

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008238.D
 Acq On : 06 Dec 2021 20:26
 Operator : CG/JU
 Sample : M4917-09DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-25DL

Quant Time: Dec 07 05:12:00 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)

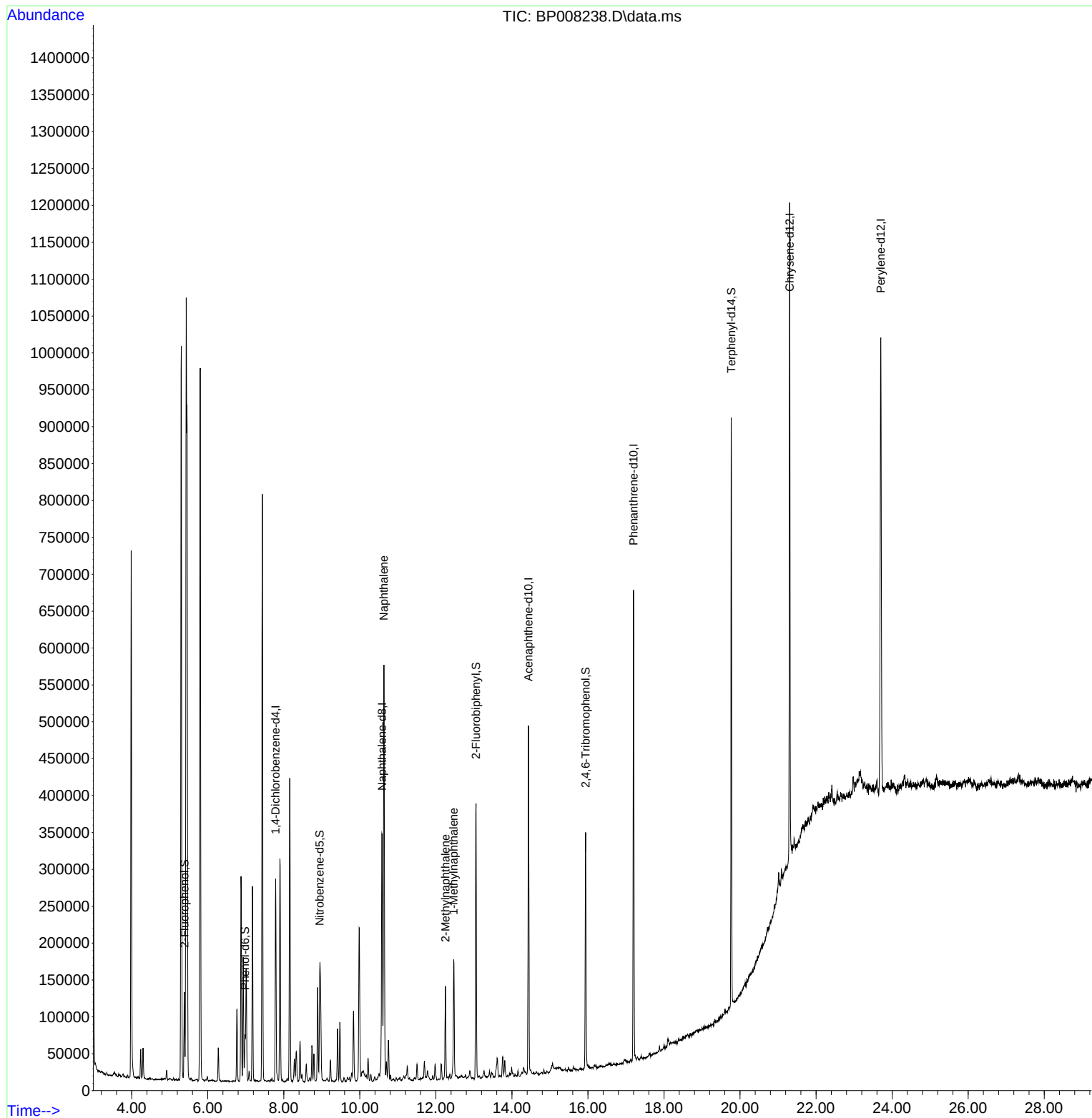
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	69258	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	258452	20.000	ng	#-0.01
39) Acenaphthene-d10	14.434	164	165730	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	368859	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	443403	20.000	ng	-0.01
86) Perylene-d12	23.704	264	485556	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	49915	11.604	ng	0.00
7) Phenol-d6	6.981	99	37265	6.418	ng	0.00
23) Nitrobenzene-d5	8.946	82	85538	15.050	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	61071	28.830	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	193429	16.953	ng	-0.01
79) Terphenyl-d14	19.769	244	377425	17.789	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.634	128	406017	30.667	ng	99
37) 2-Methylnaphthalene	12.251	142	53228	5.684	ng	97
38) 1-Methylnaphthalene	12.469	142	70138	7.695	ng	96

