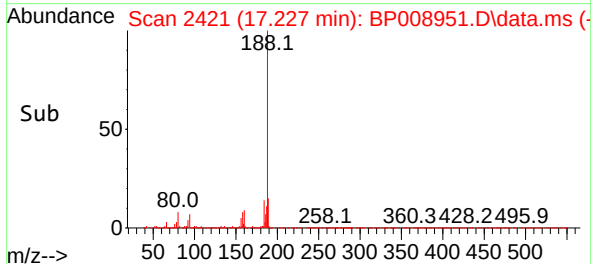
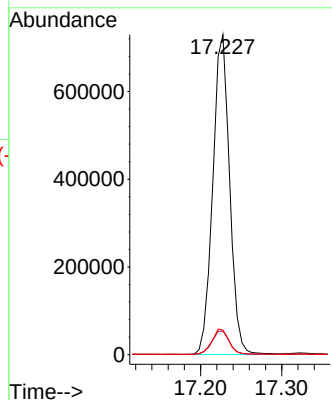
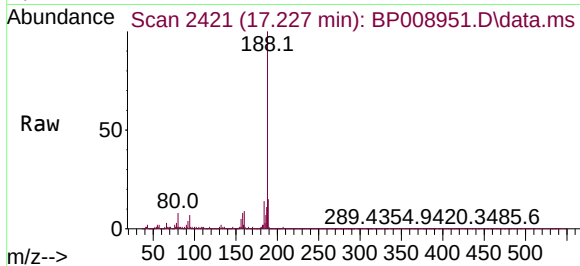




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

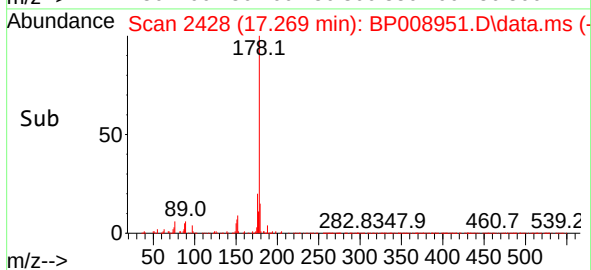
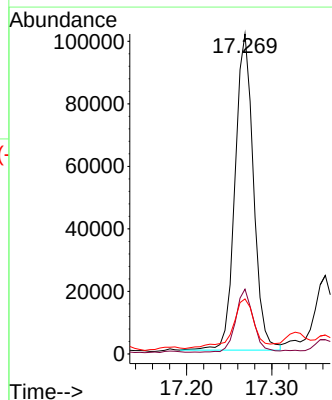
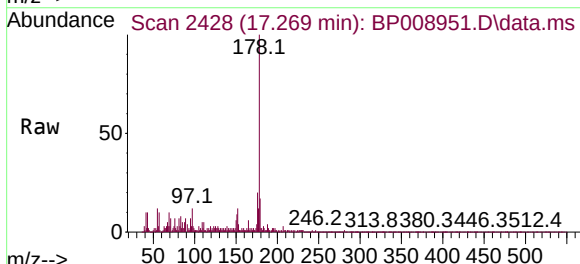
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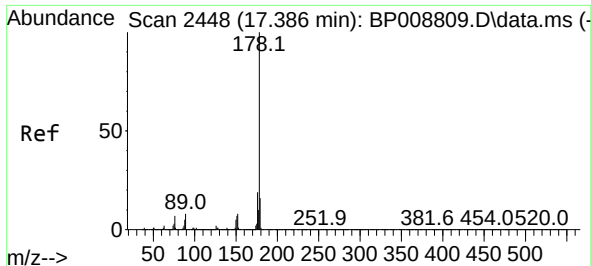
Tgt Ion:188 Resp: 1052489
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.7 7.2 10.8



