

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008607.D
 Acq On : 30 Dec 2021 13:23
 Operator : CG/JU
 Sample : M5210-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124027

Quant Time: Dec 30 14:08:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

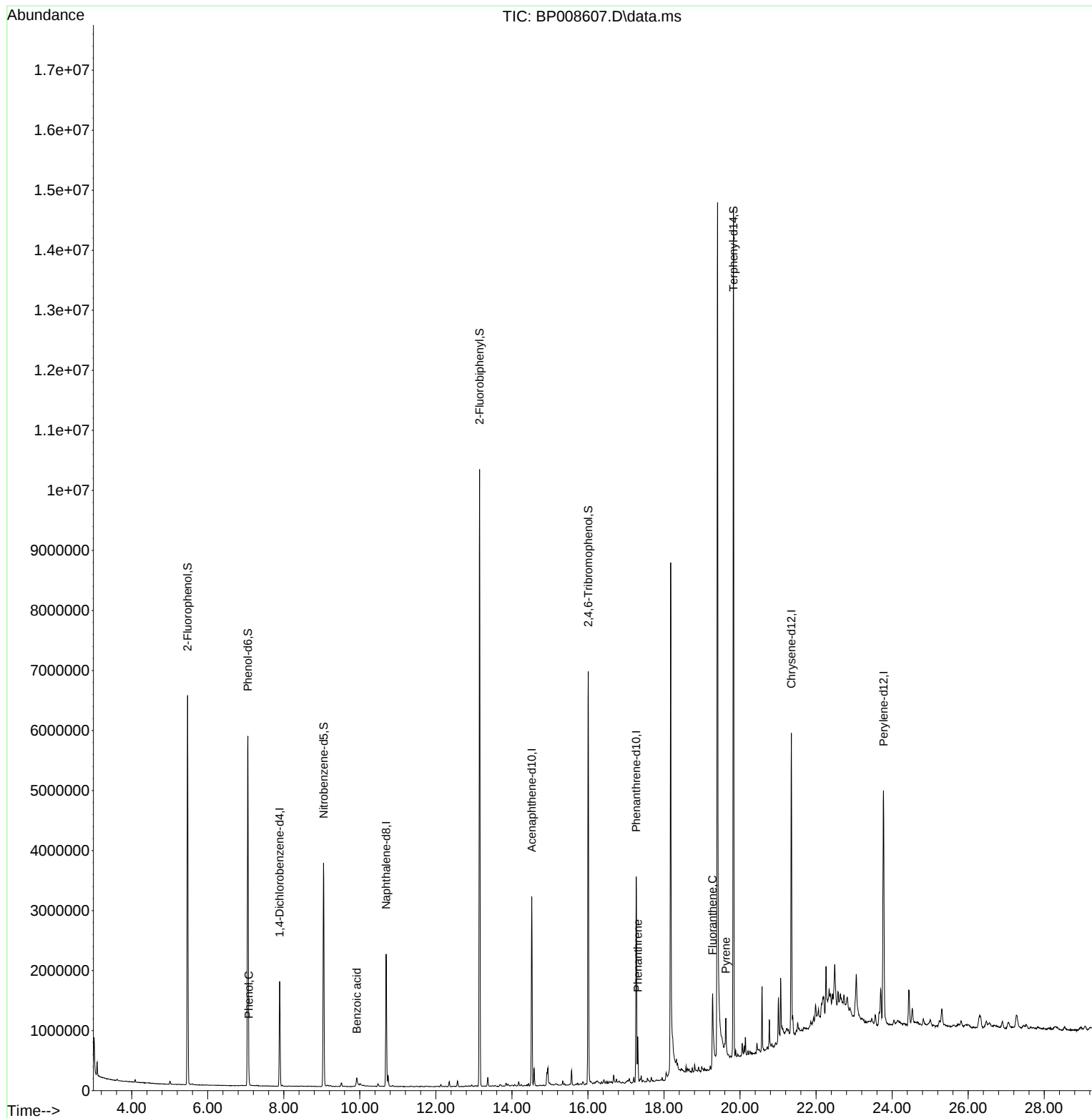
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	529933	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1944696	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1143165	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2182517	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2518196	20.000	ng	-0.01
86) Perylene-d12	23.774	264	3168575	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3145063	108.327	ng	0.00
7) Phenol-d6	7.057	99	3752498	92.857	ng	0.00
23) Nitrobenzene-d5	9.046	82	2214206	67.733	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1523618	98.510	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	5633668	71.400	ng	0.00
79) Terphenyl-d14	19.827	244	7185166	58.258	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.081	94	84776	2.078	ng	91
32) Benzoic acid	9.922	122	102024	6.054	ng	96
71) Phenanthrene	17.310	178	478874	4.070	ng	98
75) Fluoranthene	19.274	202	429627	3.174	ng	98
78) Pyrene	19.627	202	333447	2.035	ng	97

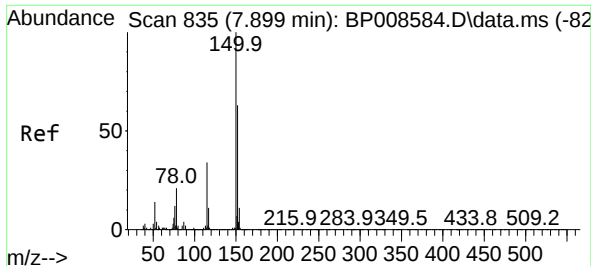
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