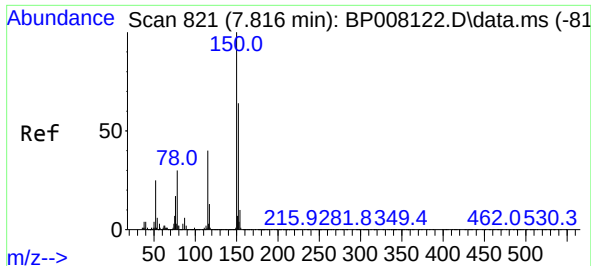
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

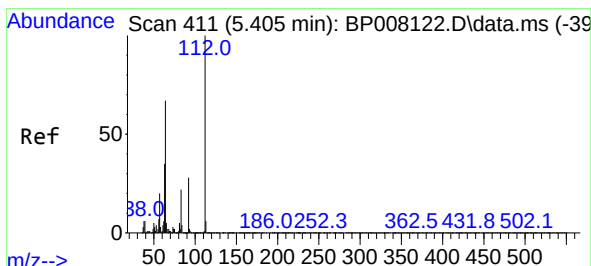
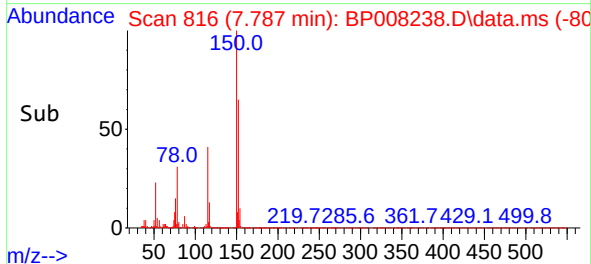
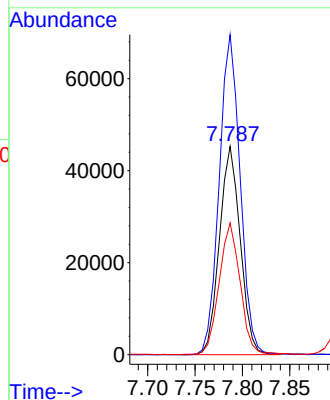
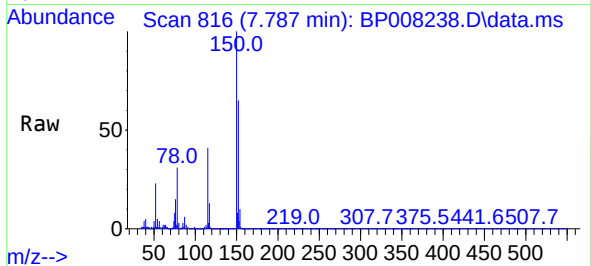




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

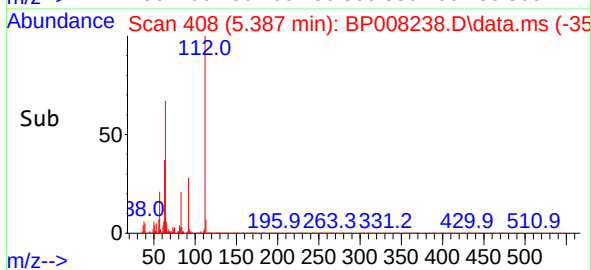
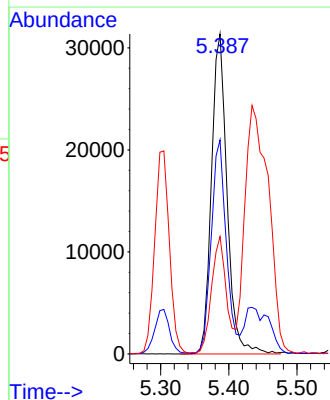
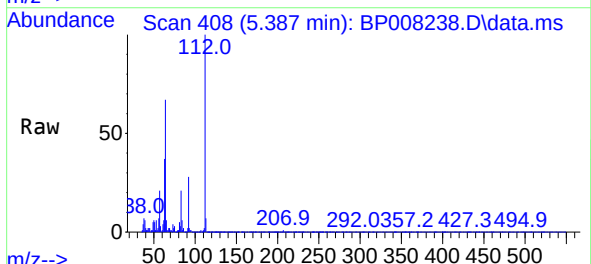
Instrument :
BNA_P
ClientSampleId :
MW-25DL

