

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008270.D
 Acq On : 08 Dec 2021 02:17
 Operator : CG/JU
 Sample : M4918-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-38DL

Quant Time: Dec 08 02:43:56 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)

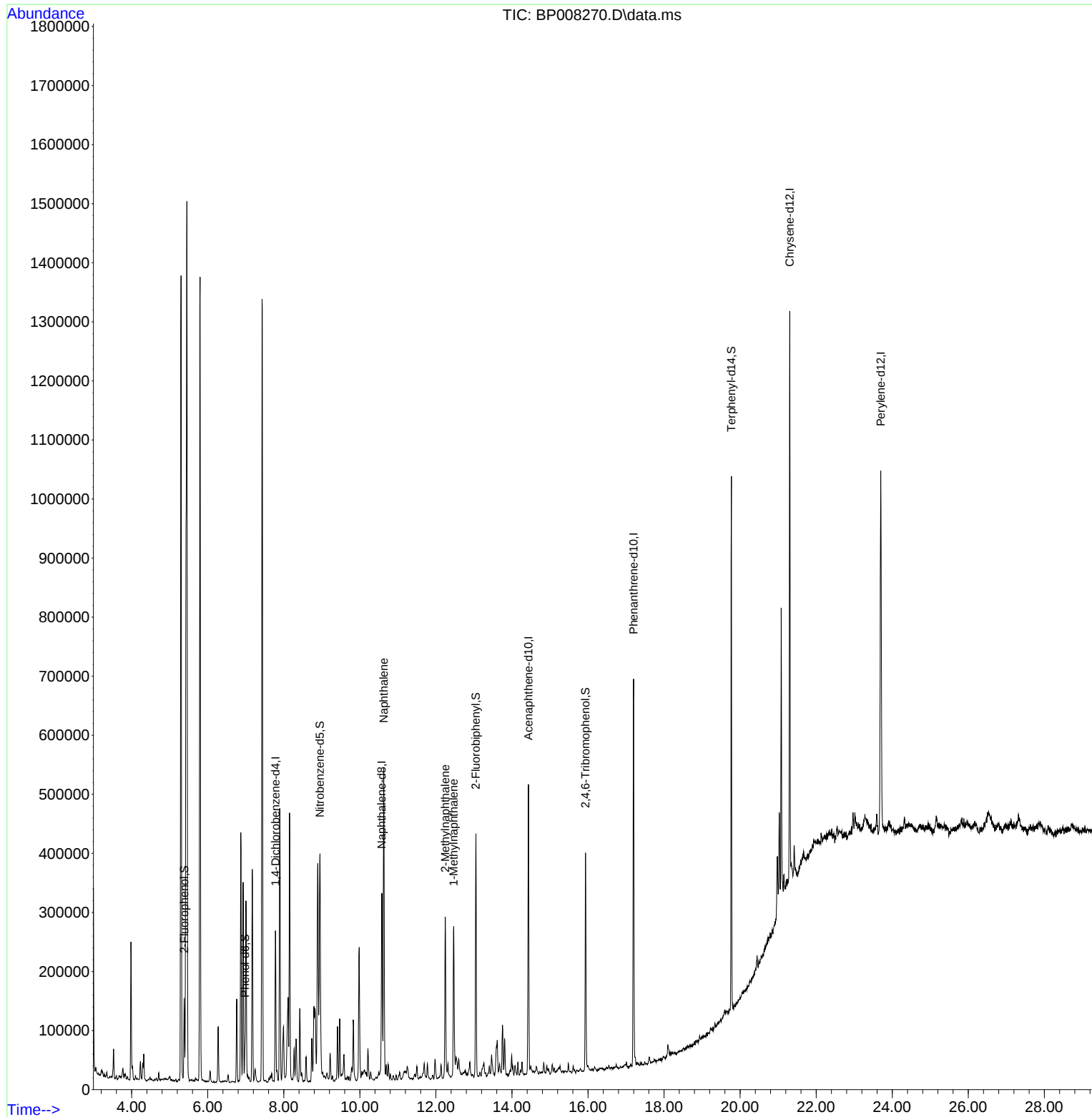
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	65660	20.000	ng	-0.02
21) Naphthalene-d8	10.575	136	244385	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	165644	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	392912	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	448776	20.000	ng	-0.01
86) Perylene-d12	23.698	264	486278	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	48930	11.998	ng	0.00
7) Phenol-d6	6.981	99	34688	6.301	ng	0.00
23) Nitrobenzene-d5	8.946	82	91491	17.024	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	70392	33.248	ng	-0.02
45) 2-Fluorobiphenyl	13.052	172	204585	17.940	ng	-0.02
79) Terphenyl-d14	19.769	244	402664	18.752	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.628	128	383473	30.631	ng	99
37) 2-Methylnaphthalene	12.246	142	122959	13.887	ng	97
38) 1-Methylnaphthalene	12.463	142	91881	10.661	ng	98