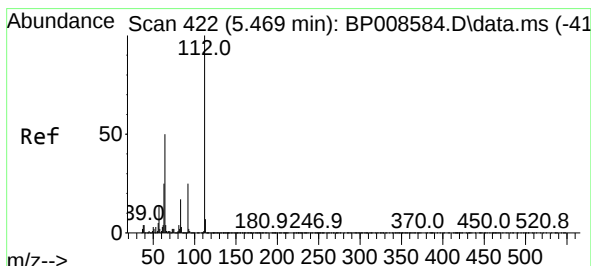
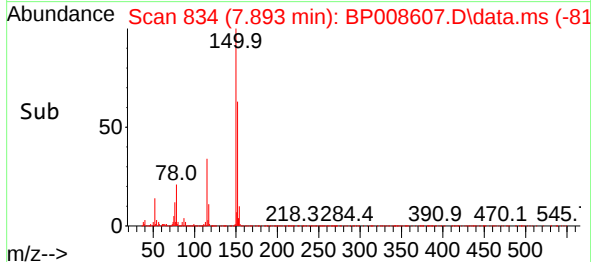
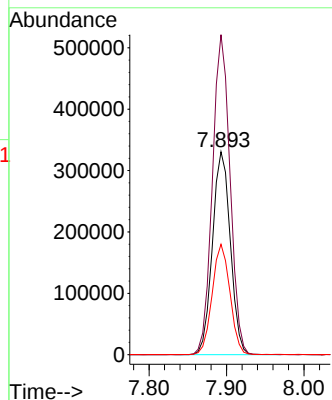
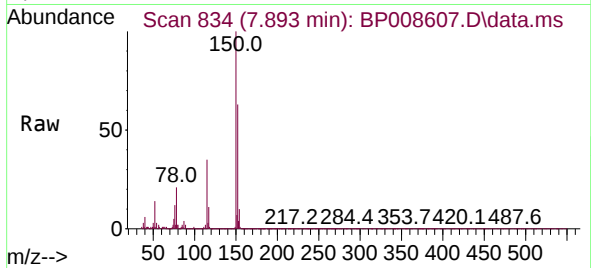




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

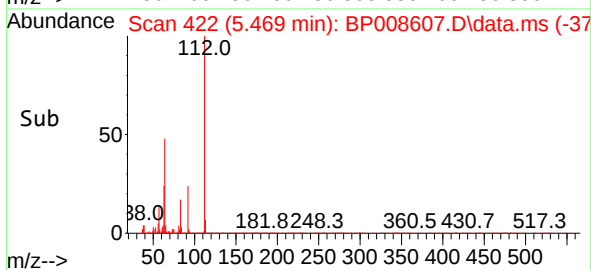
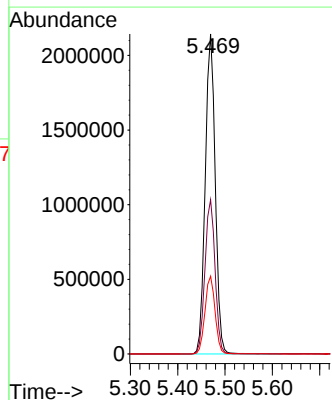
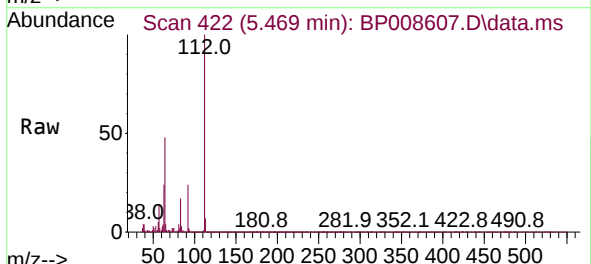
Instrument :
BNA_P
ClientSampleId :
124027

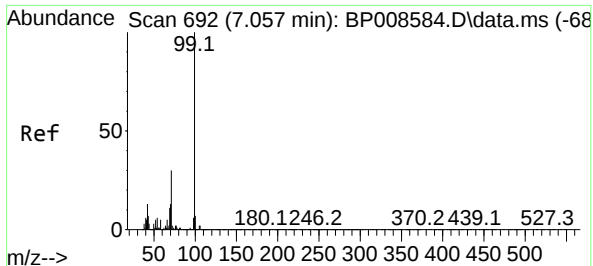
Tgt Ion:152 Resp: 529933
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 54.5 43.7 65.5



#5
2-Fluorophenol
Concen: 108.327 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:112 Resp: 3145063
Ion Ratio Lower Upper
112 100
64 48.2 39.7 59.5
63 24.3 20.0 30.0



