

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008426.D
 Acq On : 15 Dec 2021 20:23
 Operator : CG/JU
 Sample : M5032-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-121021

Quant Time: Dec 15 21:07:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

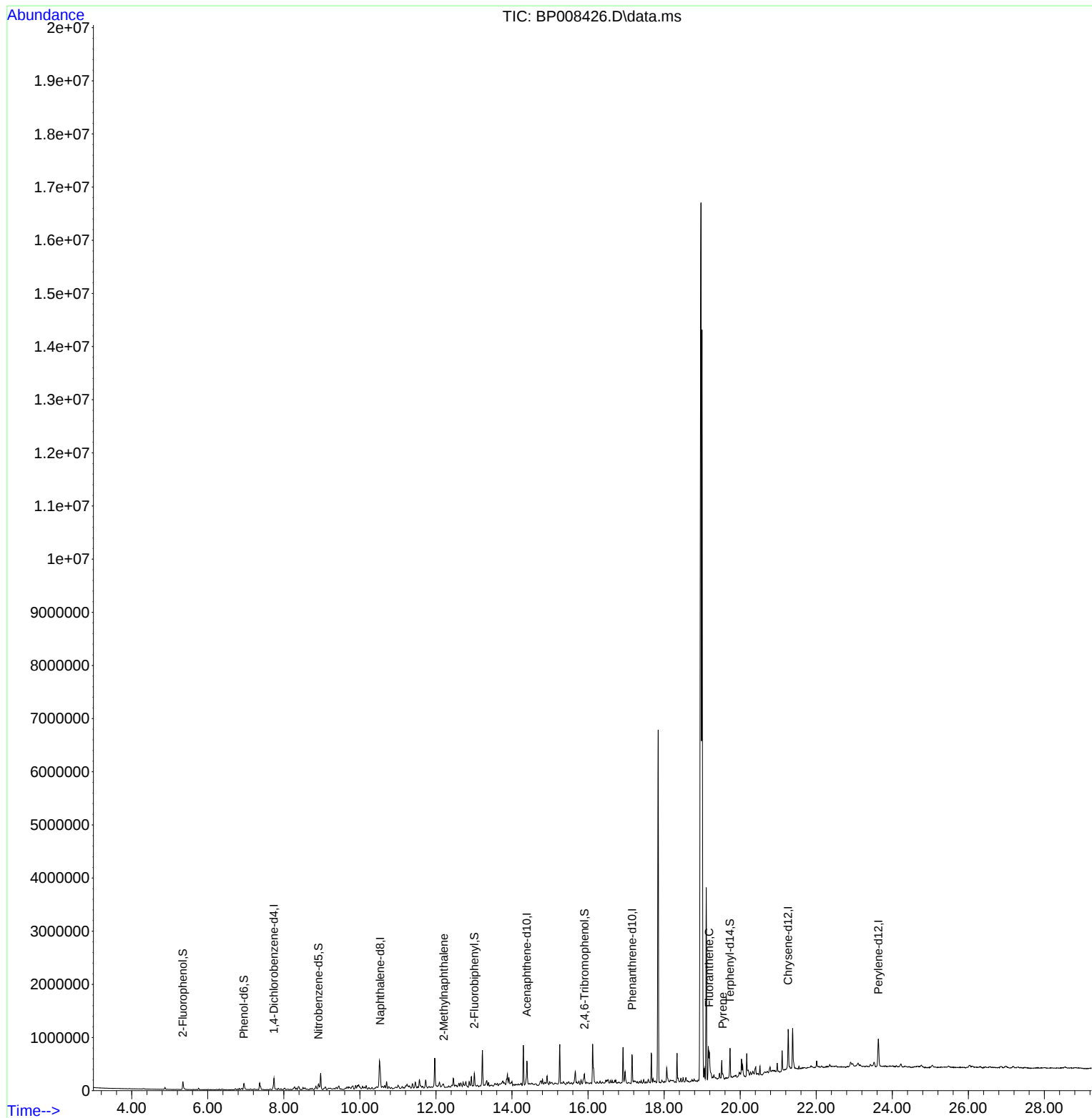
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	55673	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	204622	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	138110	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	303988	20.000	ng	0.00
76) Chrysene-d12	21.263	240	349090	20.000	ng	0.00
86) Perylene-d12	23.633	264	397474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	67746	19.217	ng	0.00
7) Phenol-d6	6.952	99	83361	17.606	ng	0.01
23) Nitrobenzene-d5	8.910	82	56368	11.670	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	40728	20.067	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	133398	12.278	ng	0.00
79) Terphenyl-d14	19.733	244	247337	12.331	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.210	142	17009	2.300	ng	91
75) Fluoranthene	19.186	202	49525	2.664	ng	95
78) Pyrene	19.539	202	53165	2.129	ng	97

