

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
 Data File : BP008376.D
 Acq On : 13 Dec 2021 12:51
 Operator : CG/JU
 Sample : PB141336BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141336BL

Quant Time: Dec 13 14:47:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	61373	20.000	ng	-0.01
21) Naphthalene-d8	10.551	136	240833	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	179736	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	402240	20.000	ng	-0.01
76) Chrysene-d12	21.280	240	495797	20.000	ng	0.00
86) Perylene-d12	23.657	264	552520	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	599856	157.370	ng	0.00
7) Phenol-d6	6.952	99	797005	154.890	ng	0.00
23) Nitrobenzene-d5	8.916	82	531231	100.305	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	369695	160.924	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	1148800	92.840	ng	0.00
79) Terphenyl-d14	19.745	244	2365634	99.718	ng	-0.01

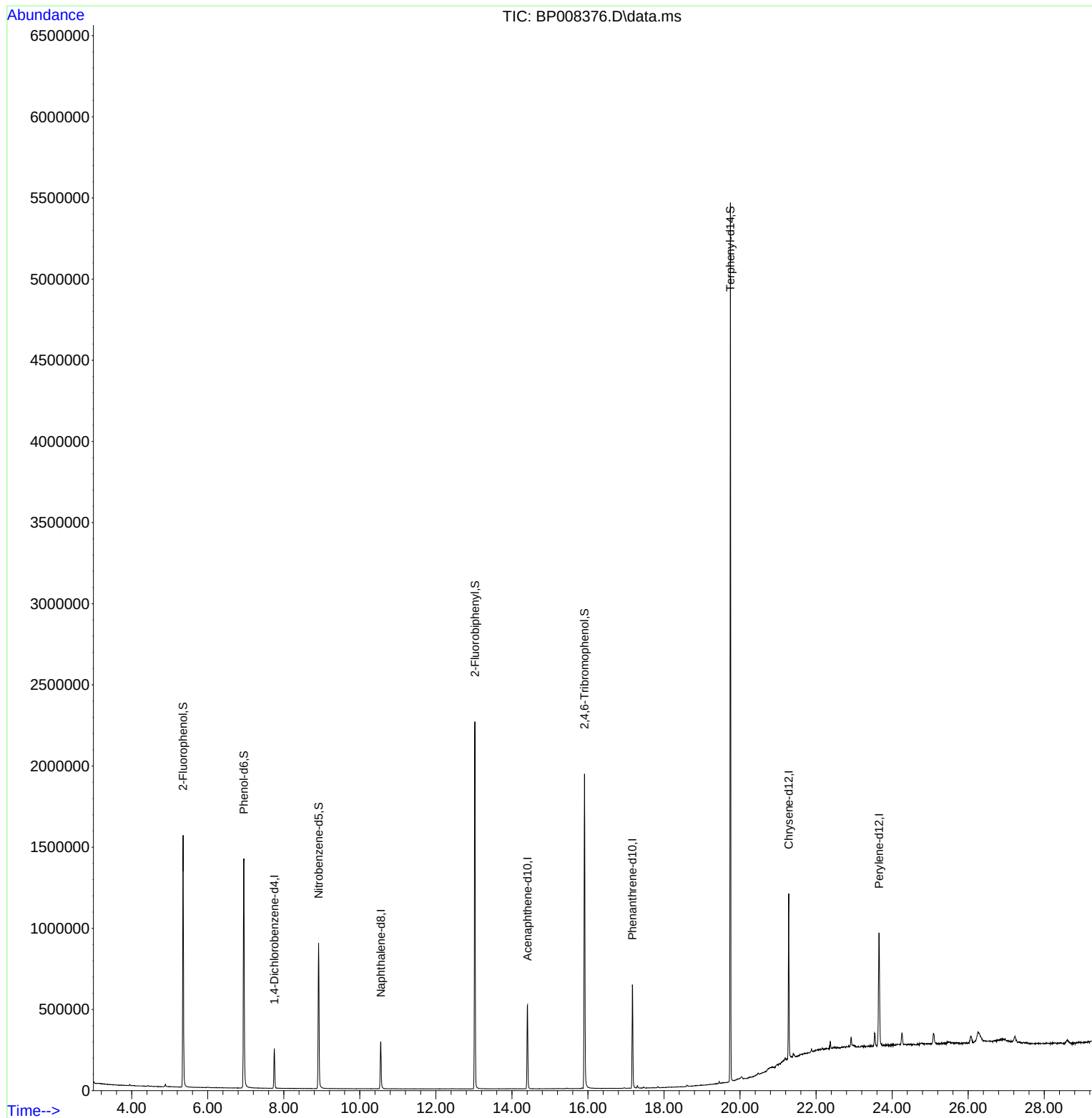
Target Compounds	Qvalue

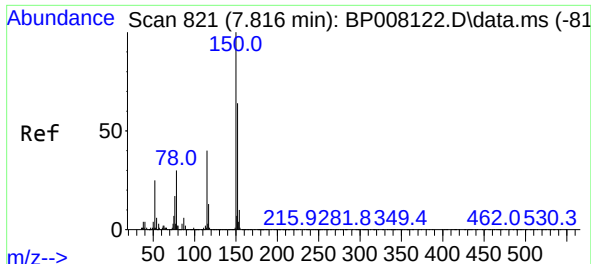
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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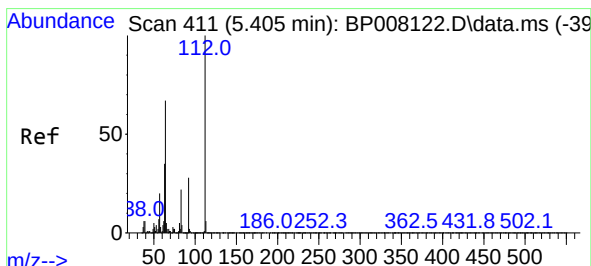
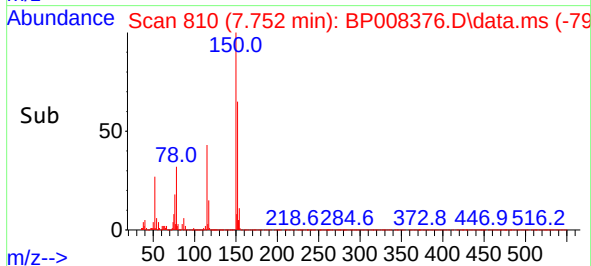
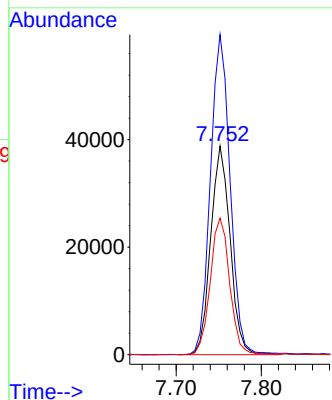
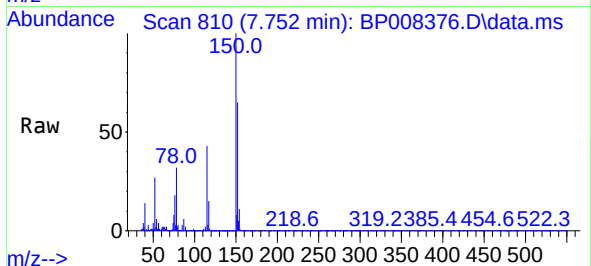