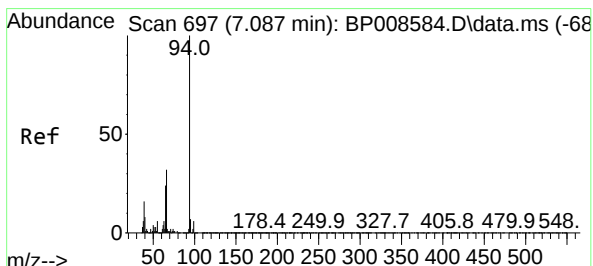
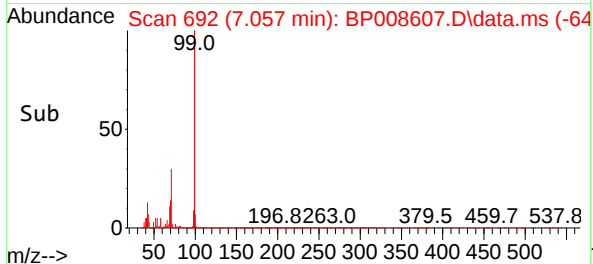
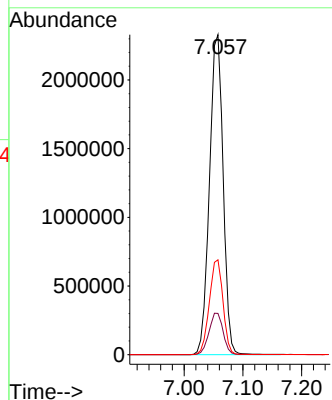
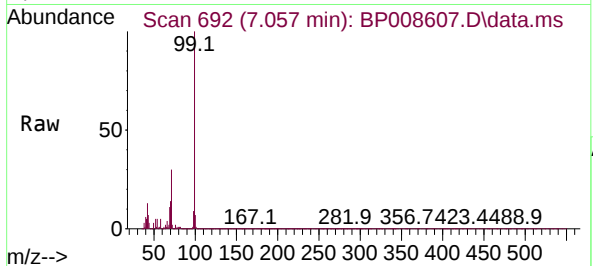


#7
Phenol-d6
Concen: 92.857 ng
RT: 7.057 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Instrument :
BNA_P
ClientSampleId :
124027

Tgt Ion: 99 Resp: 3752498

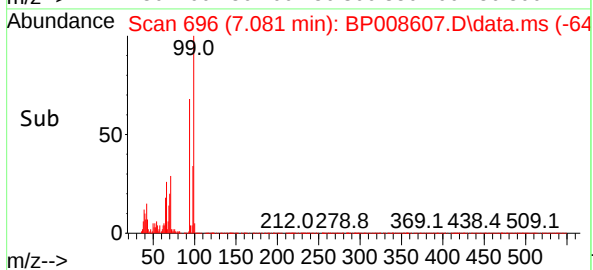
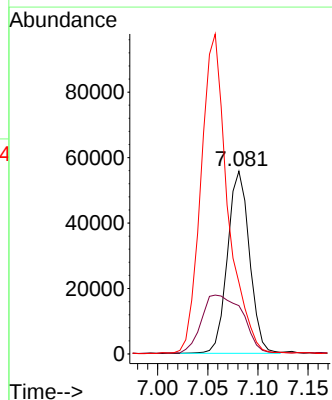
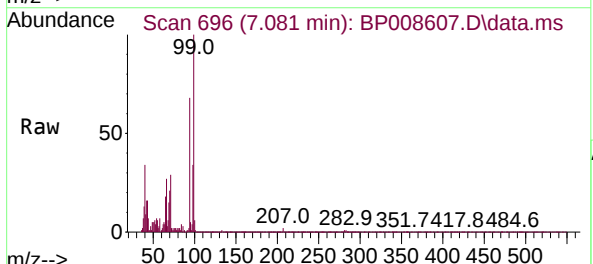
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.8	16.2
71	29.7	23.8	35.6

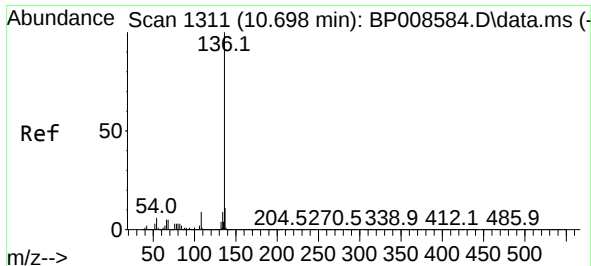


#10
Phenol
Concen: 2.078 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion: 94 Resp: 84776

Ion	Ratio	Lower	Upper
94	100		
65	26.5	4.1	44.1
66	39.1	12.4	52.4



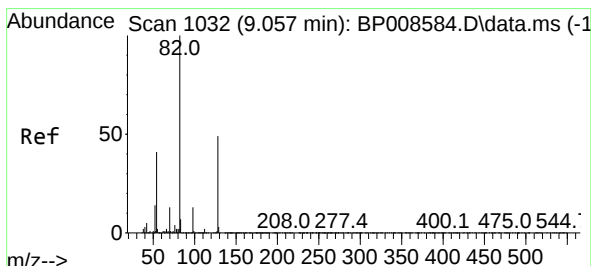
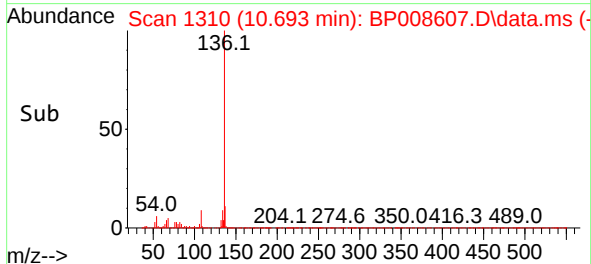
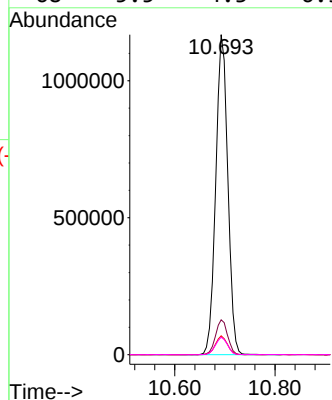
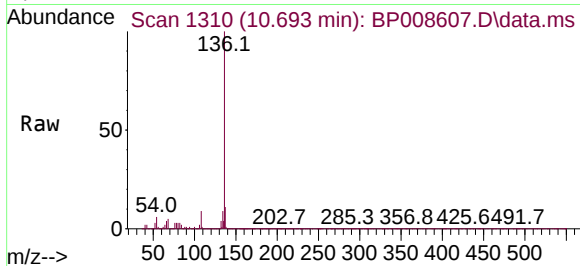