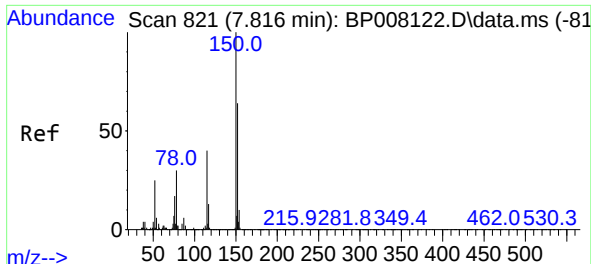
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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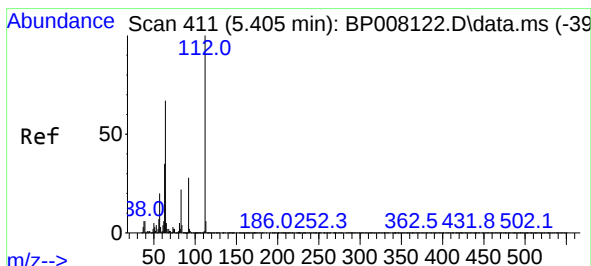
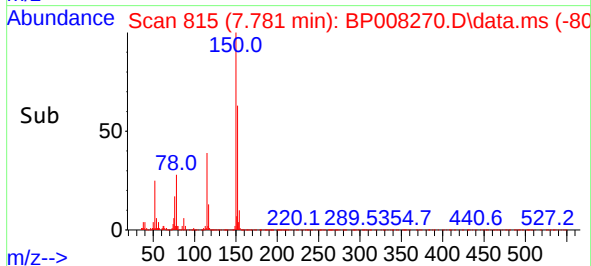
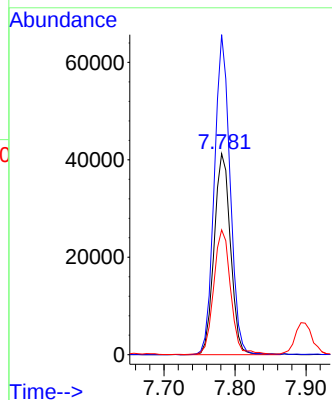
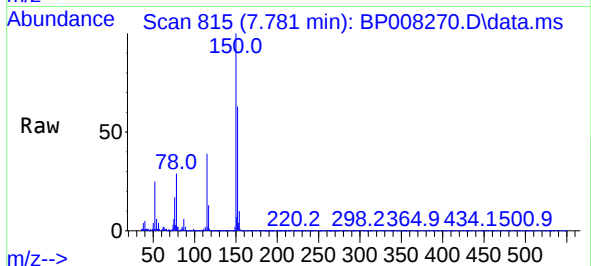