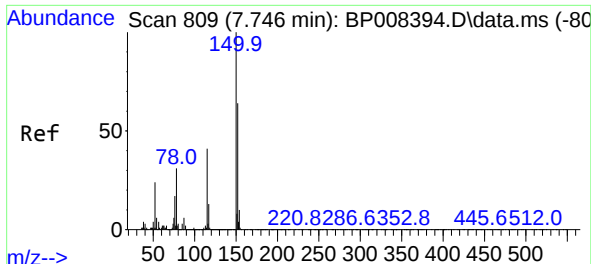
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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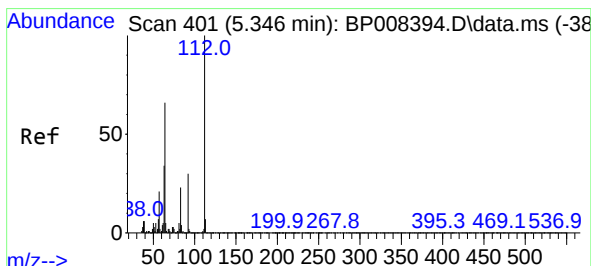
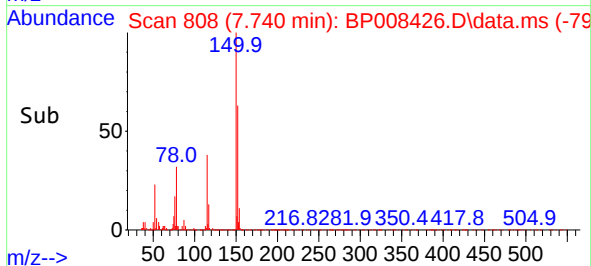
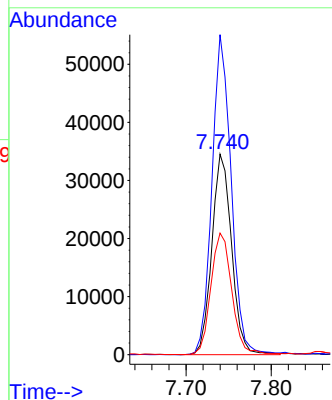
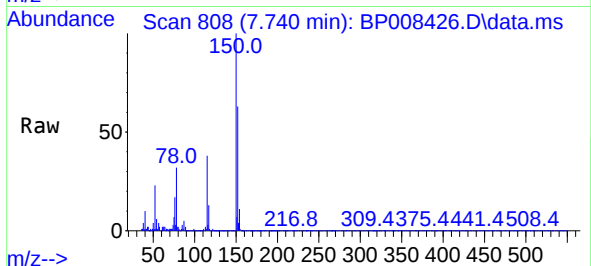




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

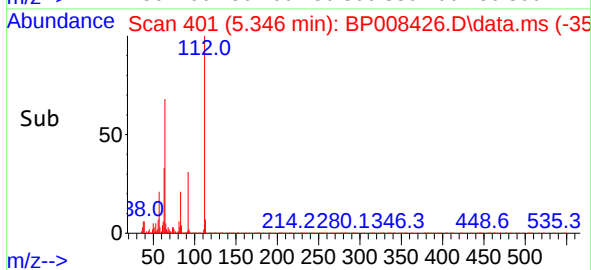
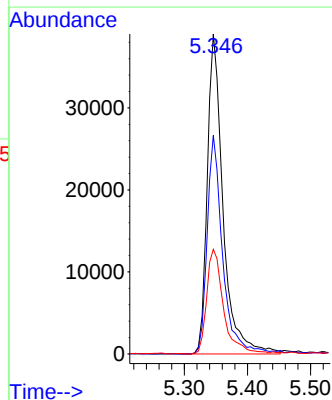
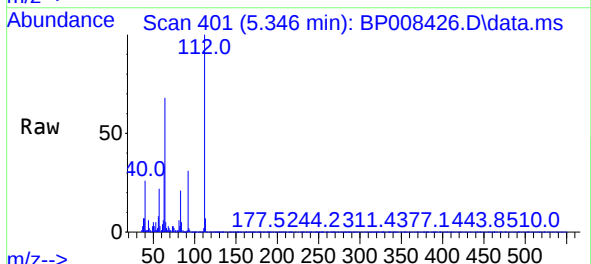
Instrument :
BNA_P
ClientSampleId :
TR-04-121021

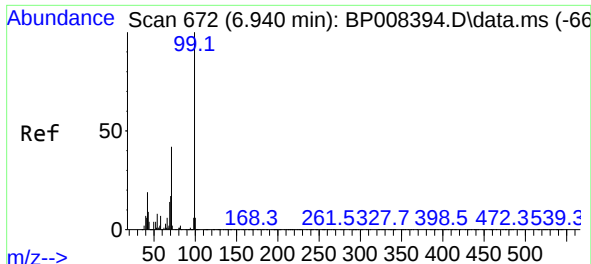
Tgt Ion:152 Resp: 55673
Ion Ratio Lower Upper
152 100
150 159.7 125.7 188.5
115 60.6 50.7 76.1



