

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008236.D
 Acq On : 06 Dec 2021 19:18
 Operator : CG/JU
 Sample : M4932-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM1-2

Quant Time: Dec 07 05:11:29 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)

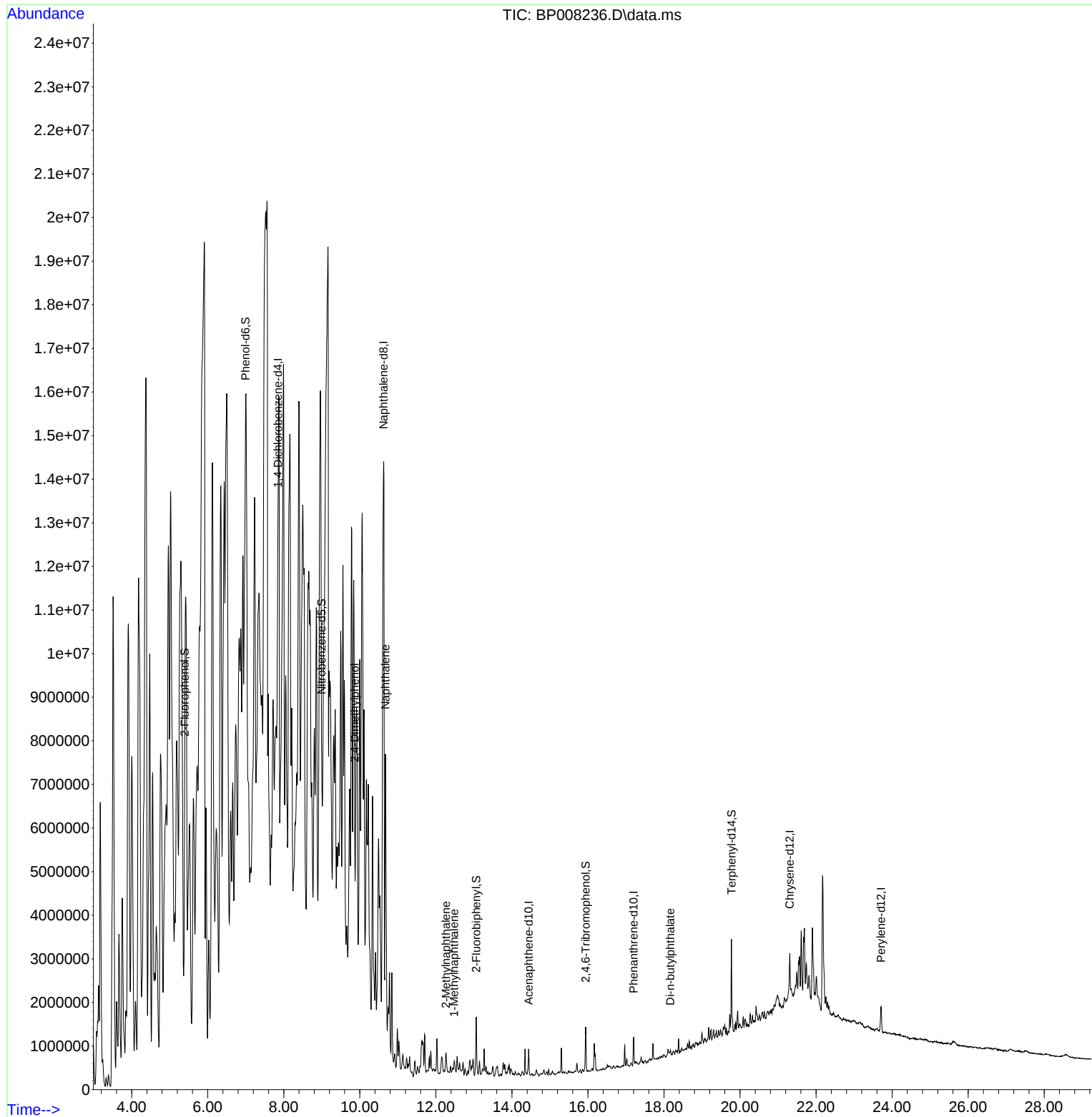
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	53413	20.000	ng	0.05
21) Naphthalene-d8	10.622	136	224676	20.000	ng	# 0.02
39) Acenaphthene-d10	14.439	164	184469	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	379996	20.000	ng	0.00
76) Chrysene-d12	21.310	240	415098	20.000	ng	0.00
86) Perylene-d12	23.709	264	464383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	325752	98.195	ng	0.00
7) Phenol-d6	6.993	99	224546	50.142	ng	0.00
23) Nitrobenzene-d5	8.993	82	741161	150.007	ng	0.03
42) 2,4,6-Tribromophenol	15.939	330	202482	85.877	ng	-0.01
45) 2-Fluorobiphenyl	13.063	172	580467	45.707	ng	0.00
79) Terphenyl-d14	19.774	244	915573	46.097	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.863	122	147747	47.787	ng	# 61
31) Naphthalene	10.675	128	2646090	229.905	ng	# 92
37) 2-Methylnaphthalene	12.263	142	114781	14.100	ng	# 90
38) 1-Methylnaphthalene	12.481	142	95930	12.107	ng	# 97
74) Di-n-butylphthalate	18.169	149	73396	3.017	ng	# 91