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

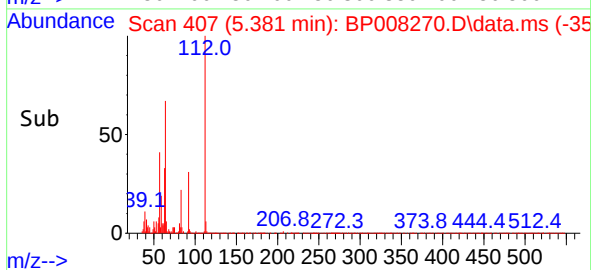
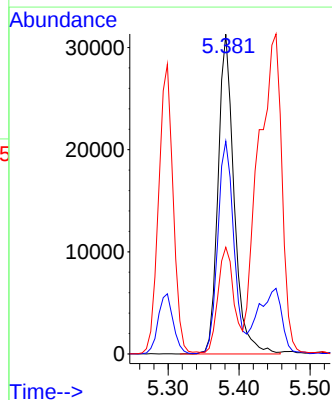
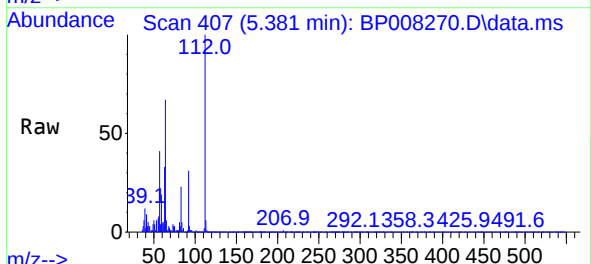
Instrument :
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ClientSampleId :
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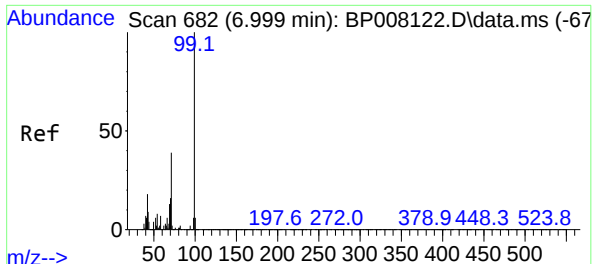
Tgt Ion:152 Resp: 65660
Ion Ratio Lower Upper
152 100
150 159.3 125.7 188.5
115 62.1 50.7 76.1



#5
2-Fluorophenol
Concen: 11.998 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion:112 Resp: 48930
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 33.4 27.8 41.8

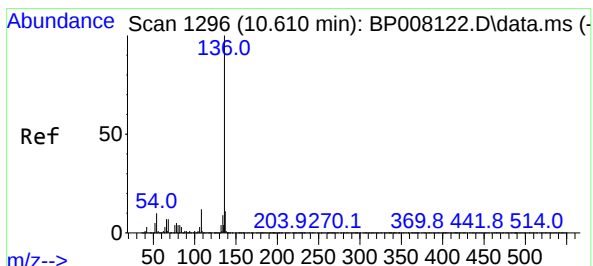
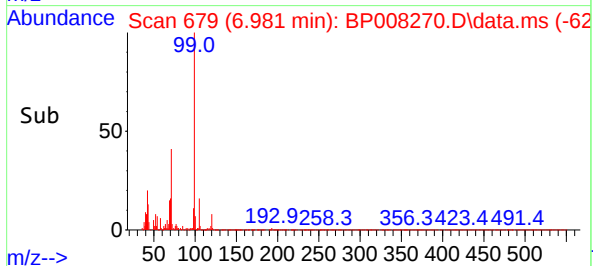
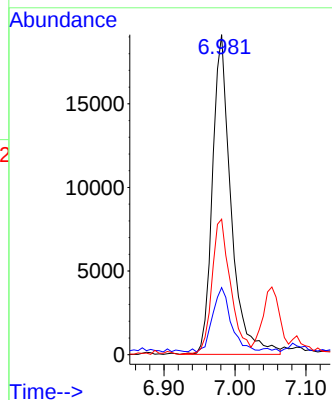
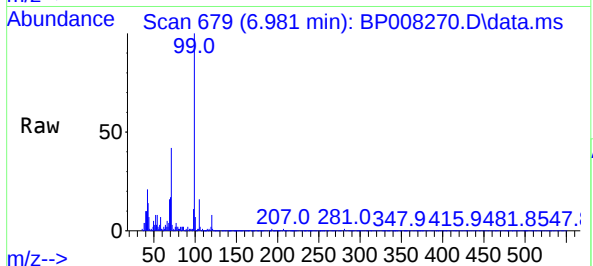