#5
2-Fluorophenol
Concen: 19.217 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

Tgt Ion:112 Resp: 67746
Ion Ratio Lower Upper
112 100
64 68.3 53.4 80.2
63 32.7 27.8 41.8





Phenol-d6

Concen: 17.606 ng

RT: 6.952 min Scan# 61

Delta R.T. 0.012 min

Lab File: BP008426.D

Acq: 15 Dec 2021 20:23

Instrument :

BNA_P

ClientSampleId :

TR-04-121021

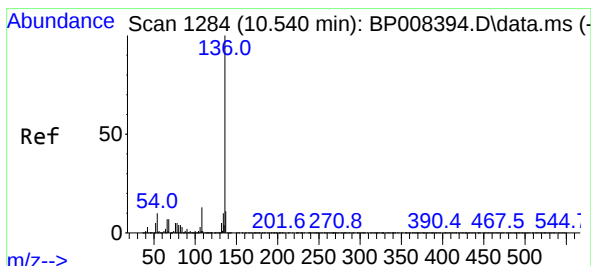
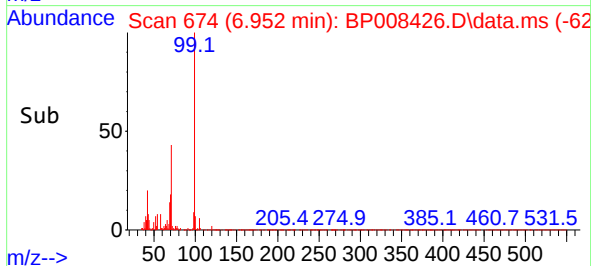
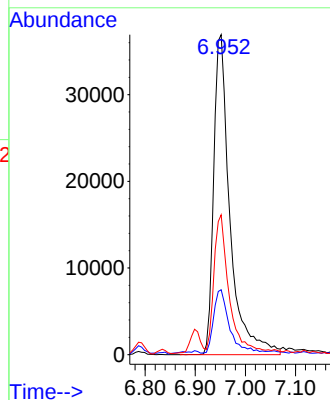
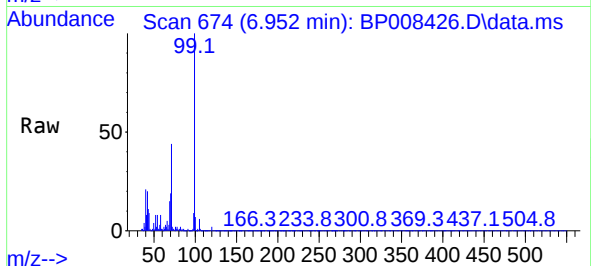
Tgt Ion: 99 Resp: 83361

Ion Ratio Lower Upper

99 100

42 20.3 14.6 22.0

71 43.7 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BP008426.D

Acq: 15 Dec 2021 20:23

Tgt Ion: 136 Resp: 204622

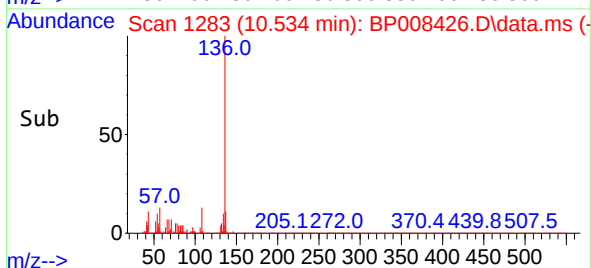
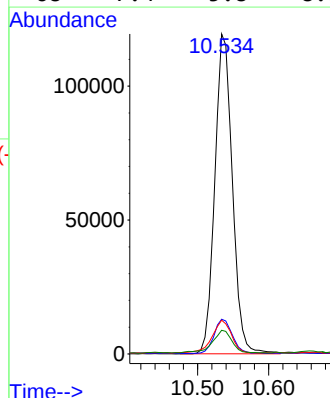
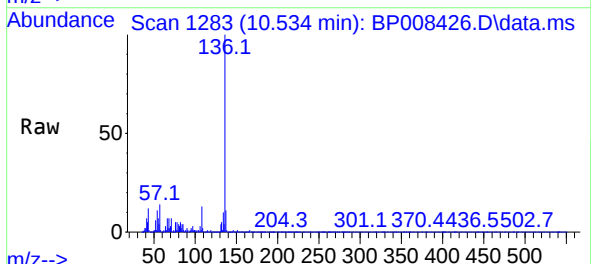
Ion Ratio Lower Upper