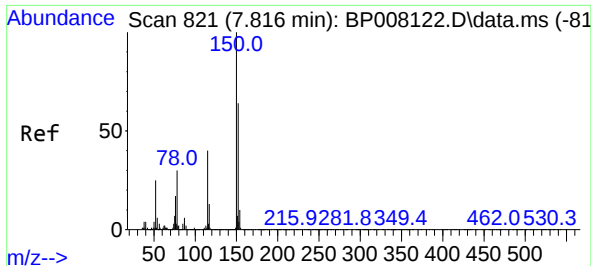
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
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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

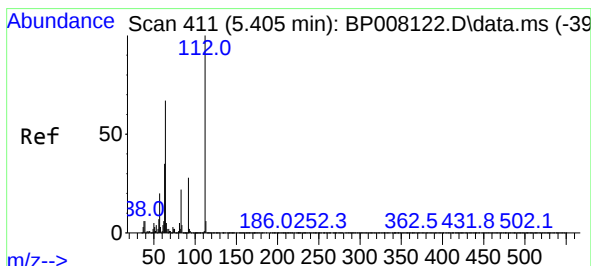
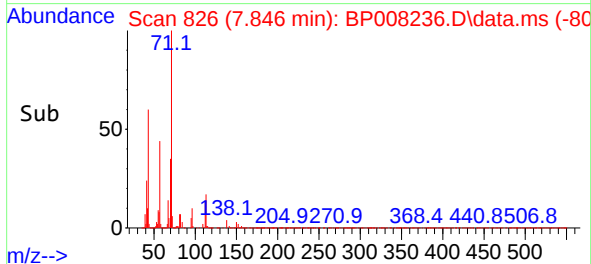
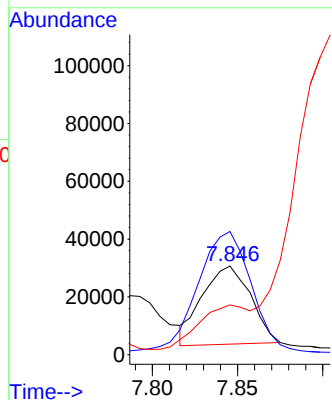
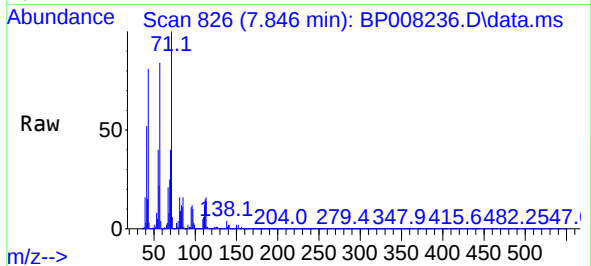




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.047 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

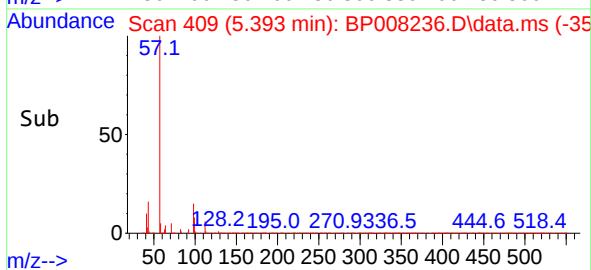
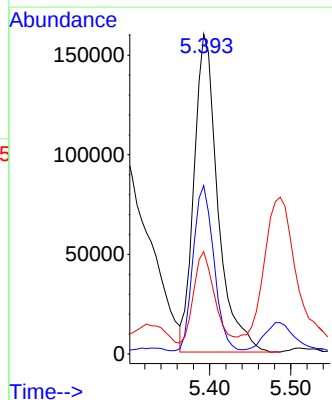
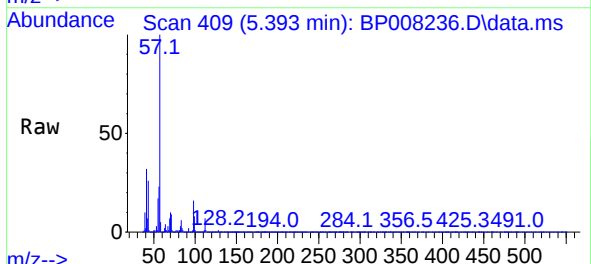
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

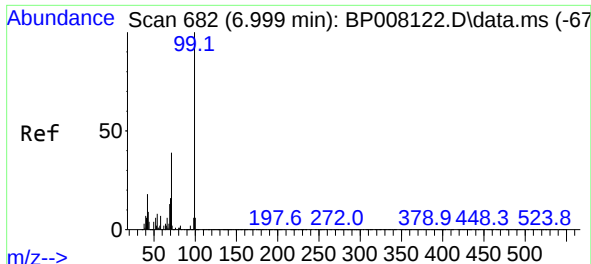
Tgt Ion:152 Resp: 53413
Ion Ratio Lower Upper
152 100
150 139.0 125.7 188.5
115 56.2 50.7 76.1



#5
2-Fluorophenol
Concen: 98.195 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion:112 Resp: 325752
Ion Ratio Lower Upper
112 100
64 52.6 53.4 80.2#
63 31.9 27.8 41.8