#7
Phenol-d6
Concen: 6.301 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

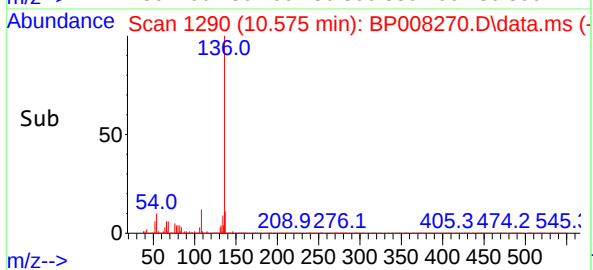
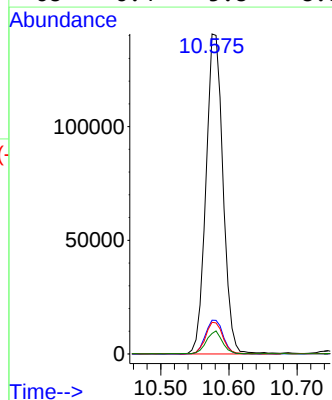
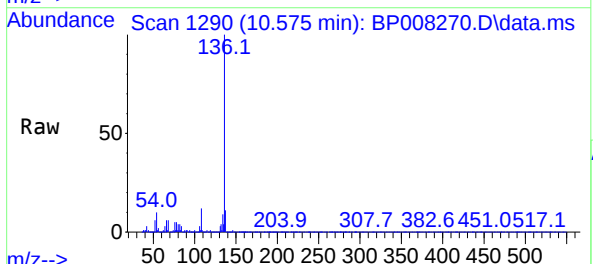
Instrument :
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ClientSampleId :
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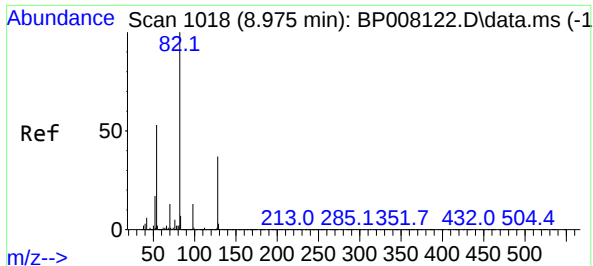
Tgt Ion: 99 Resp: 34688
Ion Ratio Lower Upper
99 100
42 21.0 14.6 22.0
71 42.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.023 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion: 136 Resp: 244385
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.9 8.2 12.4
68 6.4 5.8 8.8

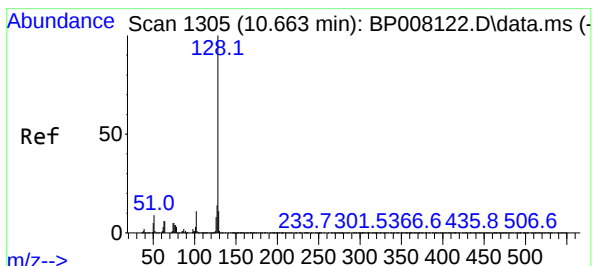
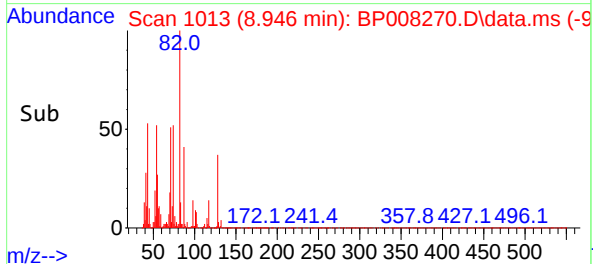
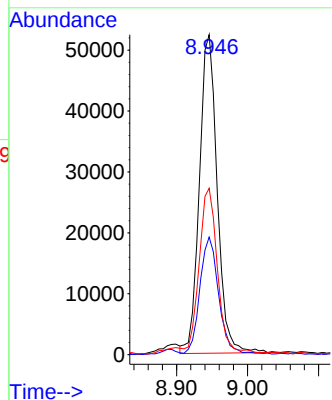
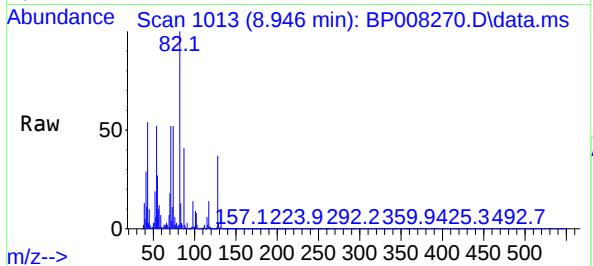




#23
Nitrobenzene-d5
Concen: 17.024 ng
RT: 8.946 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