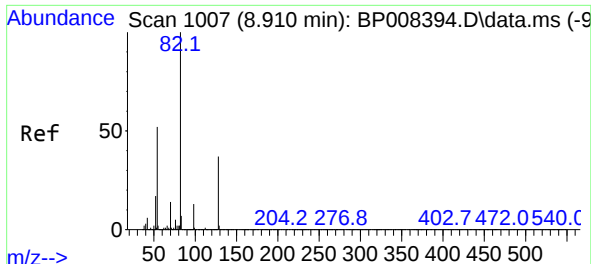
136 100

137 10.9 9.0 13.6

54 10.6 8.2 12.4

68 7.4 5.8 8.8





#23

Nitrobenzene-d5

Concen: 11.670 ng

RT: 8.910 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BP008426.D

Acq: 15 Dec 2021 20:23

Instrument :

BNA_P

ClientSampleId :

TR-04-121021

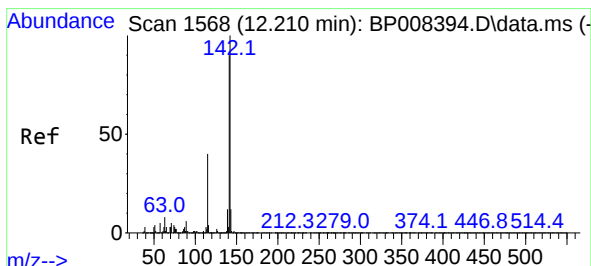
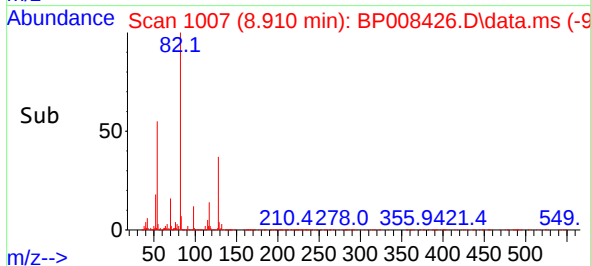
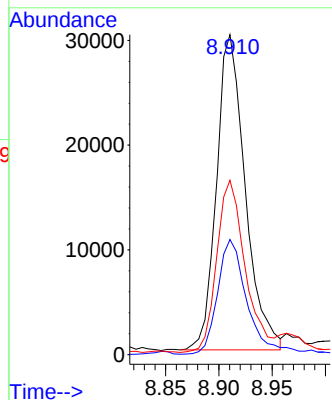
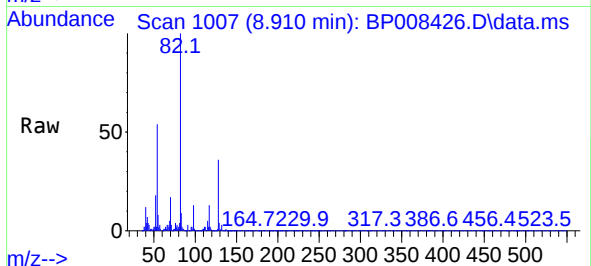
Tgt Ion: 82 Resp: 56368

Ion Ratio Lower Upper

82 100

128 36.0 29.6 44.4

54 54.5 42.7 64.1



#37

2-Methylnaphthalene

Concen: 2.300 ng

RT: 12.210 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BP008426.D

Acq: 15 Dec 2021 20:23

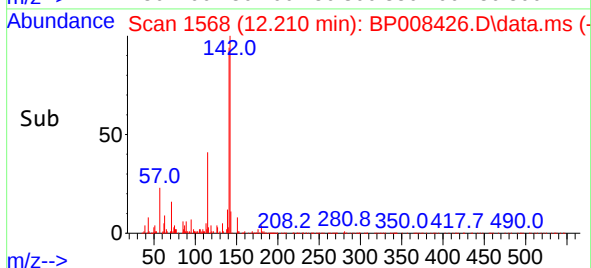
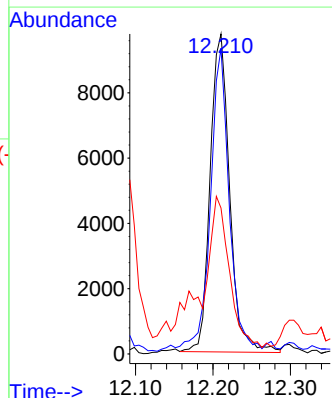
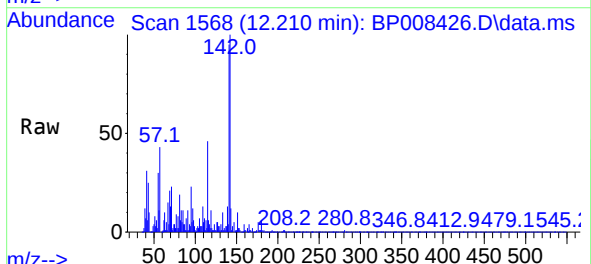
Tgt Ion: 142 Resp: 17009