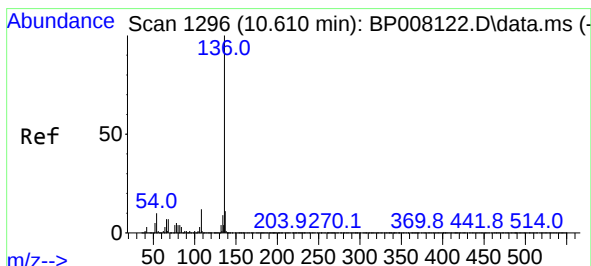
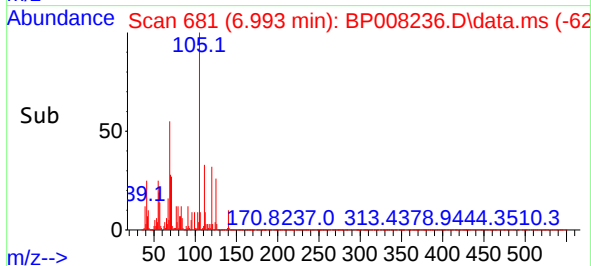
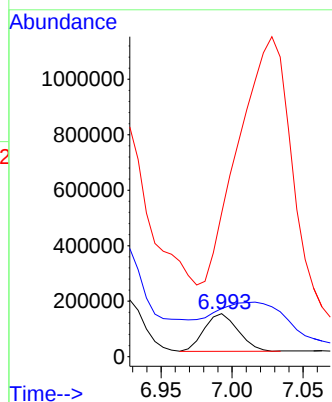
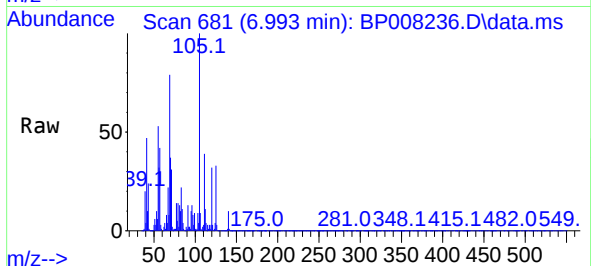




#7
Phenol-d6
Concen: 50.142 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

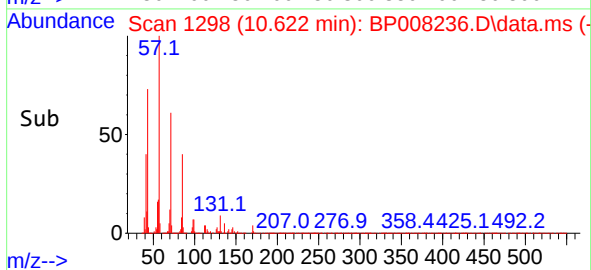
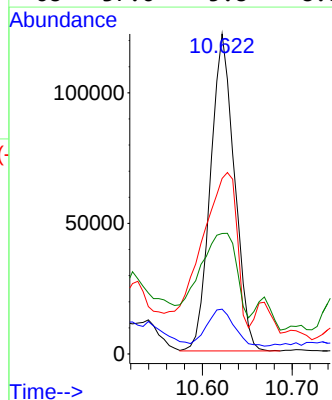
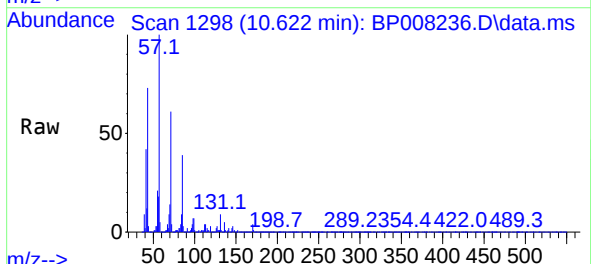
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

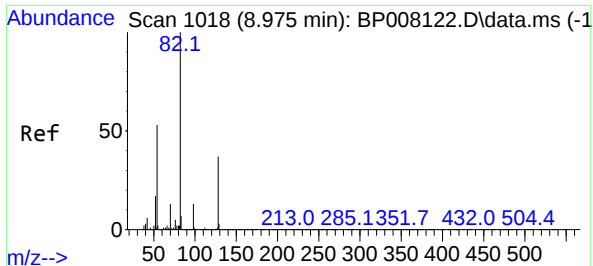
Tgt Ion: 99 Resp: 224546
Ion Ratio Lower Upper
99 100
42 112.2 14.6 22.0#
71 334.0 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. 0.023 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion: 136 Resp: 224676
Ion Ratio Lower Upper
136 100
137 14.0 9.0 13.6#
54 54.8 8.2 12.4#
68 37.6 5.8 8.8#