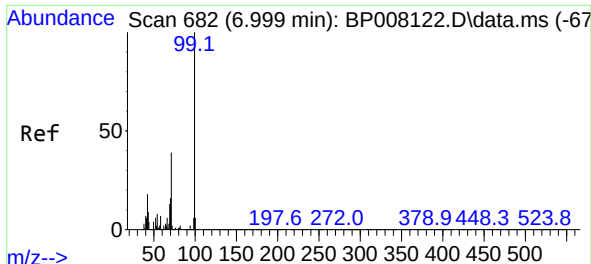
Tgt Ion:152 Resp: 69258
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 63.2 50.7 76.1



#5
2-Fluorophenol
Concen: 11.604 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:112 Resp: 49915
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 36.7 27.8 41.8

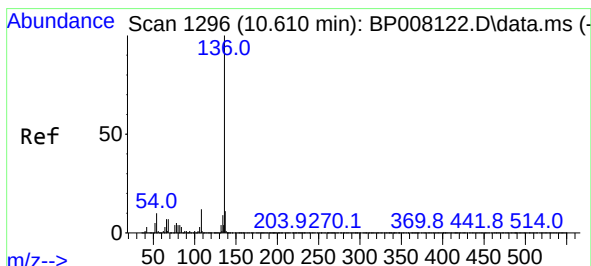
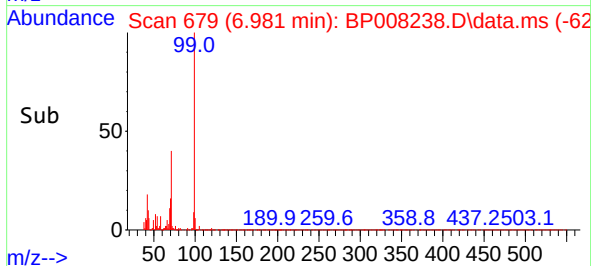
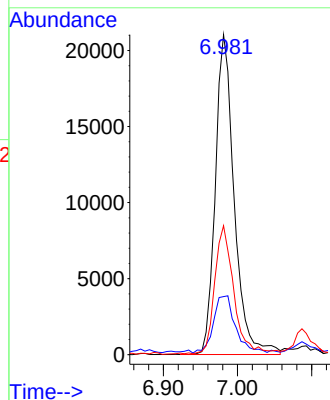
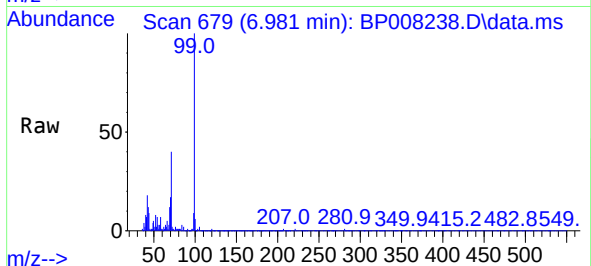




#7
Phenol-d6
Concen: 6.418 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

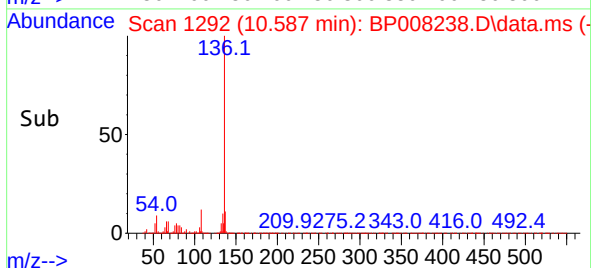
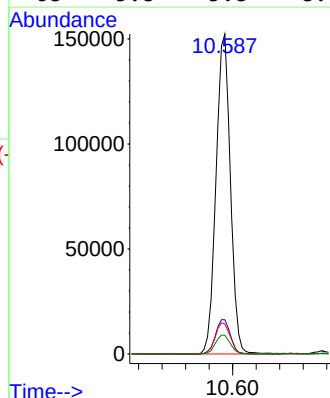
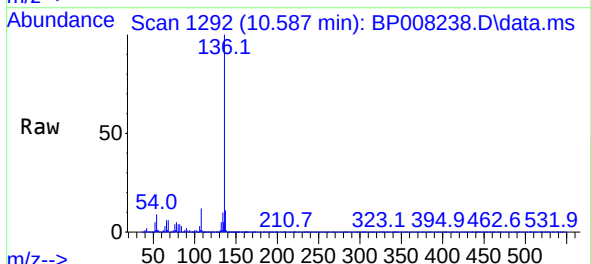
Instrument :
BNA_P
ClientSampleId :
MW-25DL

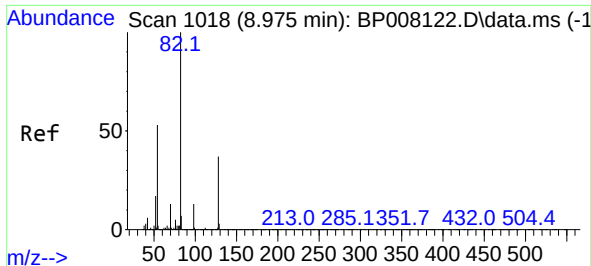
Tgt Ion: 99 Resp: 37265
Ion Ratio Lower Upper
99 100
42 18.2 14.6 22.0
71 40.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion: 136 Resp: 258452
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.4 8.2 12.4
68 5.8 5.8 8.8#