#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

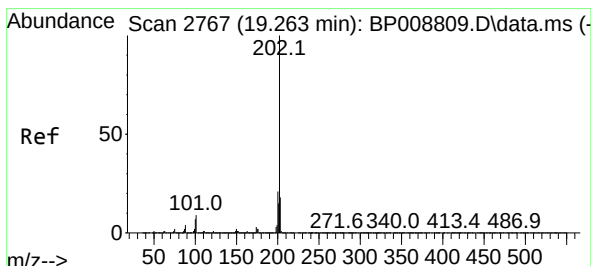
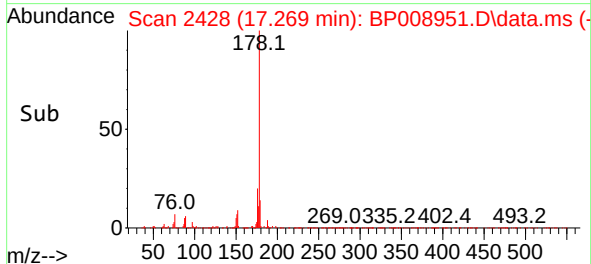
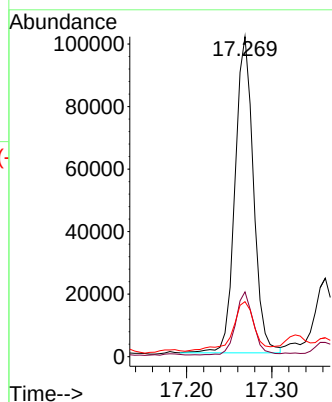
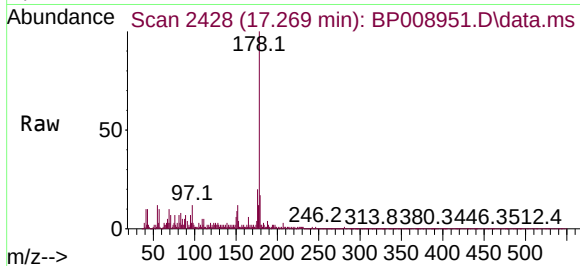




#72
 Anthracene
 Concen: 2.554 ng
 RT: 17.269 min Scan# 2448
 Delta R.T. -0.106 min
 Lab File: BP008951.D
 Acq: 27 Jan 2022 18:04

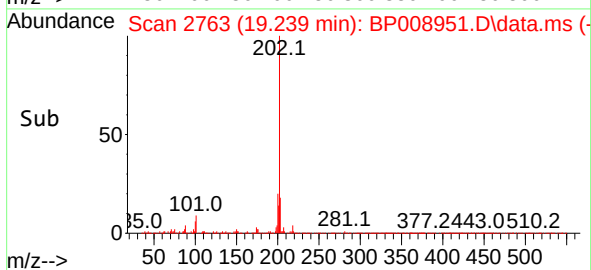
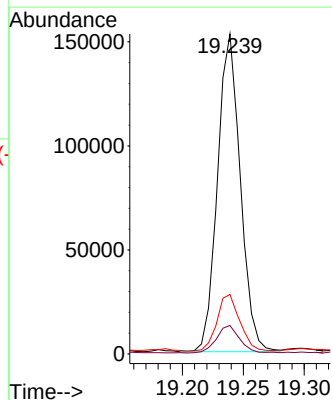
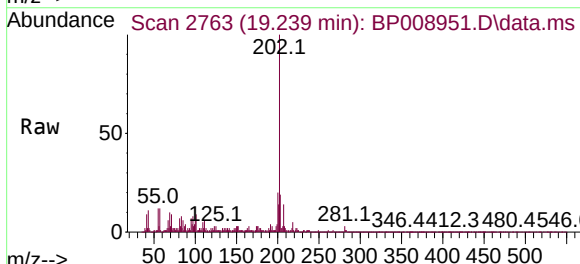
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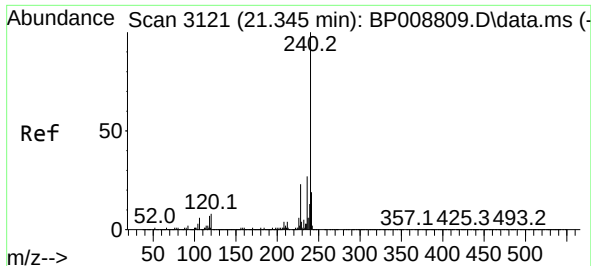
Tgt Ion:178 Resp: 151823
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.1 22.7
 179 17.2 12.8 19.2



#75
 Fluoranthene
 Concen: 3.026 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.012 min
 Lab File: BP008951.D
 Acq: 27 Jan 2022 18:04