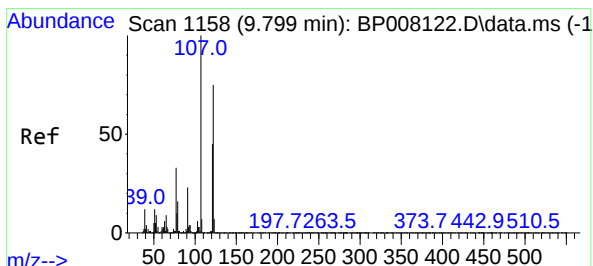
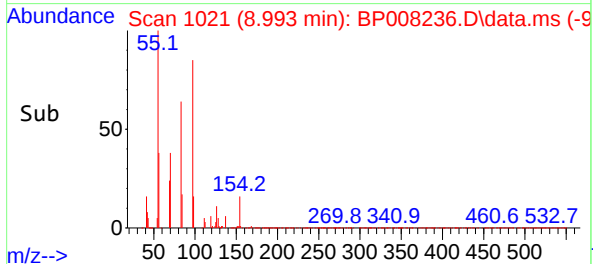
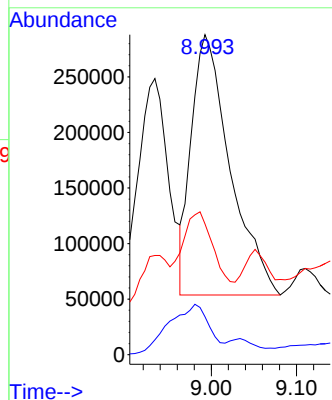
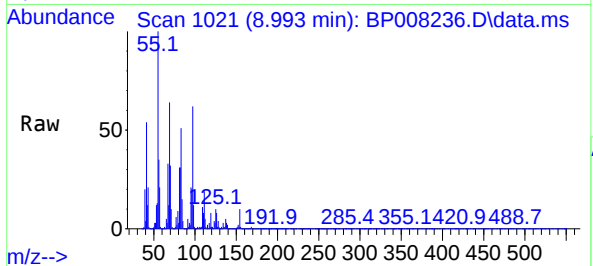




#23
Nitrobenzene-d5
Concen: 150.007 ng
RT: 8.993 min Scan# 1169
Delta R.T. 0.029 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

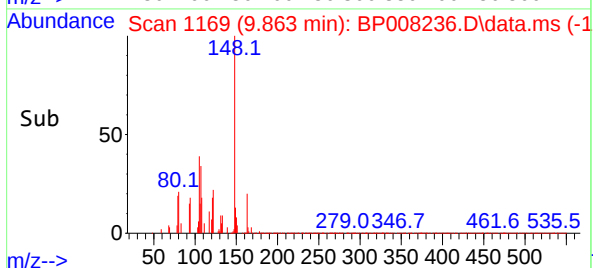
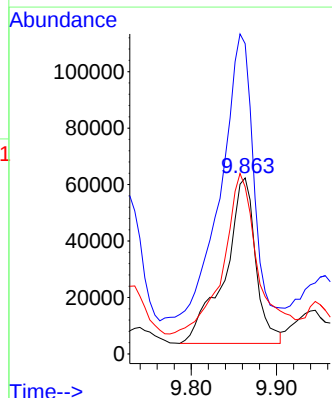
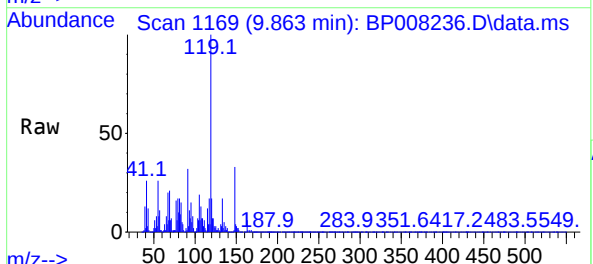
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

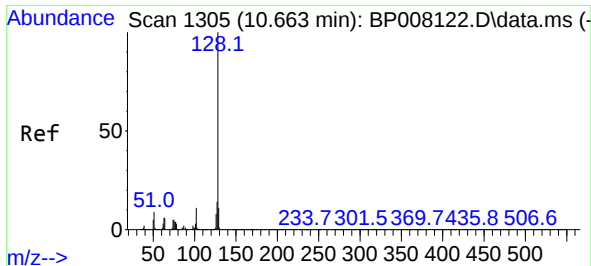
Tgt Ion: 82 Resp: 741161
Ion Ratio Lower Upper
82 100
128 11.9 29.6 44.4#
54 40.8 42.7 64.1#



#27
2,4-Dimethylphenol
Concen: 47.787 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.076 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion: 122 Resp: 147747
Ion Ratio Lower Upper
122 100
107 176.3 106.6 160.0#
121 95.0 48.1 72.1#

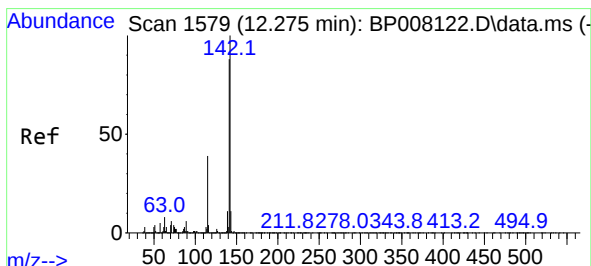
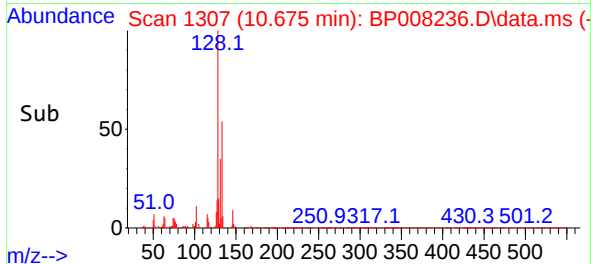
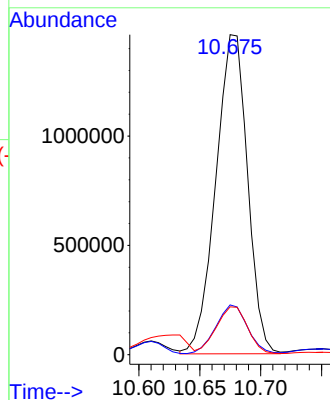
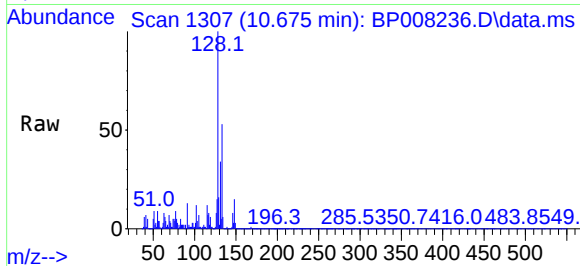