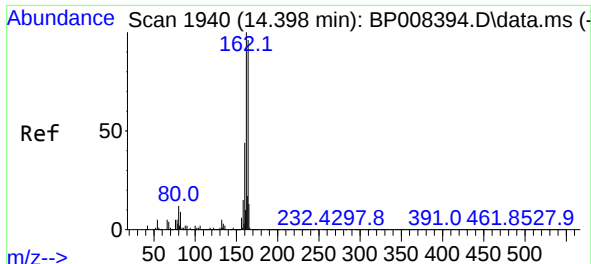
Ion Ratio Lower Upper

142 100

141 95.5 70.7 106.1

115 45.6 30.9 46.3

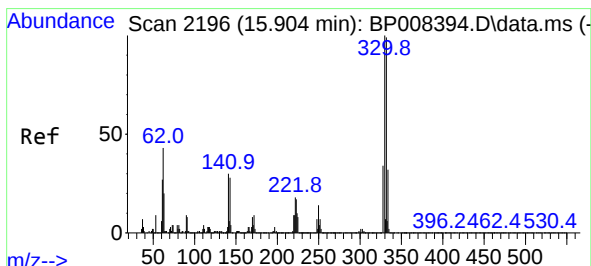
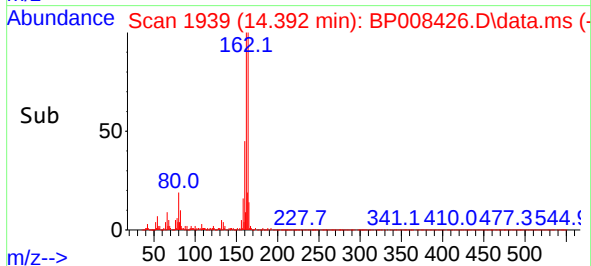
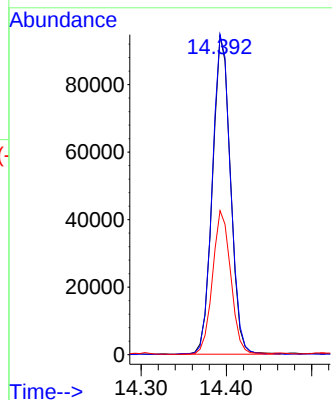
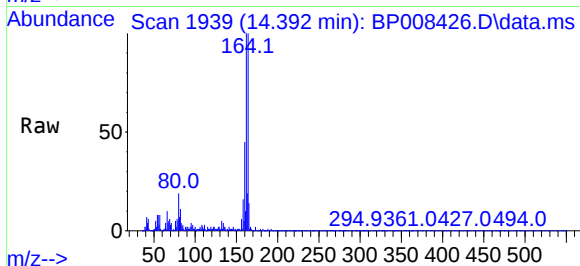




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

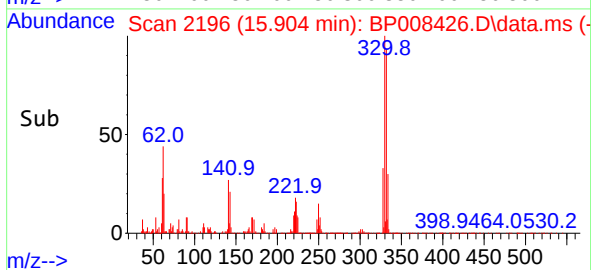
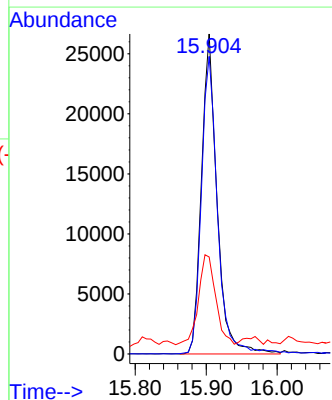
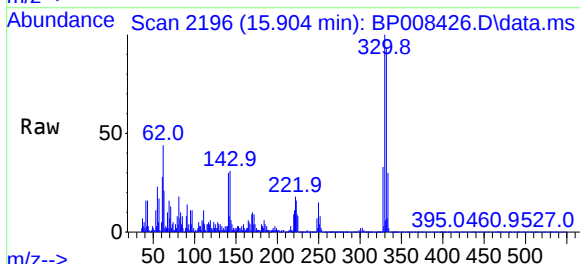
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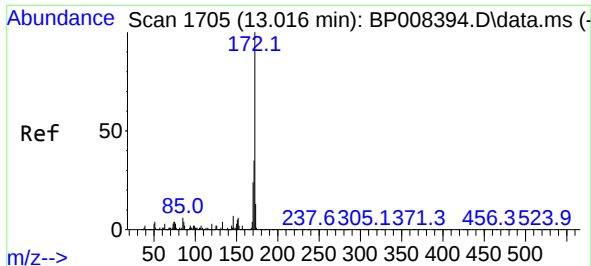
Tgt Ion:164 Resp: 138110
Ion Ratio Lower Upper
164 100
162 100.3 81.9 122.9
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 20.067 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