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

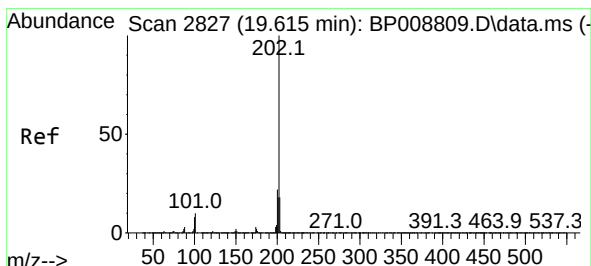
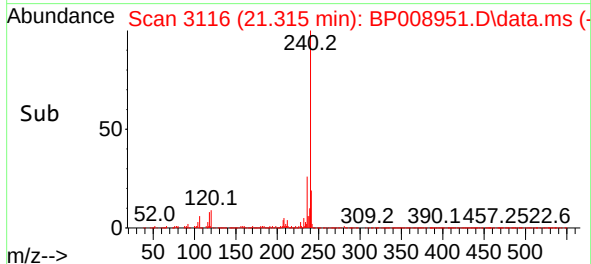
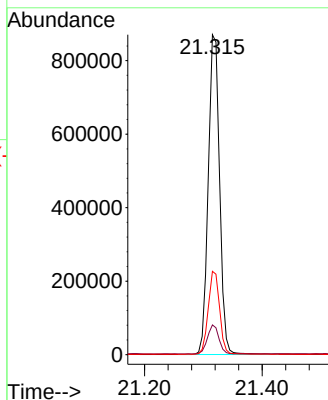
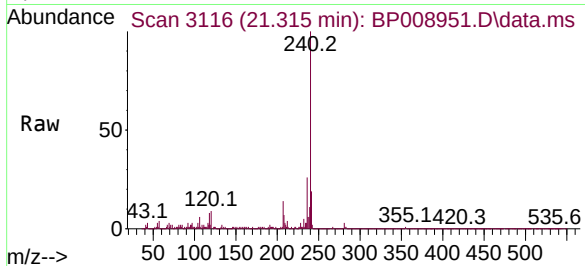




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 3121
Delta R.T. -0.018 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

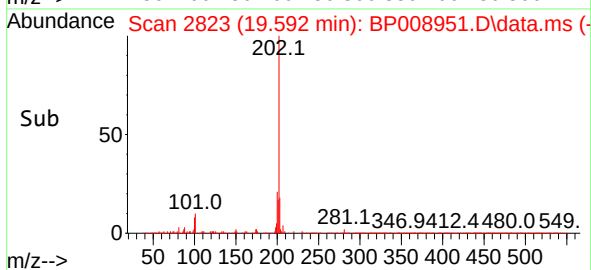
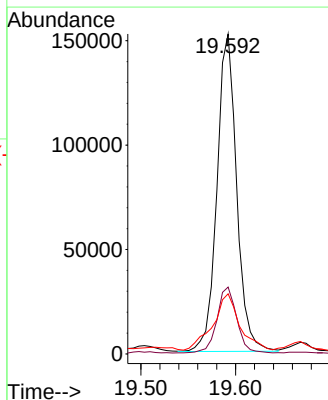
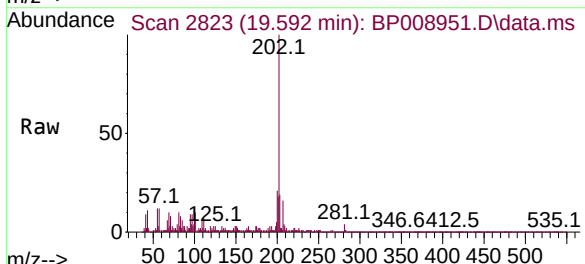
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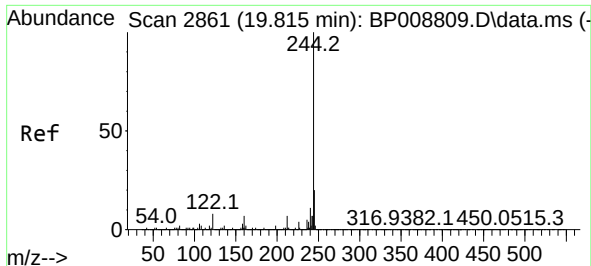
Tgt Ion:240 Resp: 1164475
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.1 21.2 31.8