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

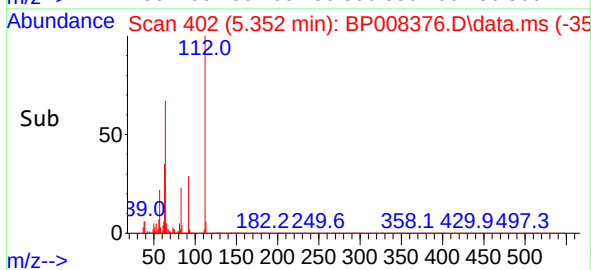
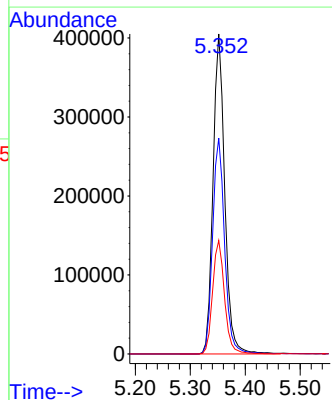
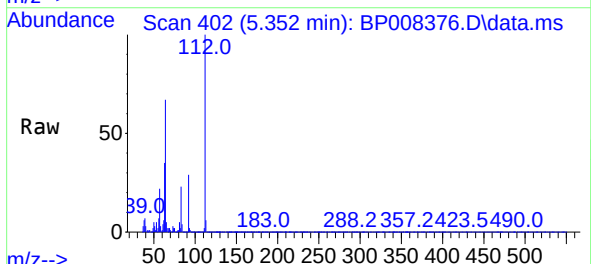
Instrument :
BNA_P
ClientSampleId :
PB141336BL

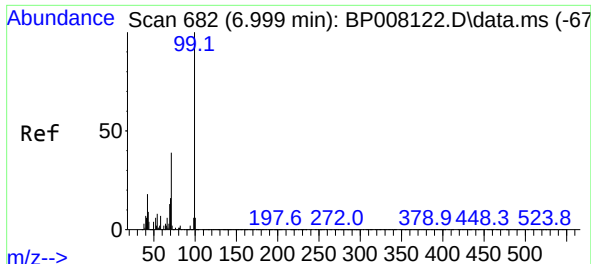
Tgt Ion:152 Resp: 61373
Ion Ratio Lower Upper
152 100
150 153.5 125.7 188.5
115 65.6 50.7 76.1



#5
2-Fluorophenol
Concen: 157.370 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

Tgt Ion:112 Resp: 599856
Ion Ratio Lower Upper
112 100
64 67.5 53.4 80.2
63 35.5 27.8 41.8

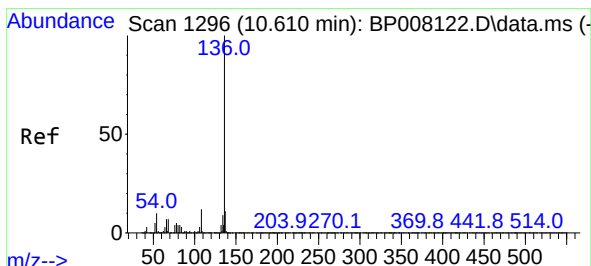
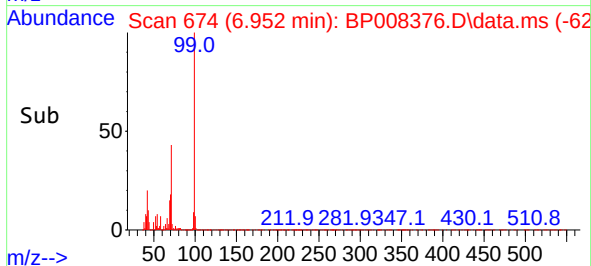
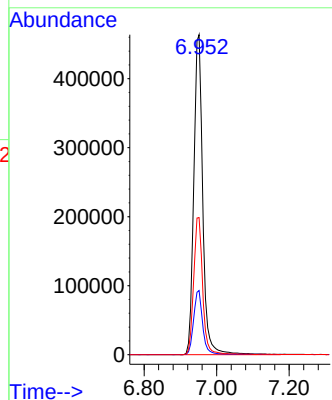
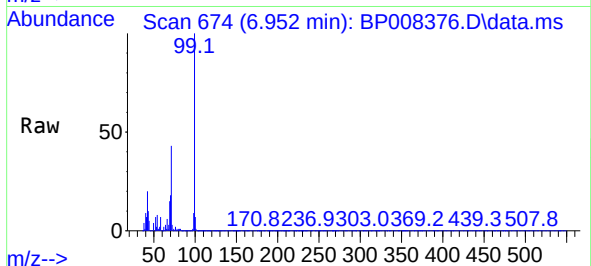