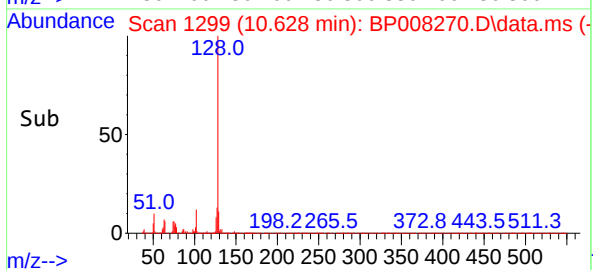
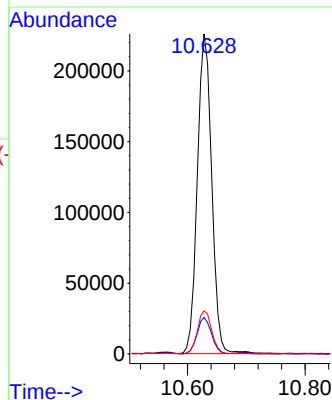
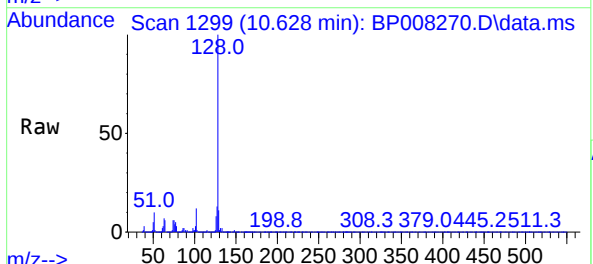
Instrument :
BNA_P
ClientSampleId :
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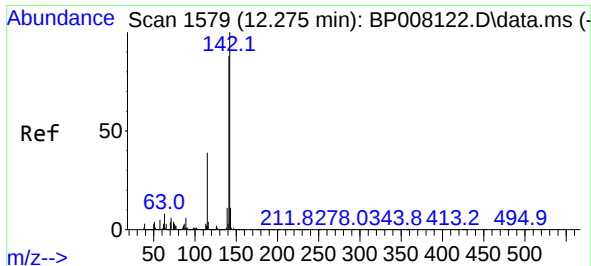
Tgt Ion: 82 Resp: 91491
Ion Ratio Lower Upper
82 100
128 36.7 29.6 44.4
54 52.0 42.7 64.1



#31
Naphthalene
Concen: 30.631 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion: 128 Resp: 383473
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.4 10.9 16.3

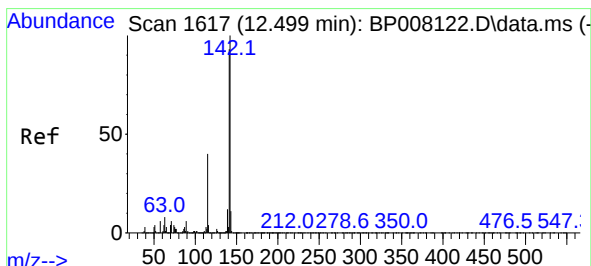
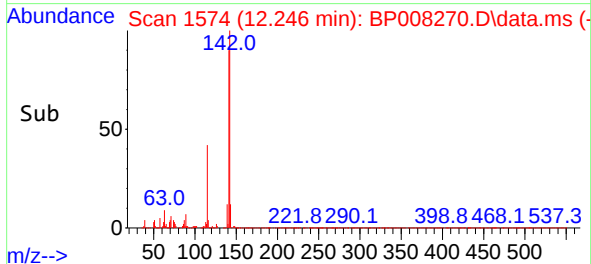
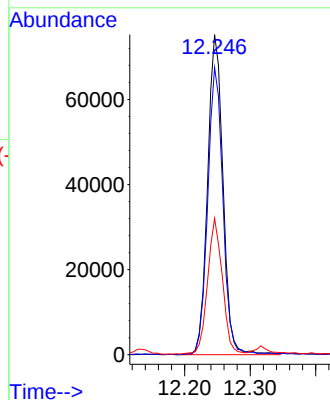
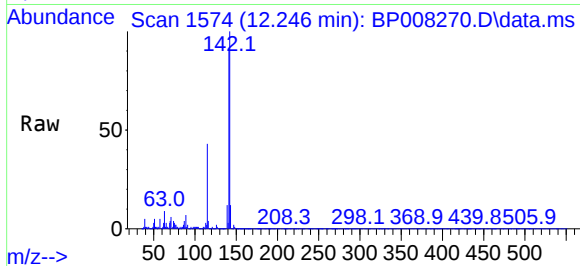