#31
Naphthalene
Concen: 229.905 ng
RT: 10.675 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

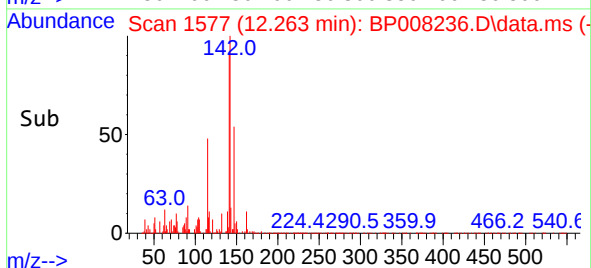
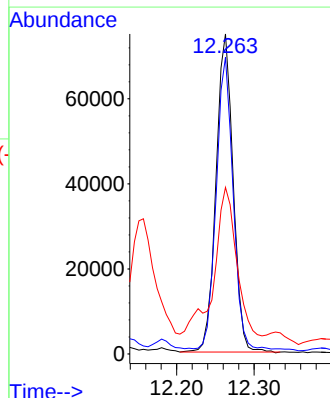
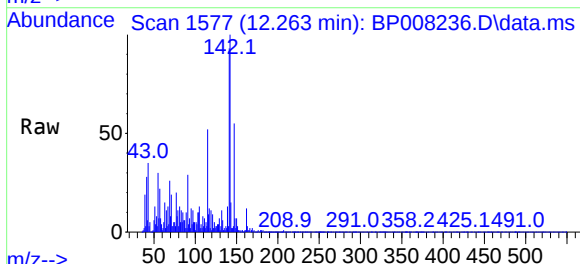
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

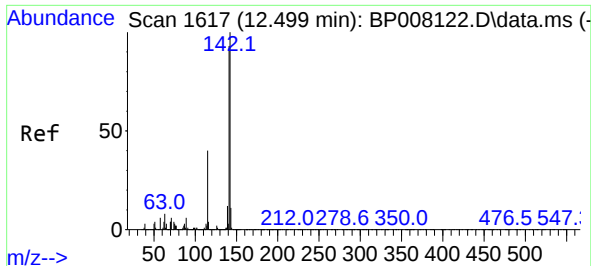
Tgt Ion:128 Resp: 2646090
Ion Ratio Lower Upper
128 100
129 15.5 8.5 12.7#
127 15.0 10.9 16.3



#37
2-Methylnaphthalene
Concen: 14.100 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion:142 Resp: 114781
Ion Ratio Lower Upper
142 100
141 92.8 70.7 106.1
115 52.1 30.9 46.3#

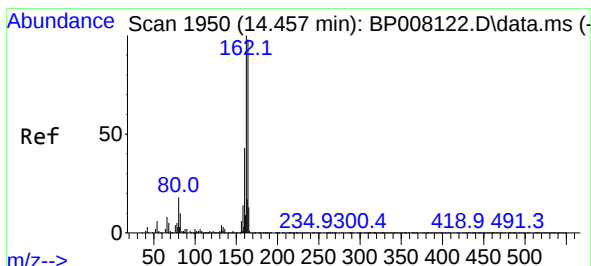
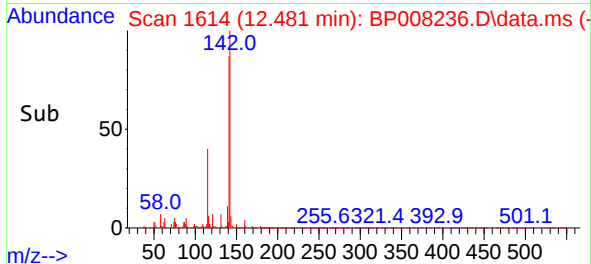
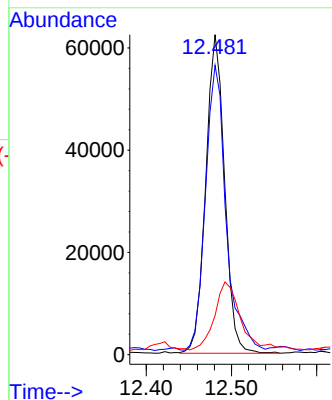
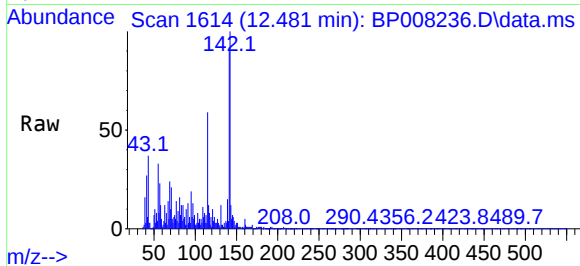