Tgt Ion:330 Resp: 40728
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 31.0 28.4 42.6

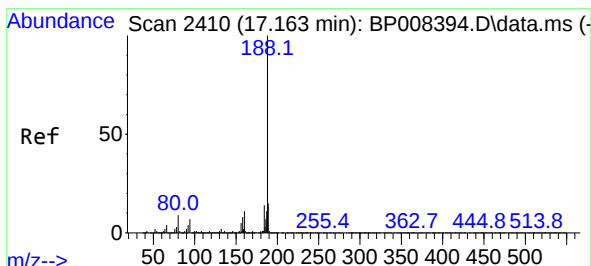
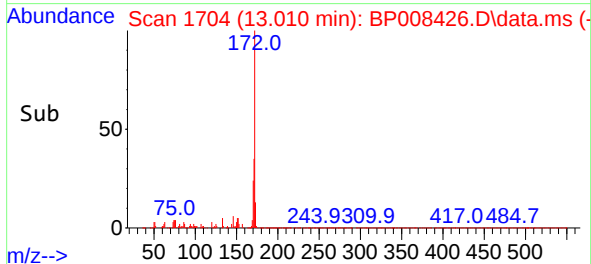
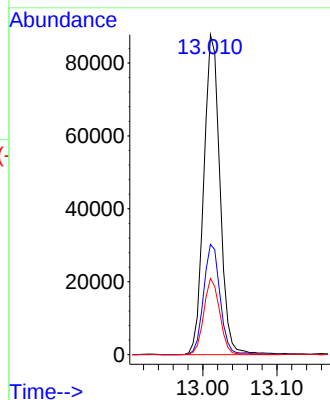
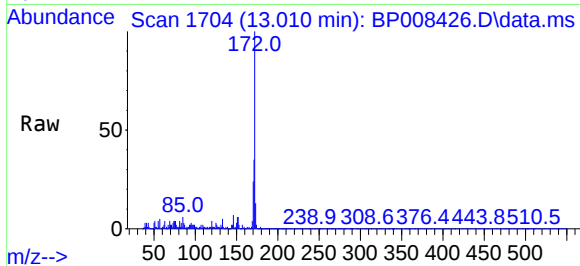




#45
2-Fluorobiphenyl
Concen: 12.278 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

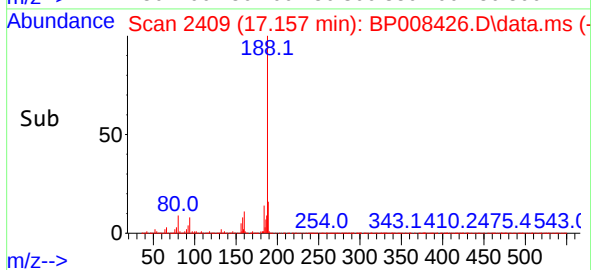
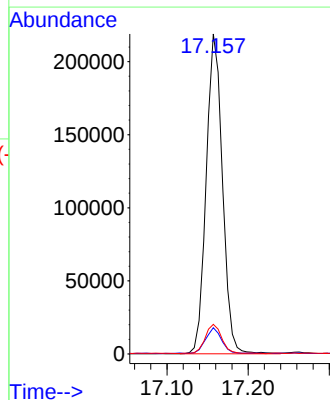
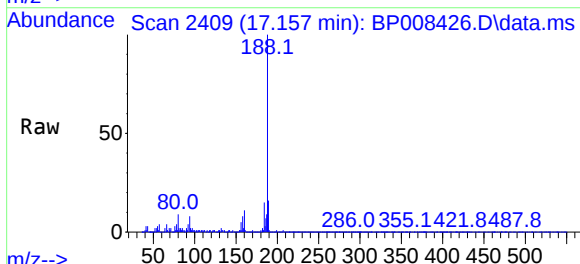
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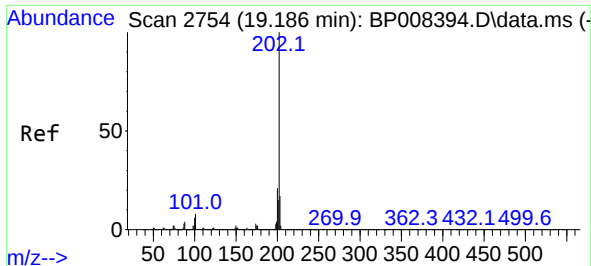
Tgt Ion:172 Resp: 133398
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

Tgt Ion:188 Resp: 303988
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.3 8.2 12.4