#7
Phenol-d6
Concen: 154.890 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

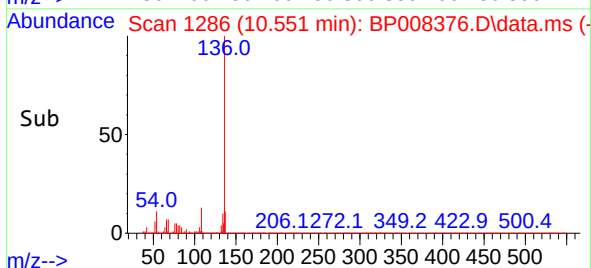
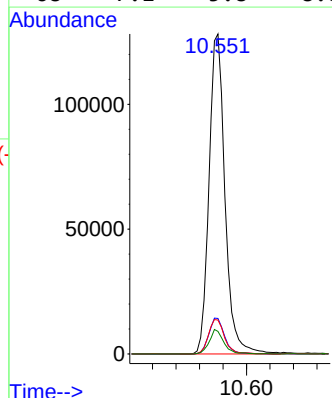
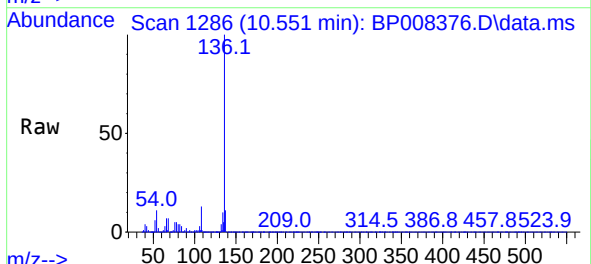
Instrument :
BNA_P
ClientSampleId :
PB141336BL

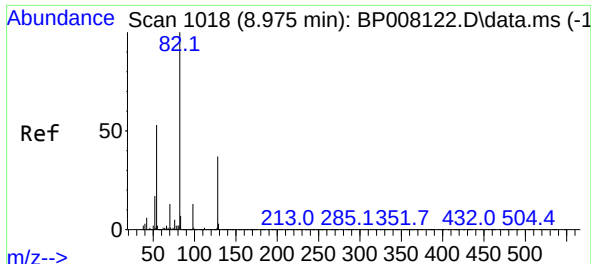
Tgt Ion: 99 Resp: 797005
Ion Ratio Lower Upper
99 100
42 20.1 14.6 22.0
71 42.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

Tgt Ion:136 Resp: 240833
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.6 8.2 12.4
68 7.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 100.305 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.012 min

Lab File: BP008376.D

Acq: 13 Dec 2021 12:51

Instrument :

BNA_P

ClientSampleId :