#38
1-Methylnaphthalene
Concen: 12.107 ng
RT: 12.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

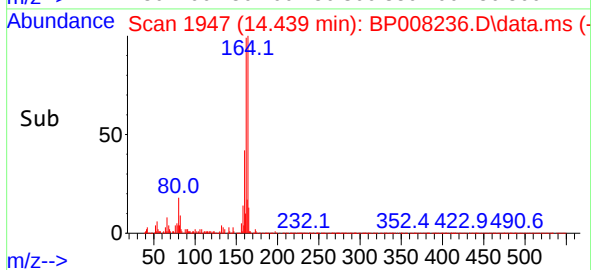
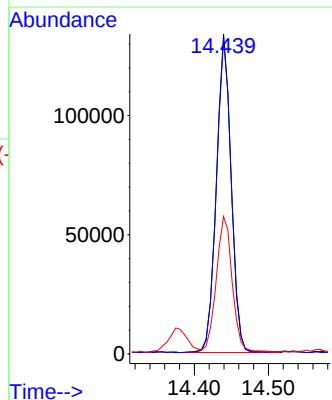
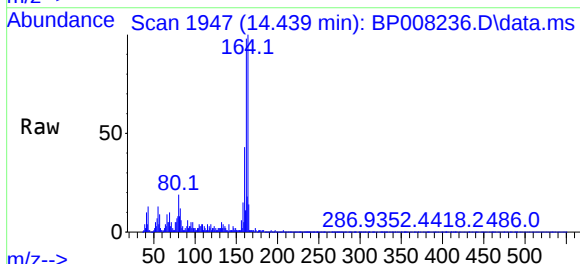
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

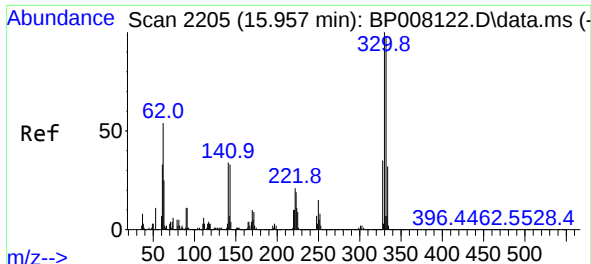
Tgt Ion:142 Resp: 95930
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.4
116 12.2 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion:164 Resp: 184469
Ion Ratio Lower Upper
164 100
162 98.4 81.9 122.9
160 43.0 35.4 53.0

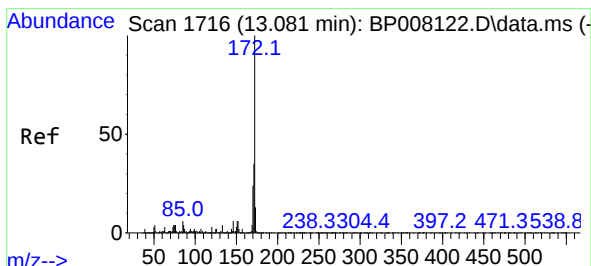
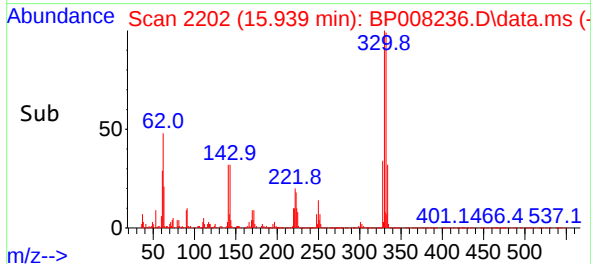
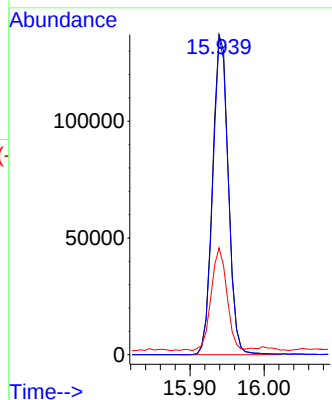
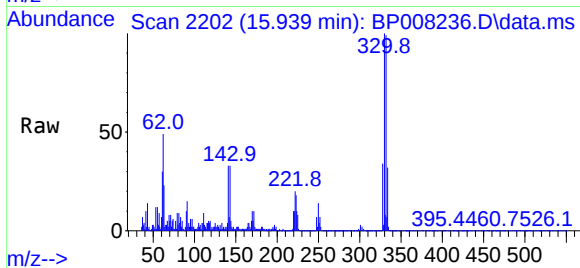




#42
2,4,6-Tribromophenol
Concen: 85.877 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

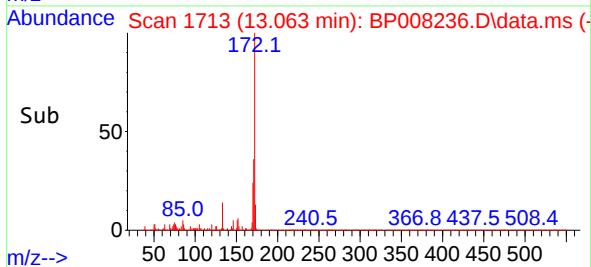
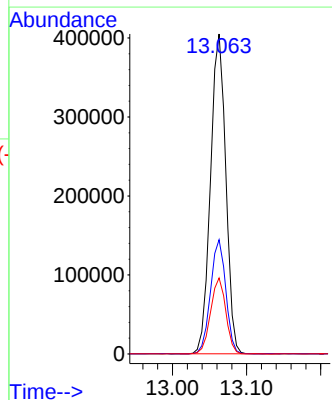
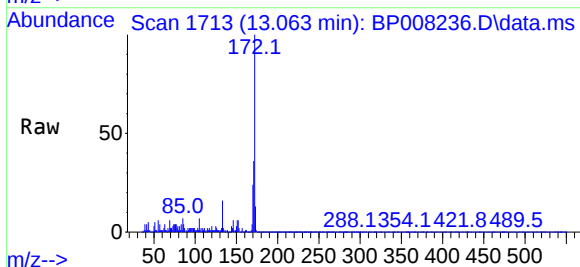
Instrument :
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ClientSampleId :
DRUM1-2