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Instrument :
BNA_P
ClientSampleId :
124027

Tgt Ion:136 Resp: 1944696

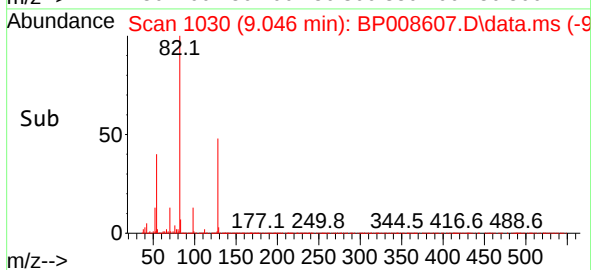
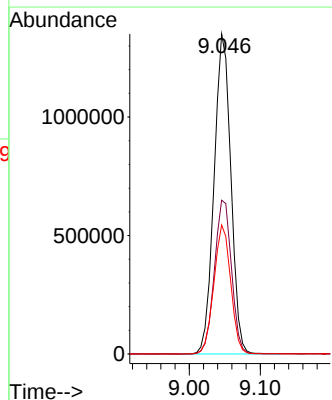
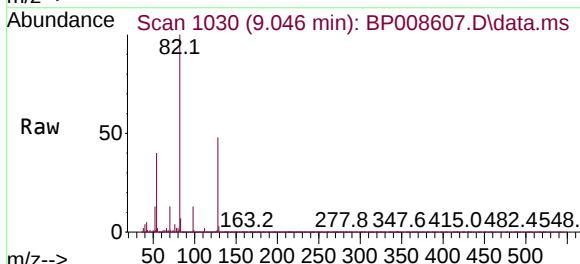
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.9	4.9	7.3
68	5.5	4.3	6.5

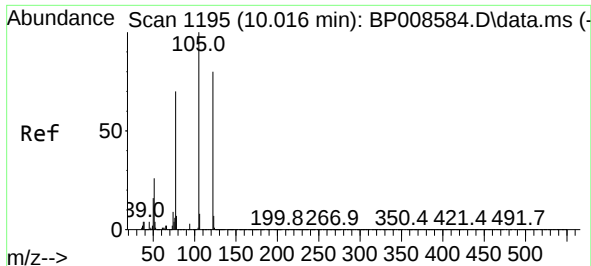


#23
Nitrobenzene-d5
Concen: 67.733 ng
RT: 9.046 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion: 82 Resp: 2214206

Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.4	59.2
54	40.3	32.6	48.8

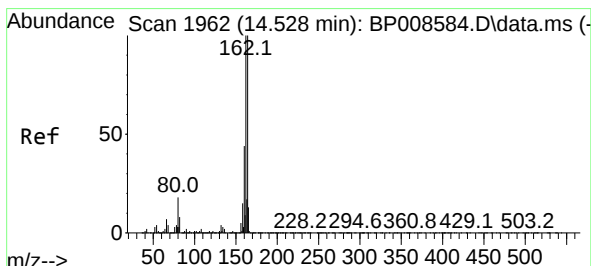
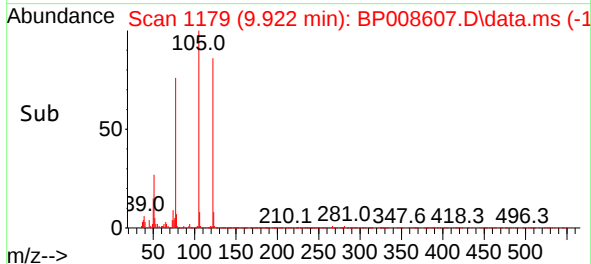
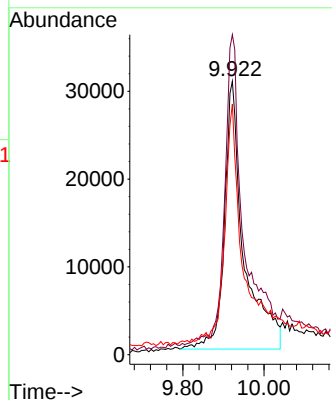
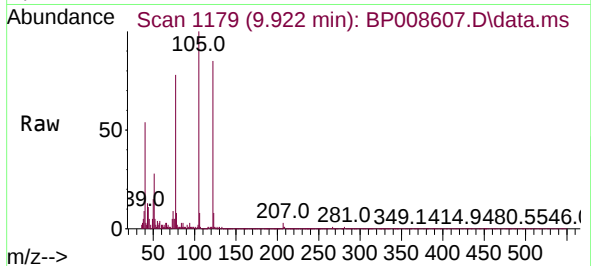