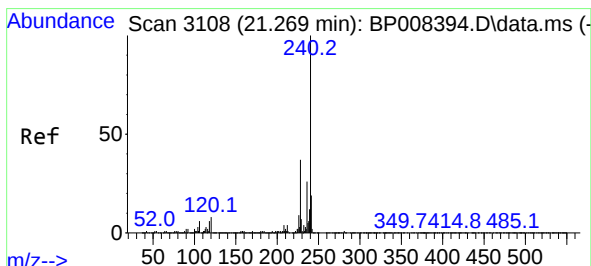
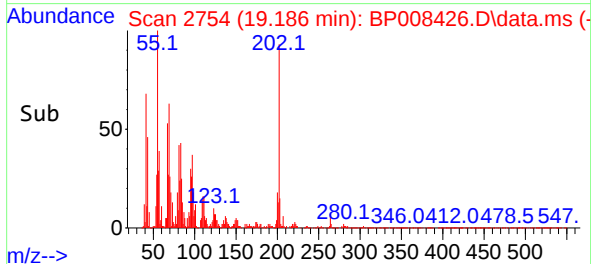
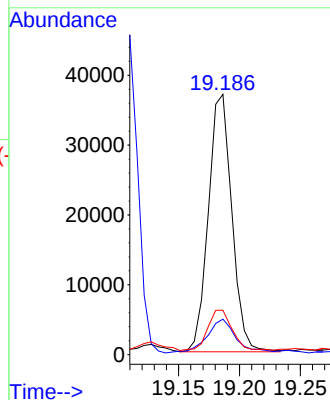
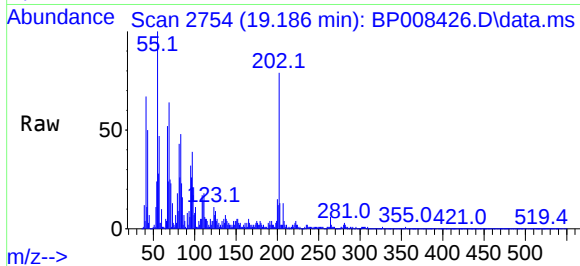




#75
Fluoranthene
Concen: 2.664 ng
RT: 19.186 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

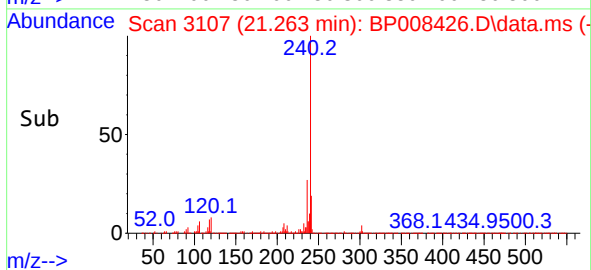
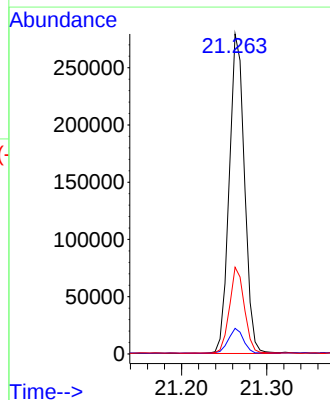
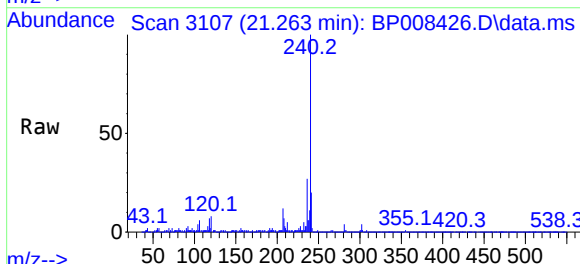
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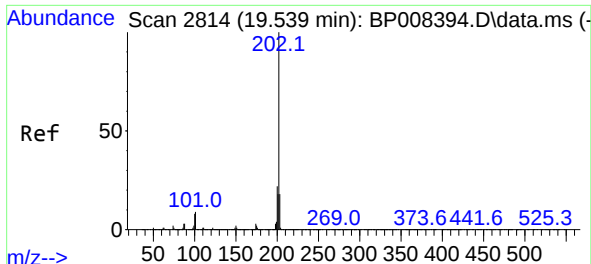
Tgt Ion:	202	Resp:	49525
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	29.8
203	17.1	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

Tgt Ion:	240	Resp:	349090
Ion Ratio	Lower	Upper	
240	100		
120	8.0	7.3	10.9
236	27.1	21.4	32.2