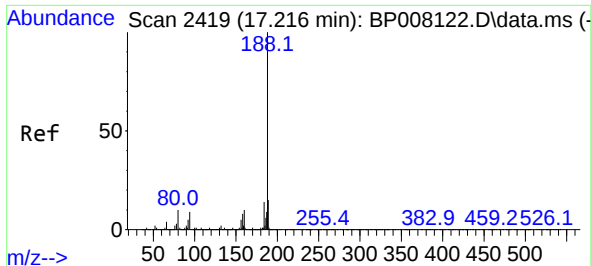
Tgt Ion:330 Resp: 202482
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 32.3 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 45.707 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion:172 Resp: 580467
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.8 18.9 28.3

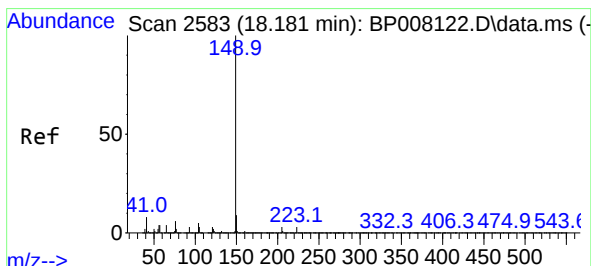
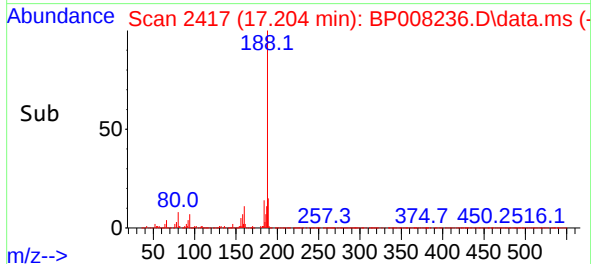
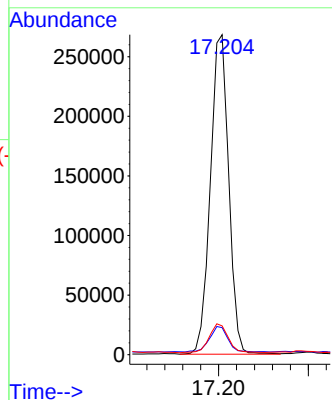
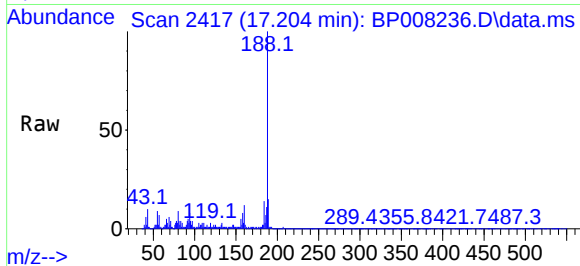




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

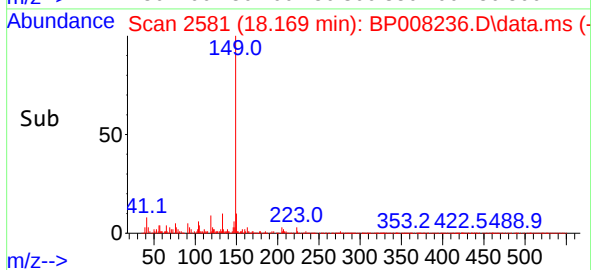
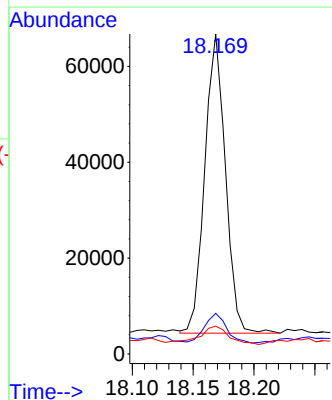
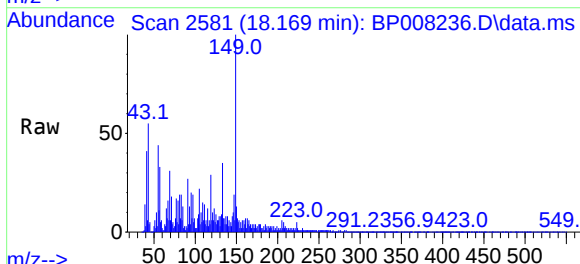
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