#32
Benzoic acid
Concen: 6.054 ng
RT: 9.922 min Scan# 1195
Delta R.T. -0.094 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

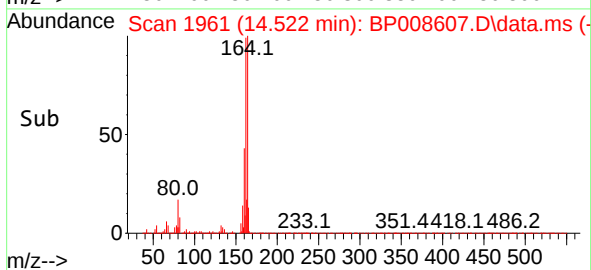
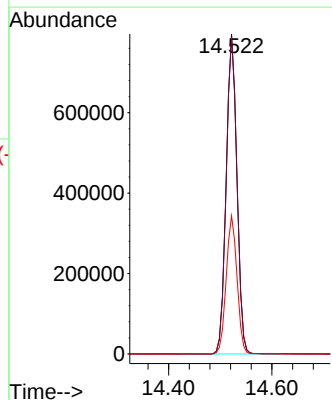
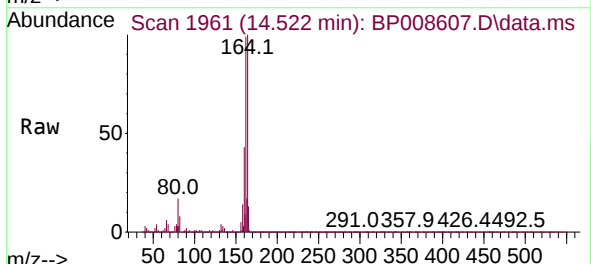
Instrument :
BNA_P
ClientSampleId :
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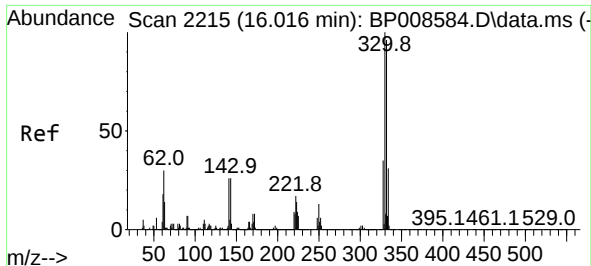
Tgt Ion:122 Resp: 102024
Ion Ratio Lower Upper
122 100
105 117.0 100.1 140.1
77 91.6 65.5 105.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:164 Resp: 1143165
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.2 35.5 53.3

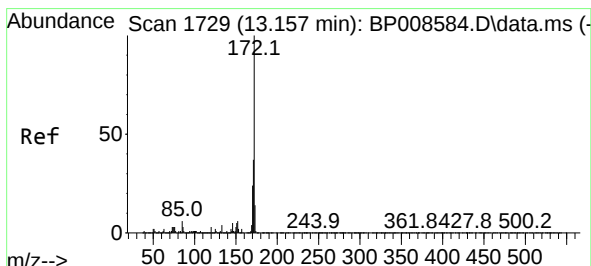
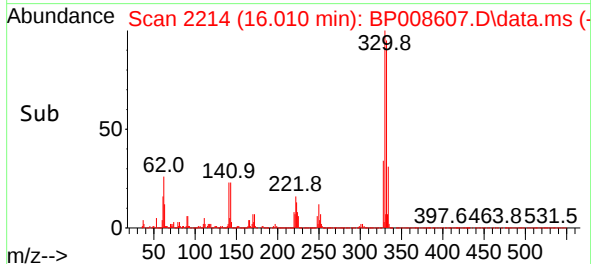
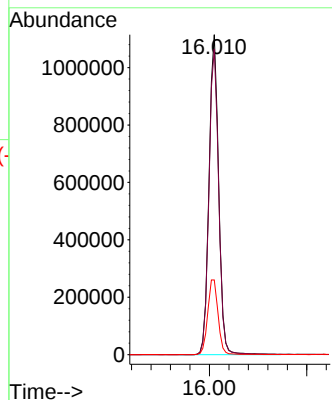
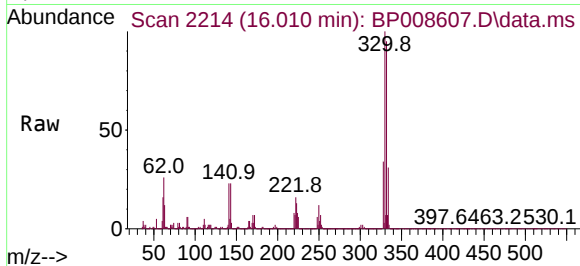




#42
2,4,6-Tribromophenol
Concen: 98.510 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