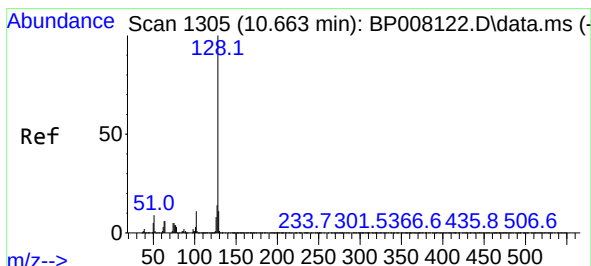
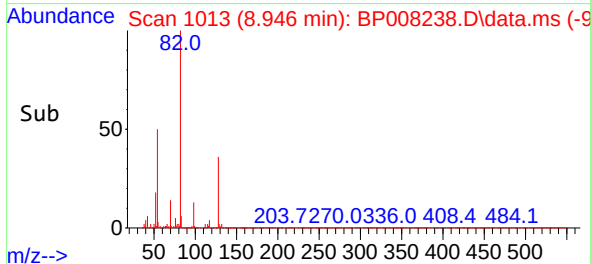
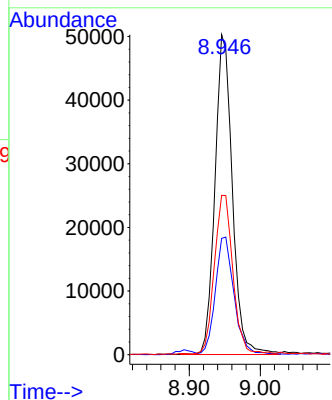
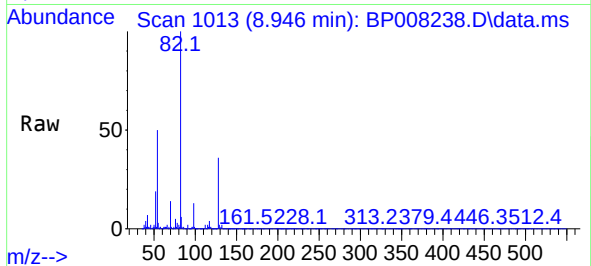




#23
Nitrobenzene-d5
Concen: 15.050 ng
RT: 8.946 min Scan# 10
Delta R.T. -0.018 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

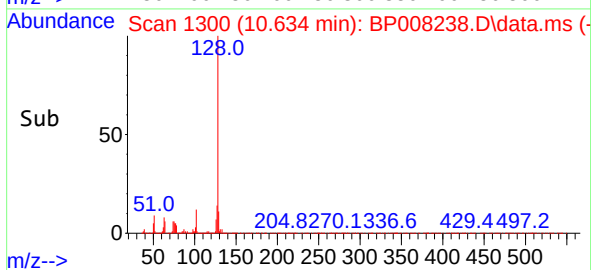
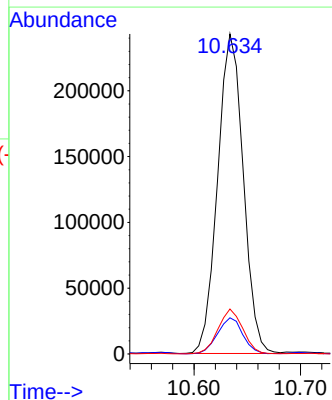
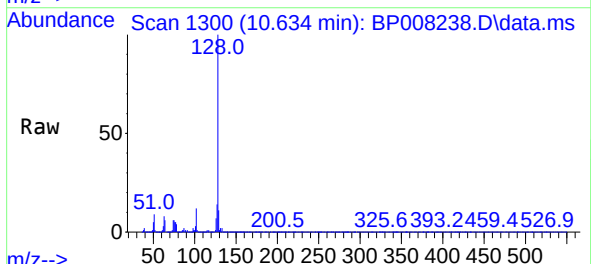
Instrument :
BNA_P
ClientSampleId :
MW-25DL

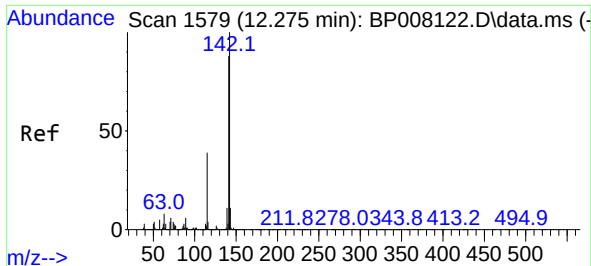
Tgt Ion: 82 Resp: 85538
Ion Ratio Lower Upper
82 100
128 36.3 29.6 44.4
54 49.8 42.7 64.1