PB141336BL

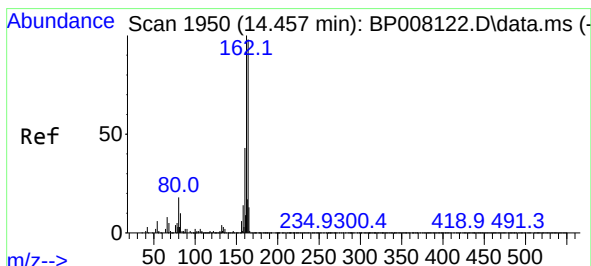
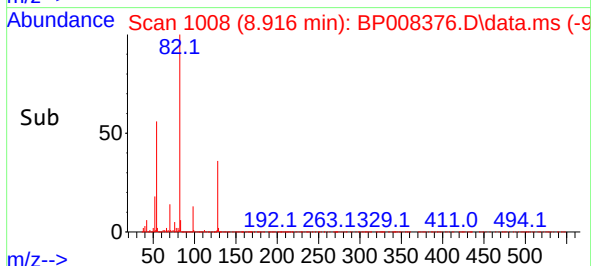
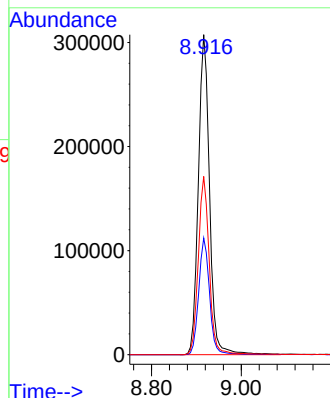
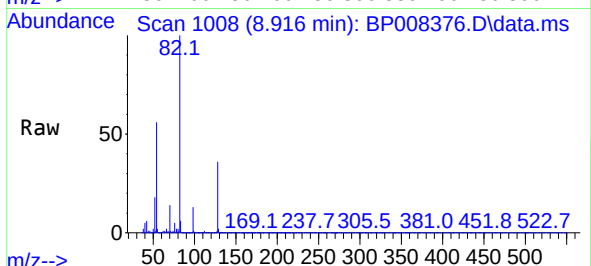
Tgt Ion: 82 Resp: 531231

Ion Ratio Lower Upper

82 100

128 36.5 29.6 44.4

54 55.7 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BP008376.D

Acq: 13 Dec 2021 12:51

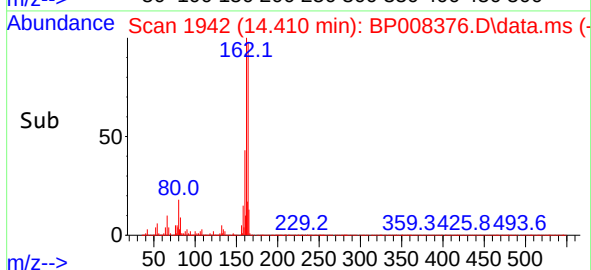
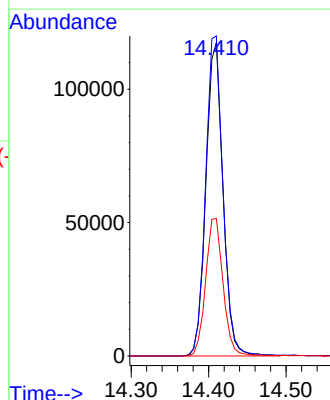
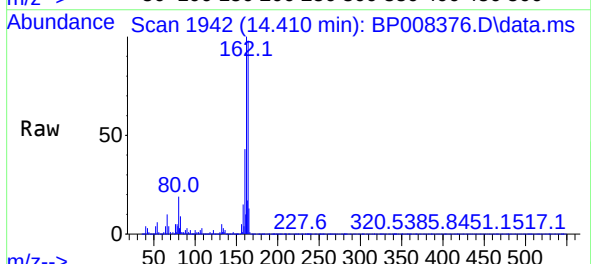
Tgt Ion: 164 Resp: 179736

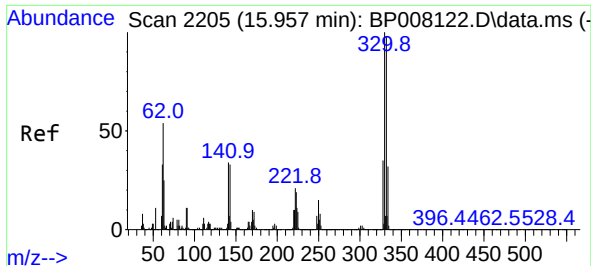
Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