#37
2-Methylnaphthalene
Concen: 13.887 ng
RT: 12.246 min Scan# 1611
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

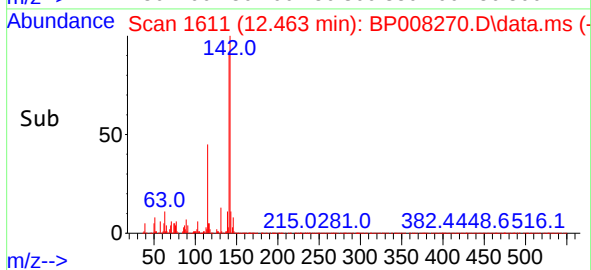
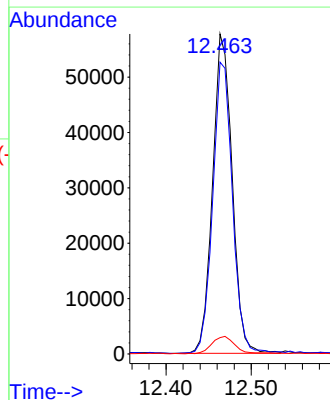
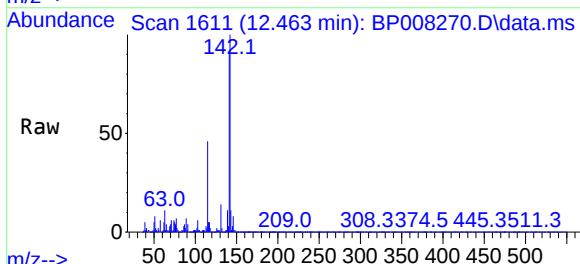
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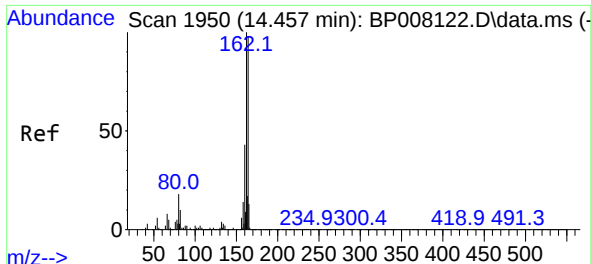
Tgt Ion:142 Resp: 122959
Ion Ratio Lower Upper
142 100
141 89.7 70.7 106.1
115 42.6 30.9 46.3



#38
1-Methylnaphthalene
Concen: 10.661 ng
RT: 12.463 min Scan# 1611
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion:142 Resp: 91881
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4
116 5.1 3.4 5.2

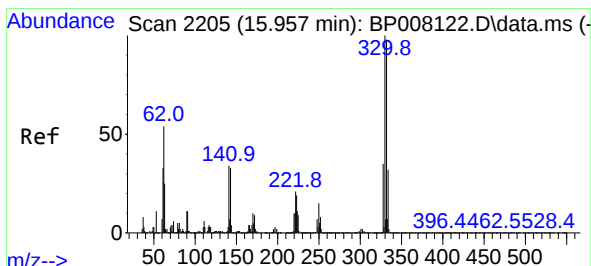
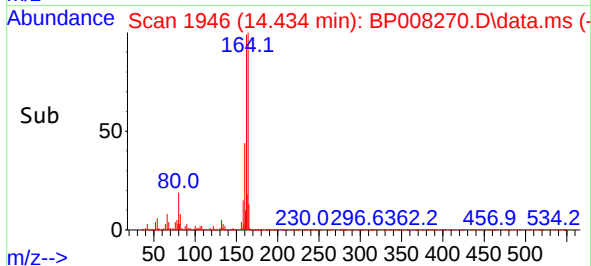
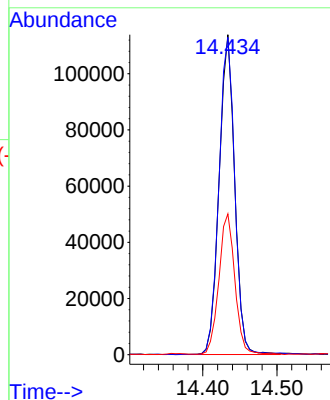
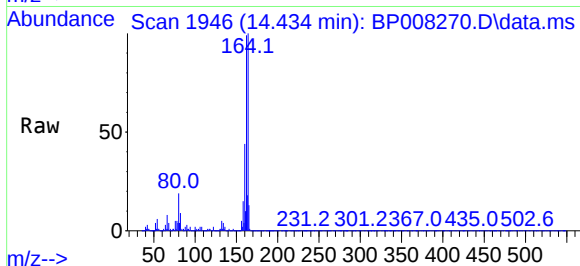