#31
Naphthalene
Concen: 30.667 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion: 128 Resp: 406017
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.0 10.9 16.3

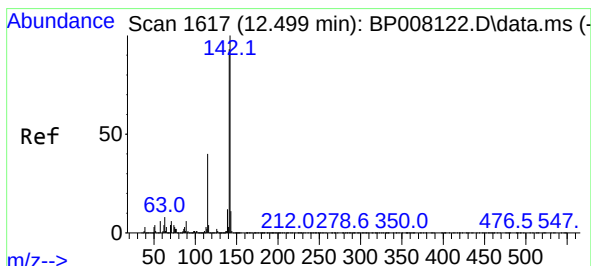
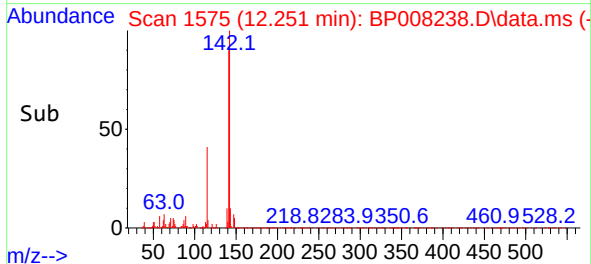
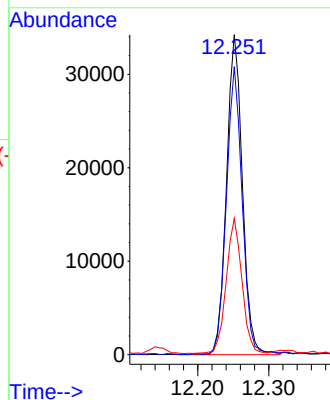
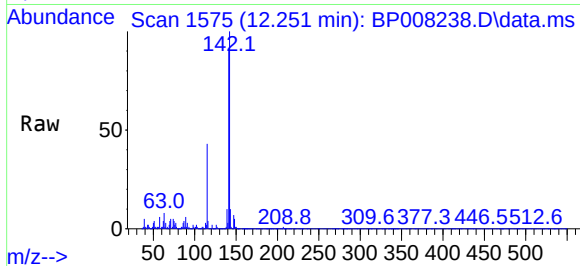




#37
2-Methylnaphthalene
Concen: 5.684 ng
RT: 12.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

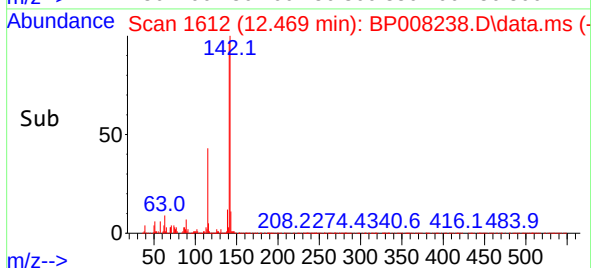
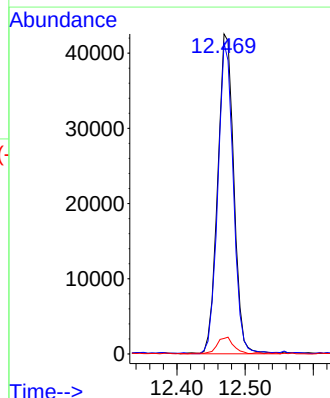
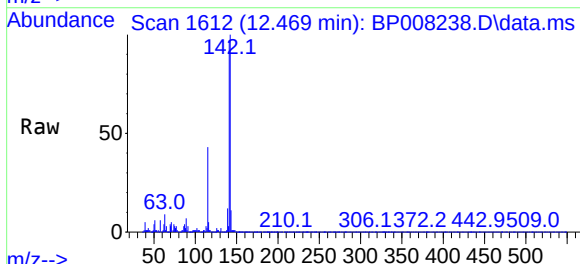
Instrument :
BNA_P
ClientSampleId :
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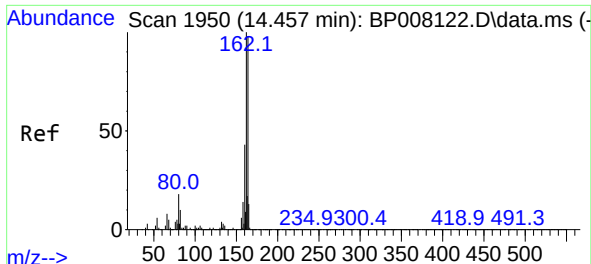
Tgt Ion:142 Resp: 53228
Ion Ratio Lower Upper
142 100
141 90.0 70.7 106.1
115 42.6 30.9 46.3