160 43.9 35.4 53.0

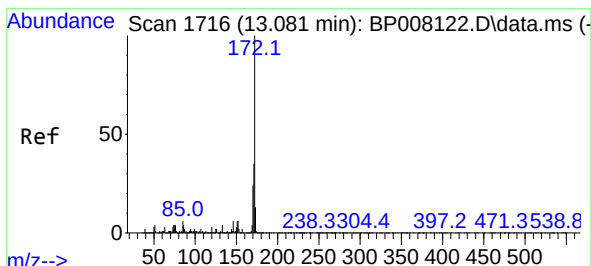
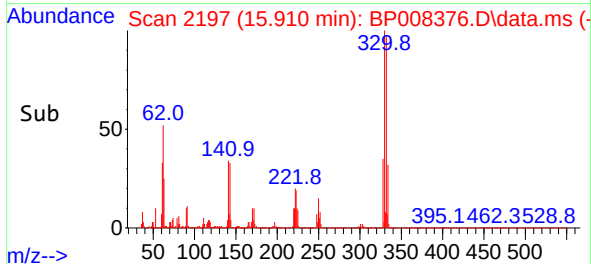
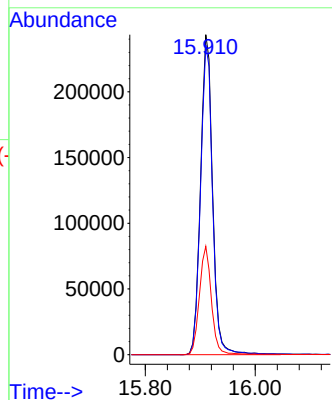
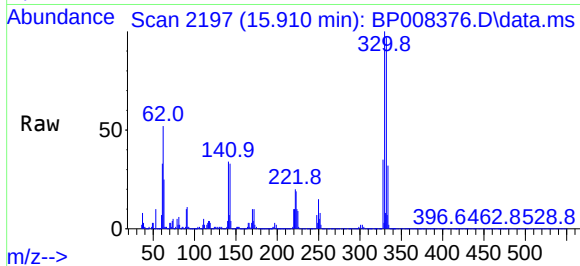




#42
2,4,6-Tribromophenol
Concen: 160.924 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

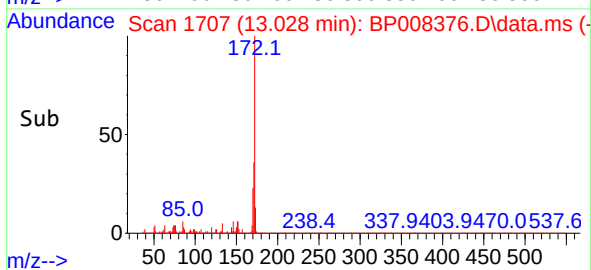
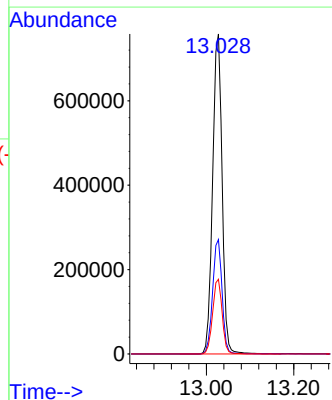
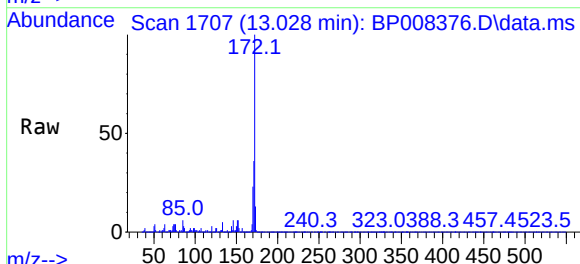
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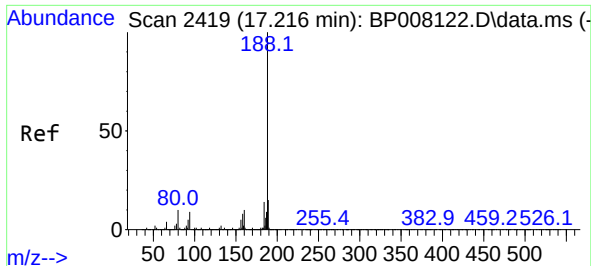
Tgt Ion:330 Resp: 369695
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 34.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 92.840 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