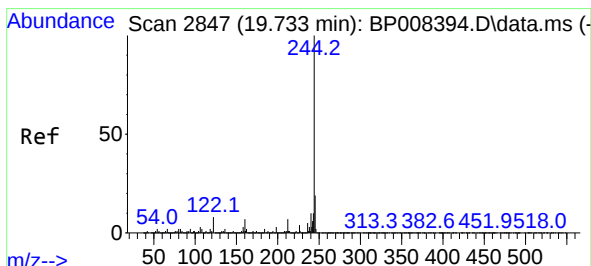
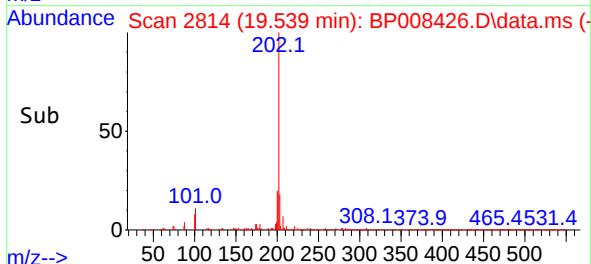
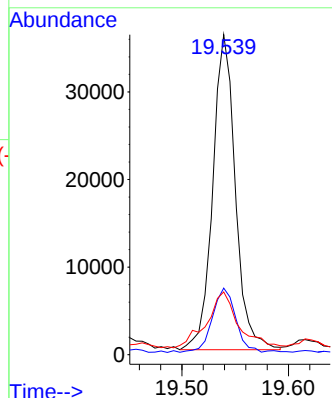
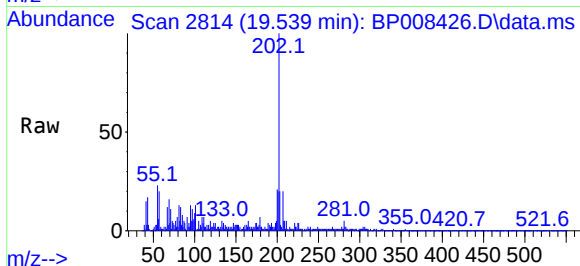




#78
Pyrene
Concen: 2.129 ng
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

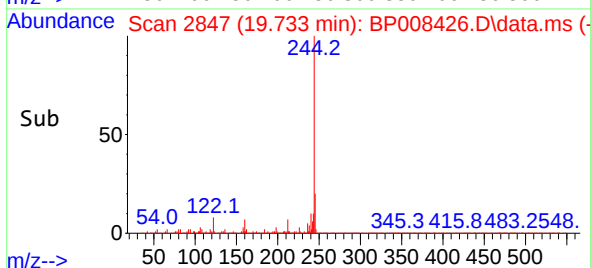
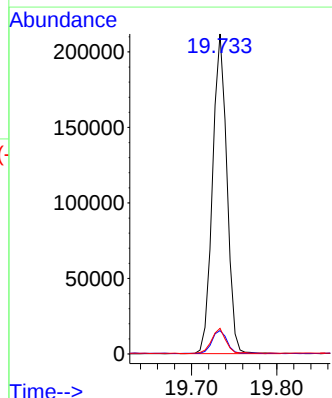
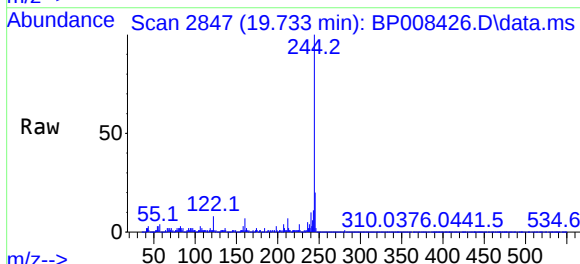
Instrument :
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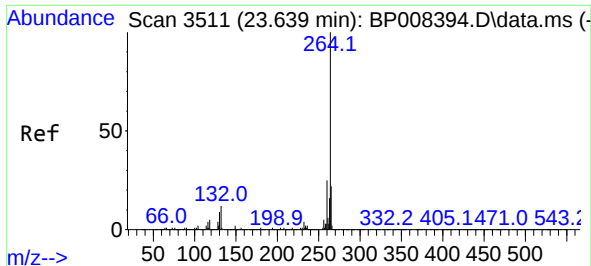
Tgt Ion:	202	Resp:	53165
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	19.6	14.2	21.2



#79
Terphenyl-d14
Concen: 12.331 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

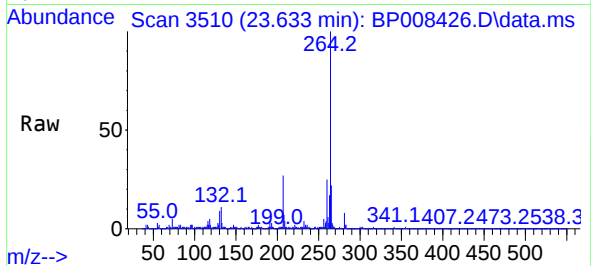
Tgt Ion:	244	Resp:	247337
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	8.0	6.6	9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008426.D
Acq: 15 Dec 2021 20:23

Instrument :
BNA_P
ClientSampleId :
TR-04-121021



Tgt Ion:264 Resp: 397474

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.4	17.6	26.4