#38
1-Methylnaphthalene
Concen: 7.695 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:142 Resp: 70138
Ion Ratio Lower Upper
142 100
141 97.2 74.2 111.4
116 4.8 3.4 5.2

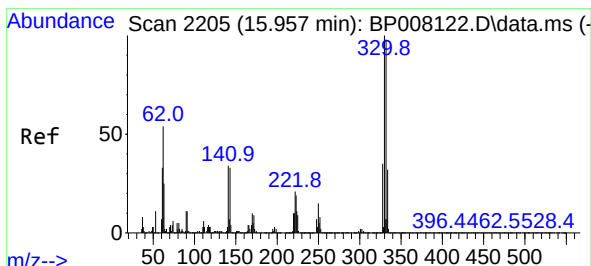
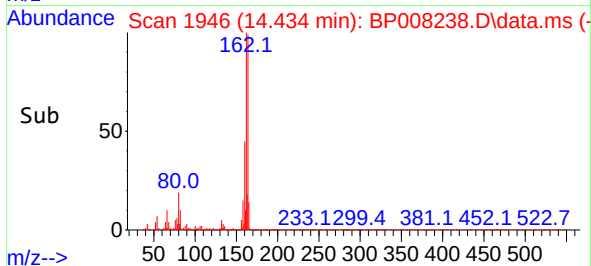
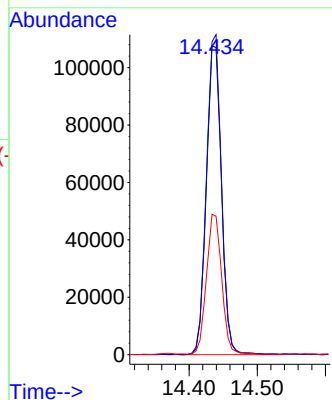
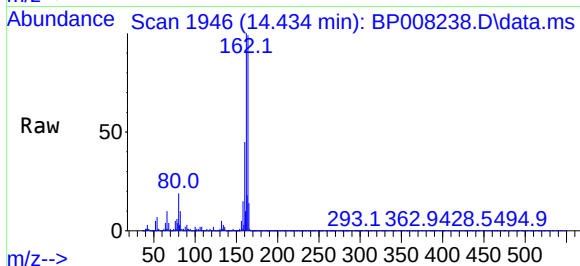




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

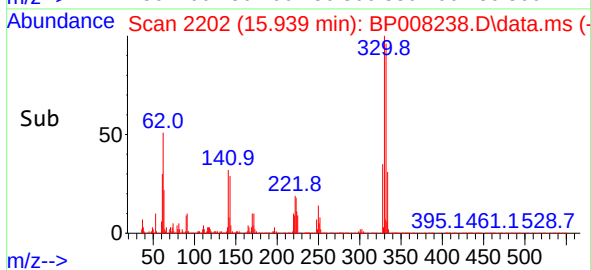
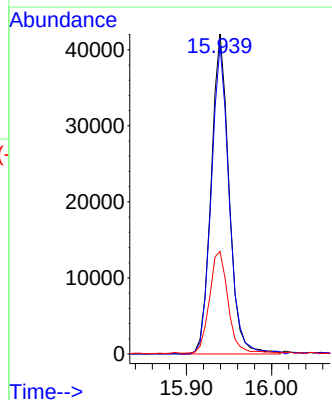
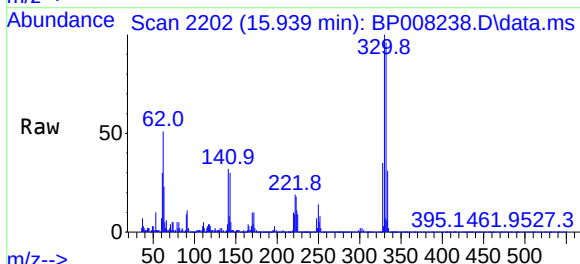
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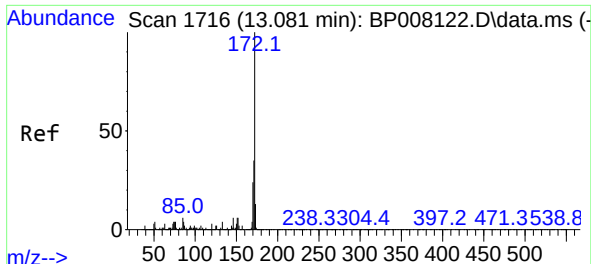
Tgt Ion:164 Resp: 165730
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 28.830 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:330 Resp: 61071
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.0 28.4 42.6