Tgt Ion:172 Resp: 1148800
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.4 18.9 28.3

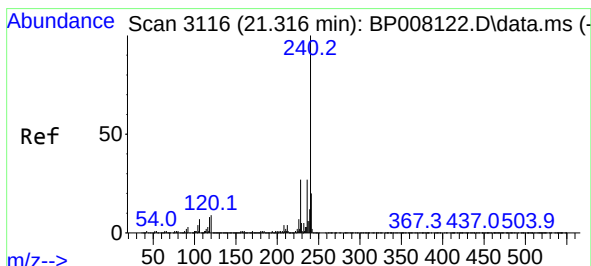
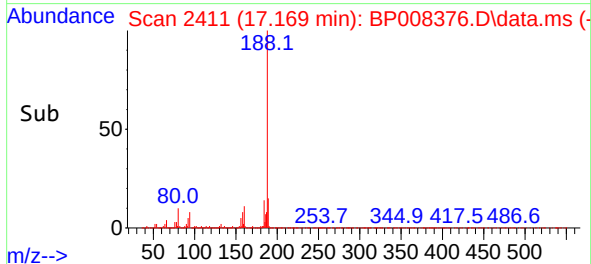
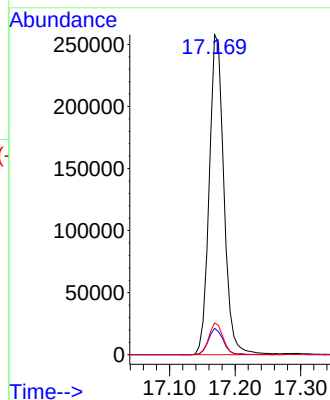
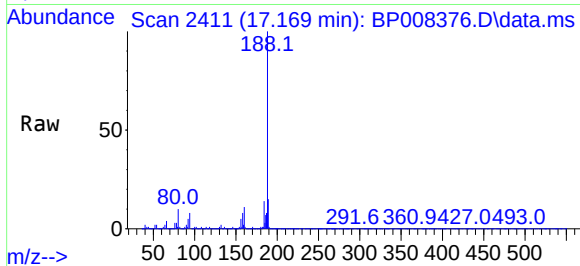




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

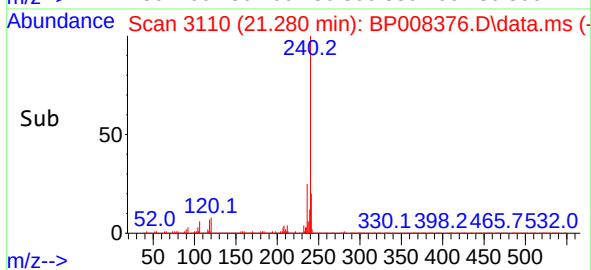
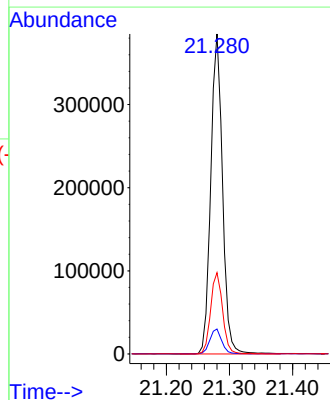
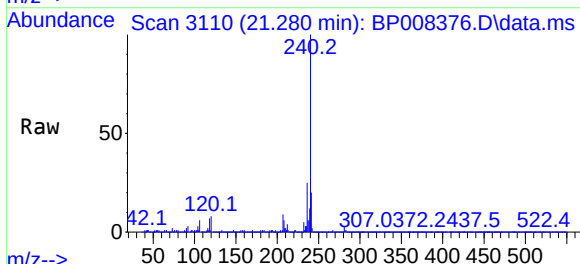
Instrument :
BNA_P
ClientSampleId :
PB141336BL