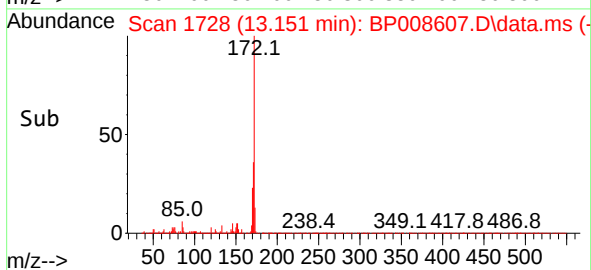
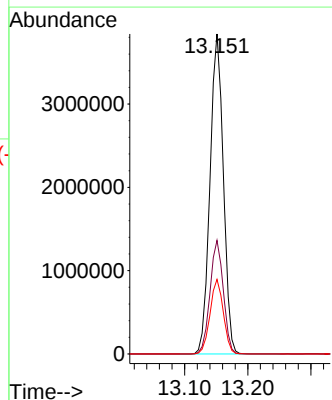
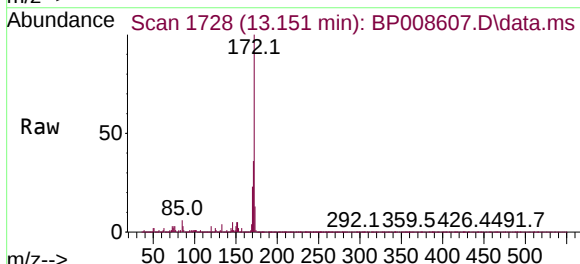
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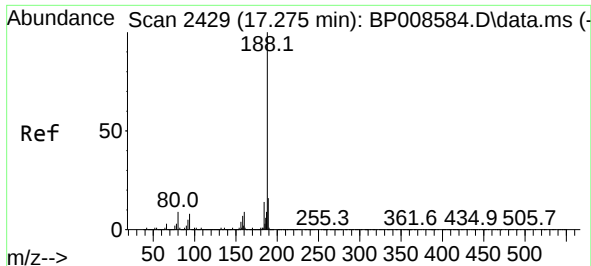
Tgt Ion:330 Resp: 1523618
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 25.1 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 71.400 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:172 Resp: 5633668
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.3 19.5 29.3

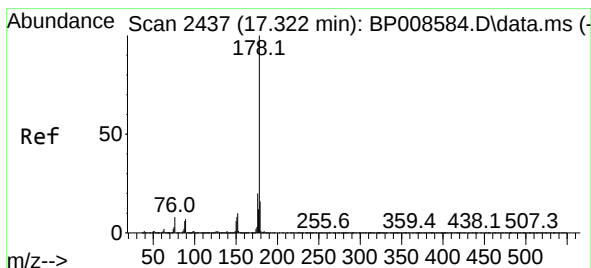
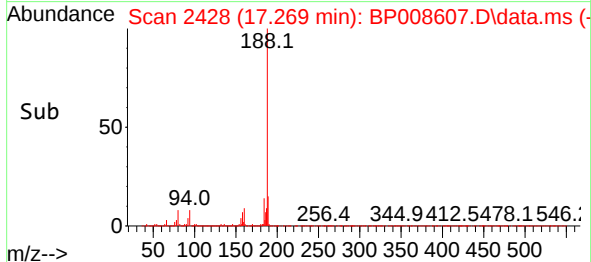
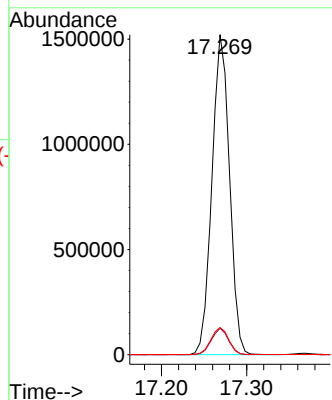
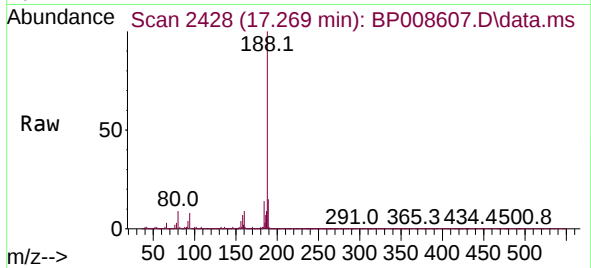