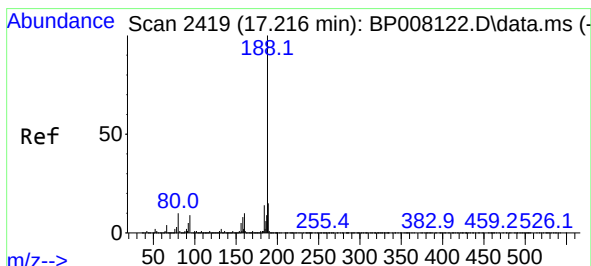
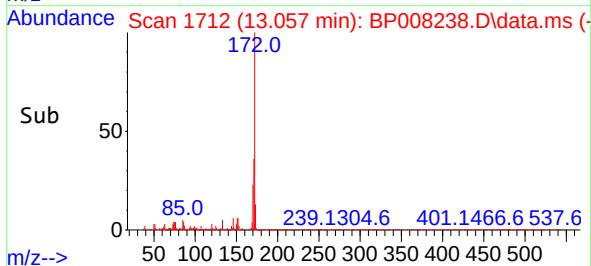
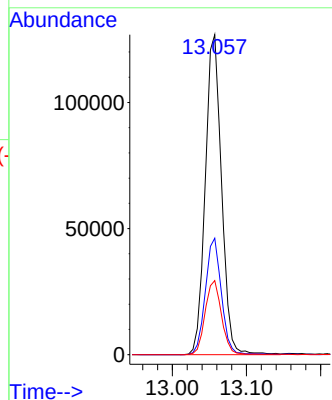
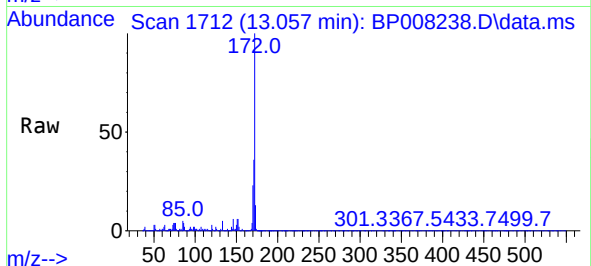




#45
2-Fluorobiphenyl
Concen: 16.953 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

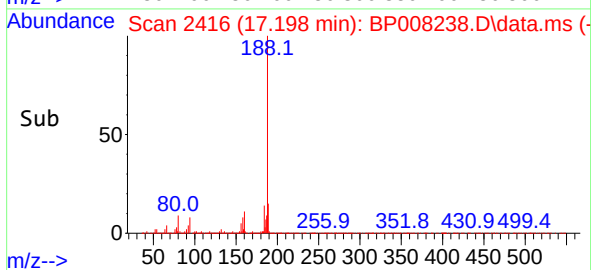
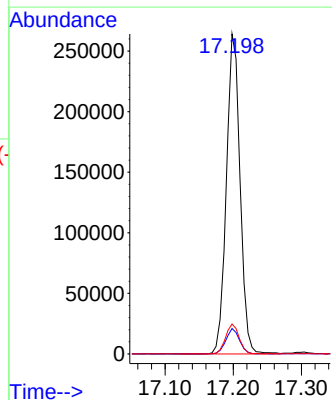
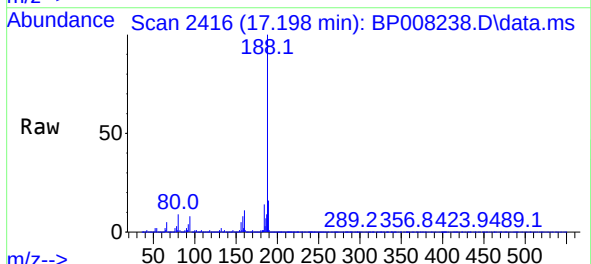
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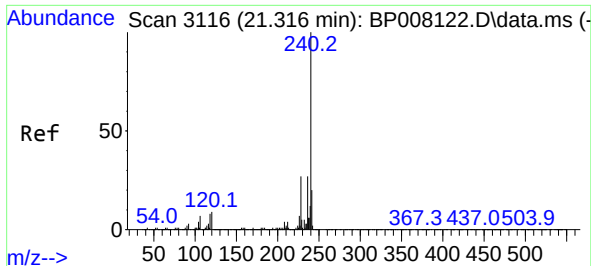
Tgt Ion:172 Resp: 193429
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:188 Resp: 368859
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.3 8.2 12.4