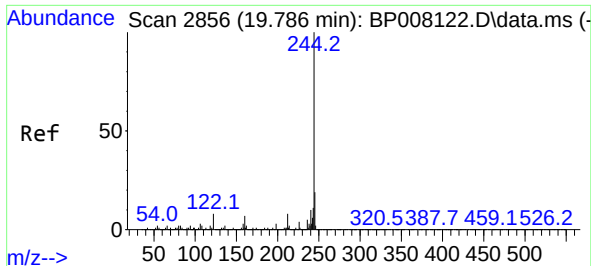
Tgt Ion:188 Resp: 402240
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP008376.D
Acq: 13 Dec 2021 12:51

Tgt Ion:240 Resp: 495797
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 25.4 21.4 32.2



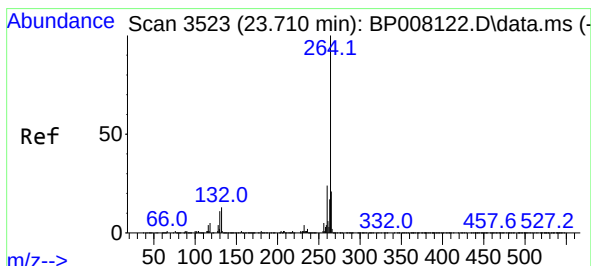
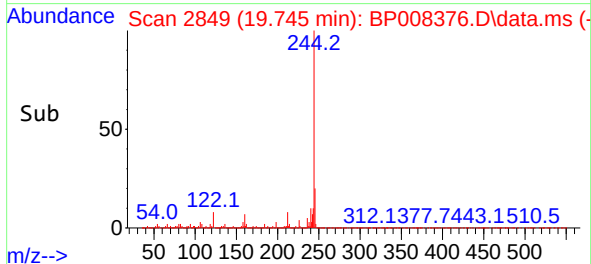
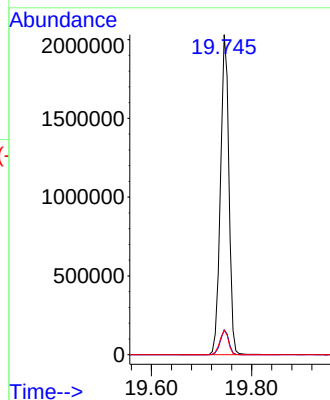
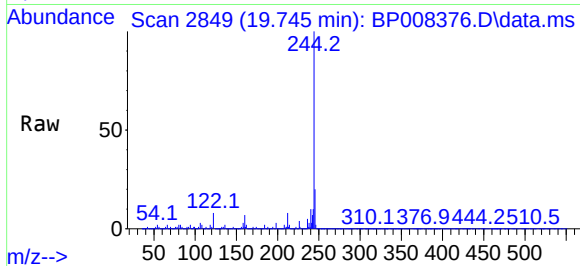


#79
 Terphenyl-d14
 Concen: 99.718 ng
 RT: 19.745 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008376.D
 Acq: 13 Dec 2021 12:51

Instrument :
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 PB141336BL

Tgt Ion:244 Resp: 2365634

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.7	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.657 min Scan# 3514
 Delta R.T. -0.018 min
 Lab File: BP008376.D
 Acq: 13 Dec 2021 12:51

Tgt Ion:264 Resp: 552520

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.8	17.6	26.4