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

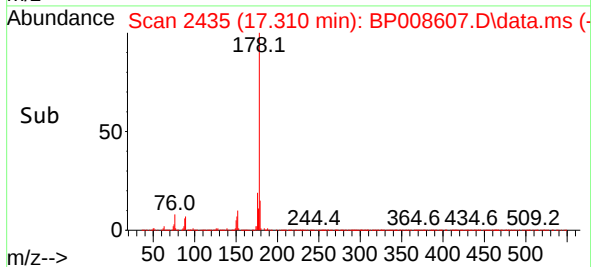
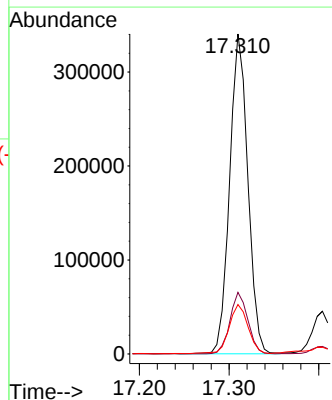
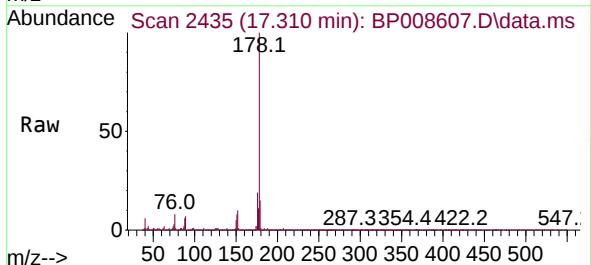
Instrument :
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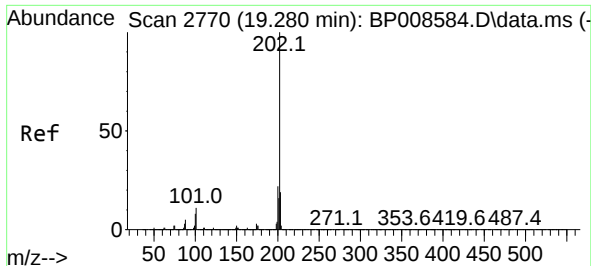
Tgt Ion:188 Resp: 2182517
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.5 7.2 10.8



#71
Phenanthrene
Concen: 4.070 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:178 Resp: 478874
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.4 13.0 19.4

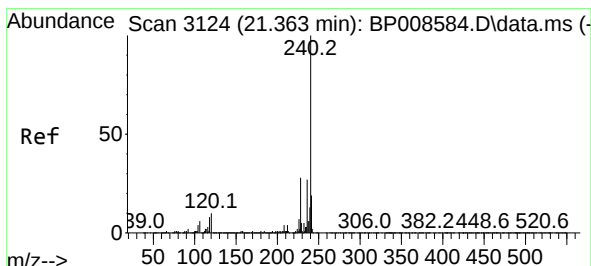
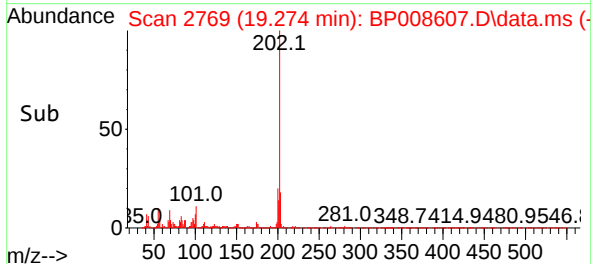
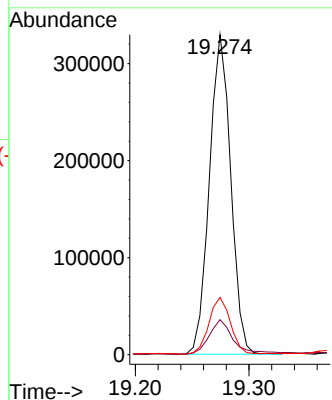
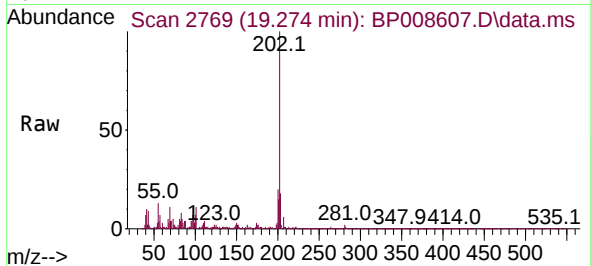




#75
Fluoranthene
Concen: 3.174 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

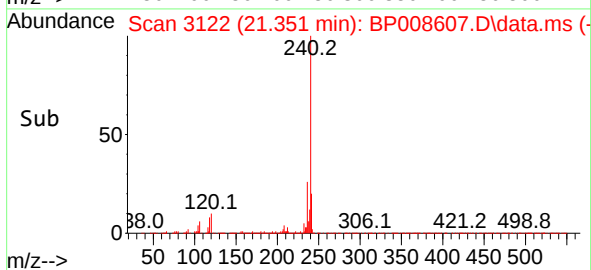
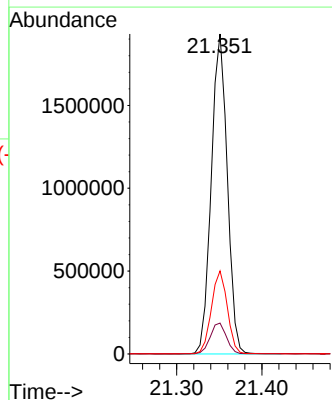
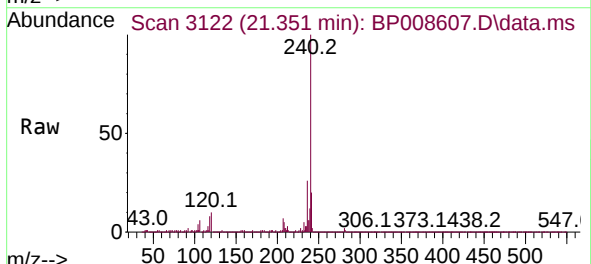
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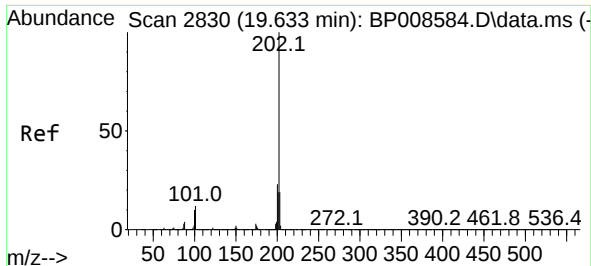
Tgt Ion:202 Resp: 429627
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.9 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:240 Resp: 2518196
Ion Ratio Lower Upper
240 100
120 9.7 7.7 11.5
236 26.0 21.2 31.8