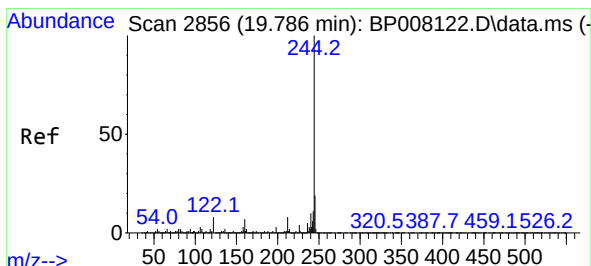
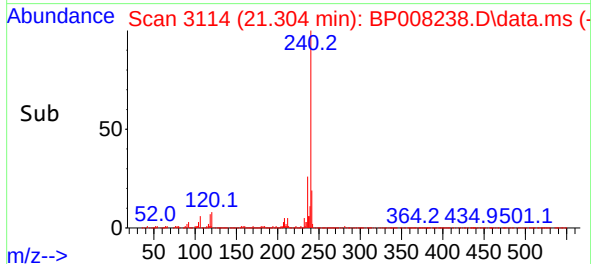
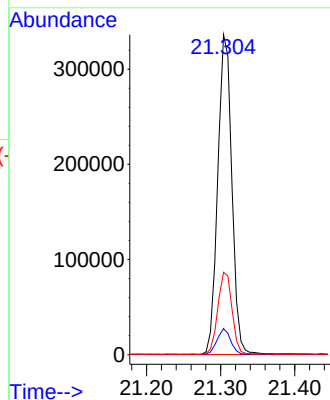
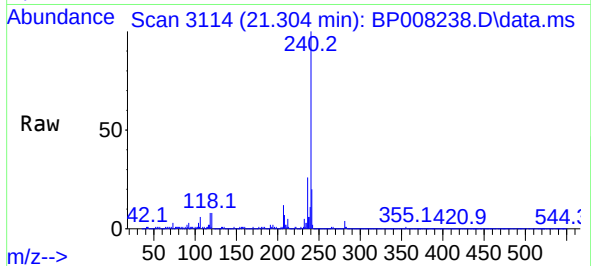




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

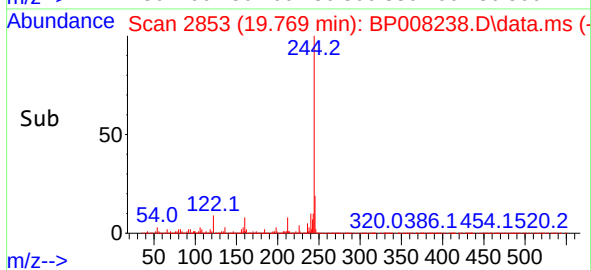
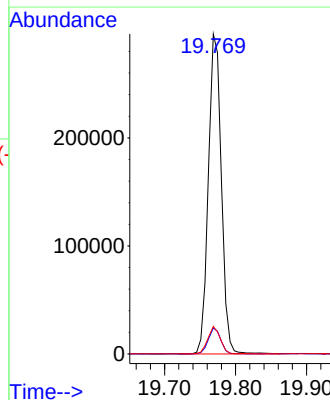
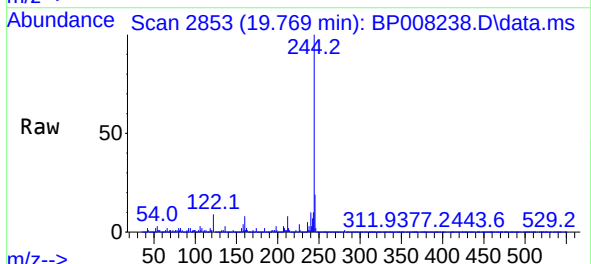
Instrument :
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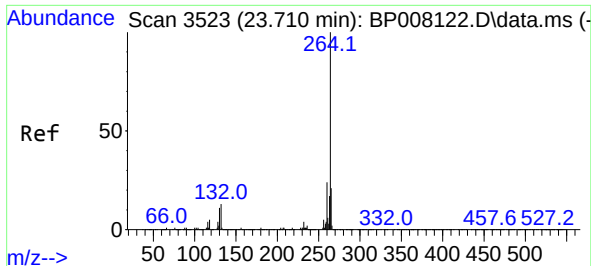
Tgt Ion:240 Resp: 443403
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 25.7 21.4 32.2



#79
Terphenyl-d14
Concen: 17.789 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:244 Resp: 377425
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 8.6 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP008238.D

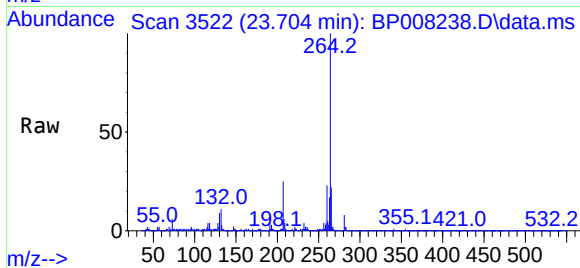
Acq: 06 Dec 2021 20:26

Instrument :

BNA_P

ClientSampleId :

MW-25DL



Tgt Ion:264 Resp: 485556

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.8 17.6 26.4