#78
Pyrene
Concen: 2.706 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

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

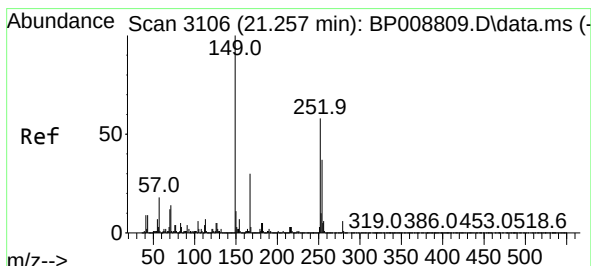
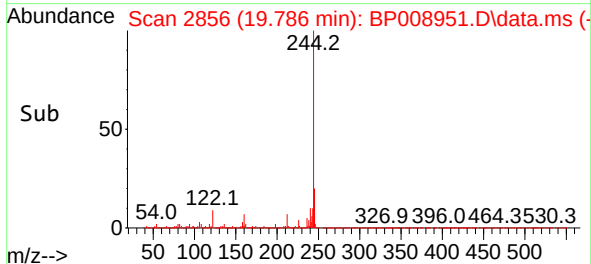
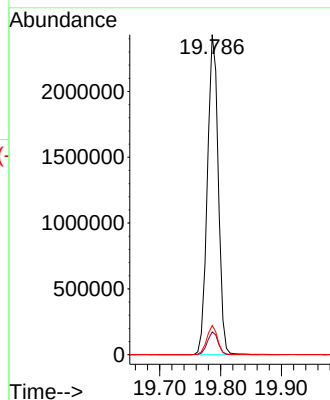
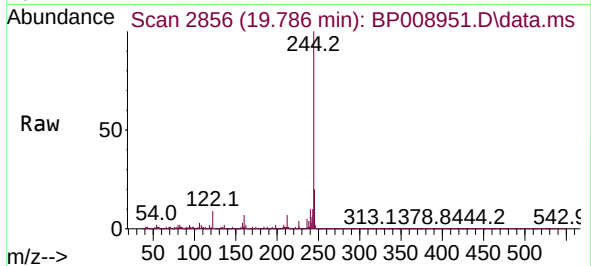




#79
 Terphenyl-d14
 Concen: 43.750 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP008951.D
 Acq: 27 Jan 2022 18:04

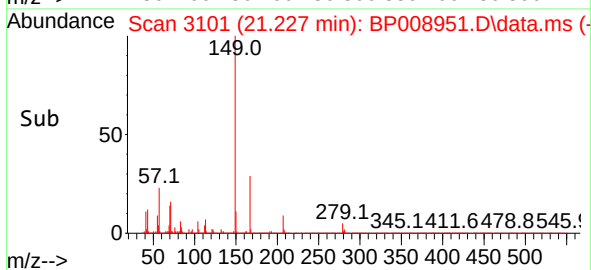
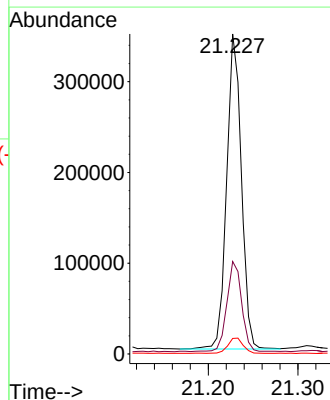
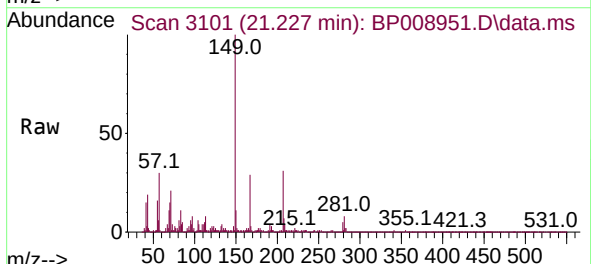
Instrument :
 BNA_P
 ClientSampleId :
 S-1

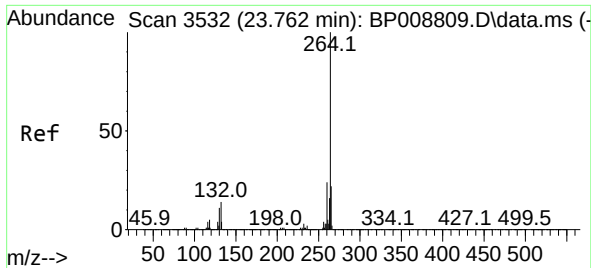
Tgt Ion:244 Resp: 3018211
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.1 9.2 13.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.791 ng
 RT: 21.227 min Scan# 3101
 Delta R.T. -0.018 min
 Lab File: BP008951.D
 Acq: 27 Jan 2022 18:04

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# 31
Delta R.T. -0.024 min
Lab File: BP008951.D
Acq: 27 Jan 2022 18:04

Instrument :
BNA_P
ClientSampleId :
S-1

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