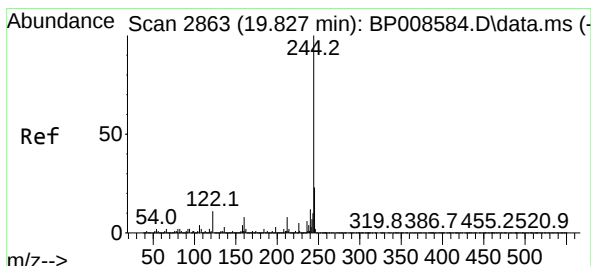
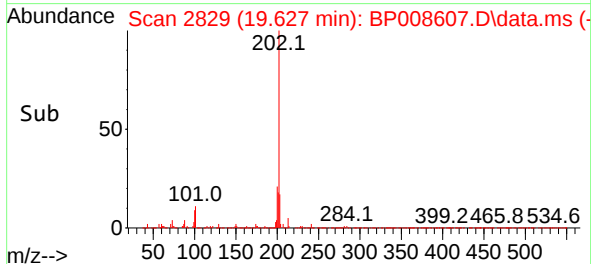
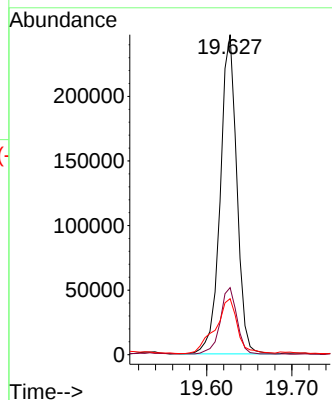
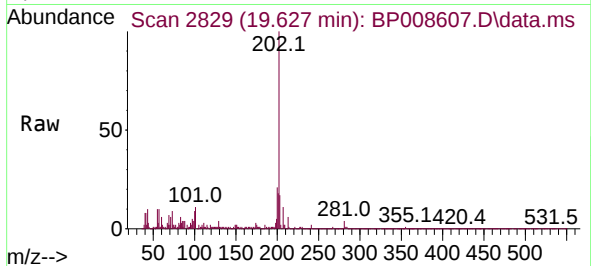




#78
Pyrene
Concen: 2.035 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

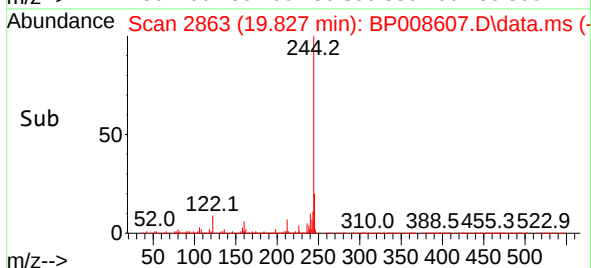
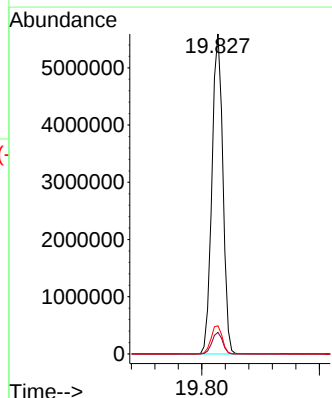
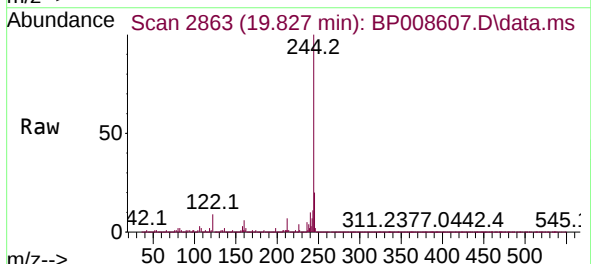
Instrument :
BNA_P
ClientSampleId :
124027

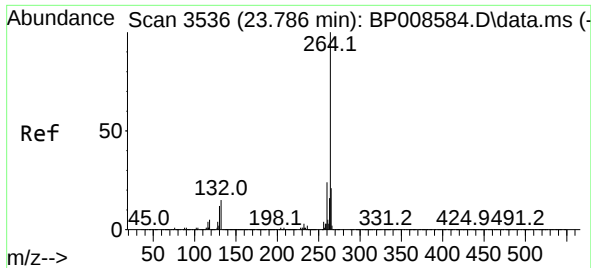
Tgt Ion:202 Resp: 333447
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.5 15.0 22.6



#79
Terphenyl-d14
Concen: 58.258 ng
RT: 19.827 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:244 Resp: 7185166
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 8.8 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008607.D
 Acq: 30 Dec 2021 13:23

Instrument :
 BNA_P
 ClientSampleId :
 124027

Tgt Ion:264 Resp: 3168575
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.0 17.1 25.7