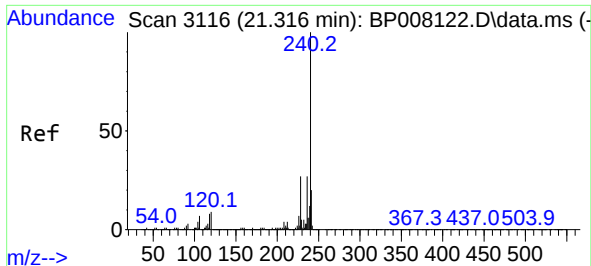
Tgt Ion:188 Resp: 379996
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.0 8.2 12.4



#74
Di-n-butylphthalate
Concen: 3.017 ng
RT: 18.169 min Scan# 2581
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion:149 Resp: 73396
Ion Ratio Lower Upper
149 100
150 12.7 7.4 11.2#
104 8.7 4.4 6.6#

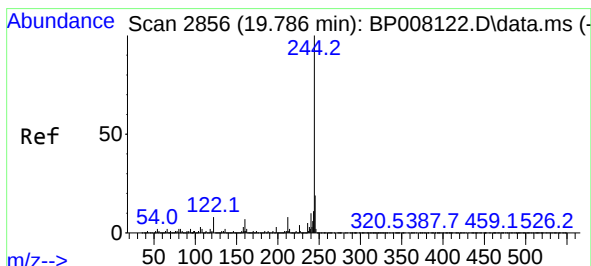
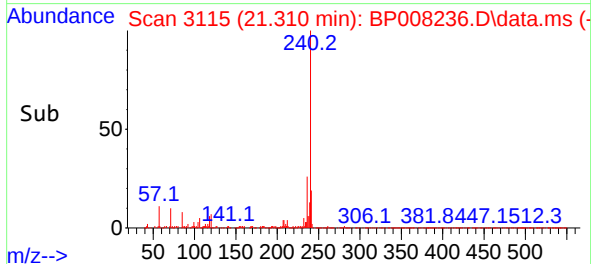
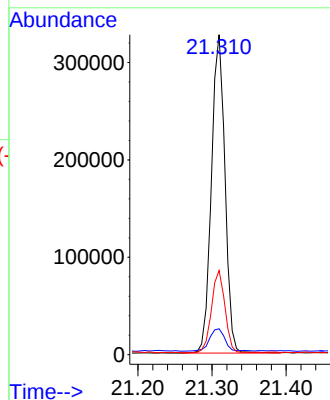
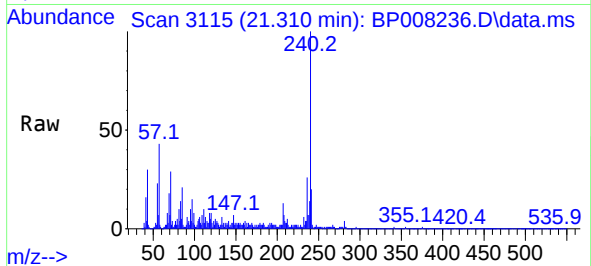




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

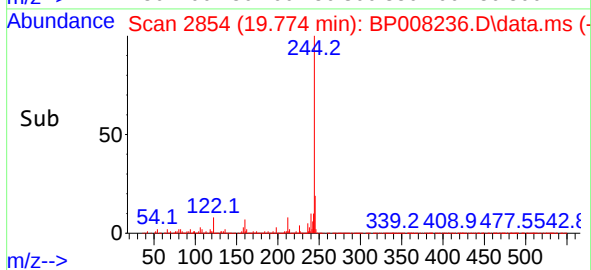
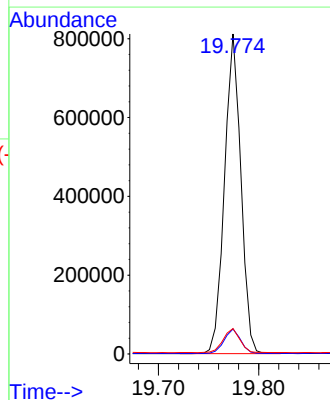
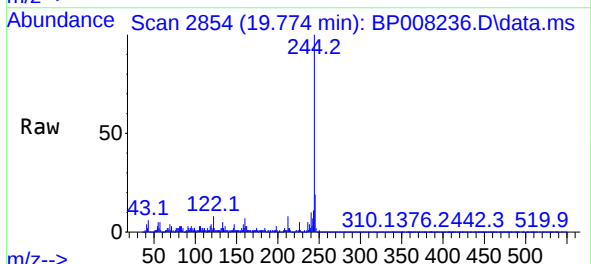
Instrument :
BNA_P
ClientSampleId :
DRUM1-2

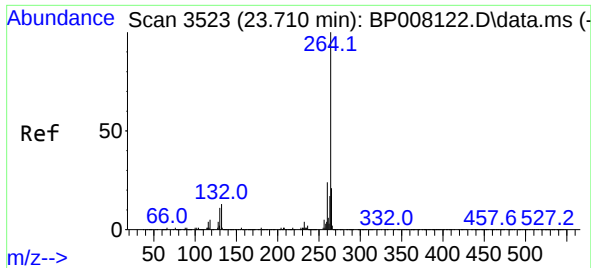
Tgt Ion:240 Resp: 415098
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 46.097 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Tgt Ion:244 Resp: 915573
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 8.0 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008236.D
Acq: 06 Dec 2021 19:18

Instrument :
BNA_P
ClientSampleId :
DRUM1-2

Tgt Ion:264 Resp: 464383
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.0 17.6 26.4