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

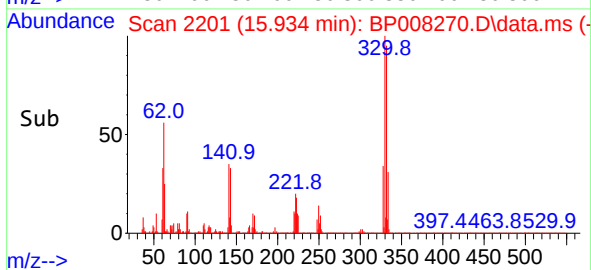
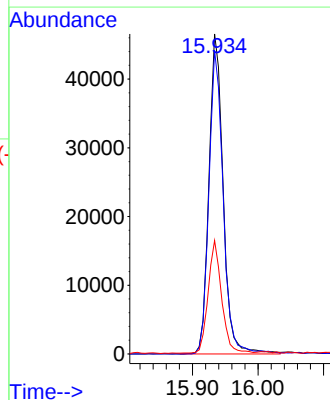
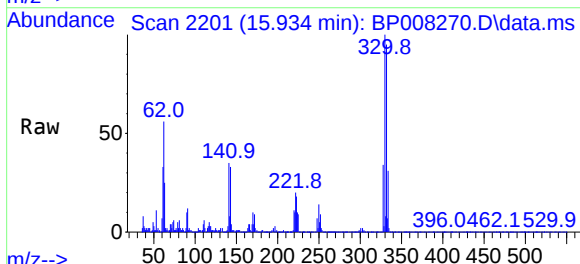
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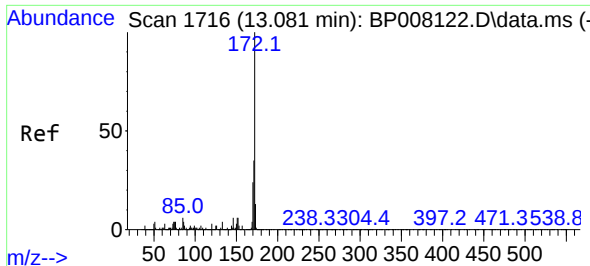
Tgt Ion:164 Resp: 165644
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 33.248 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion:330 Resp: 70392
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 33.8 28.4 42.6

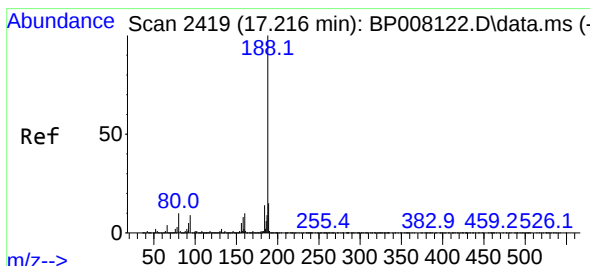
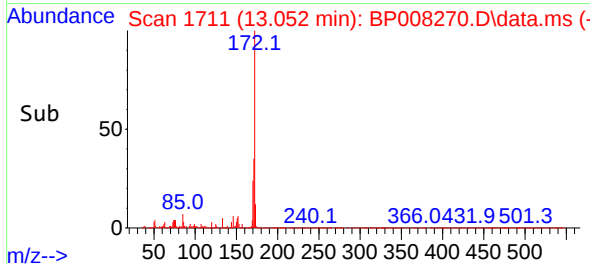
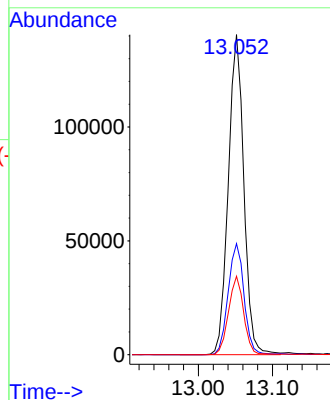
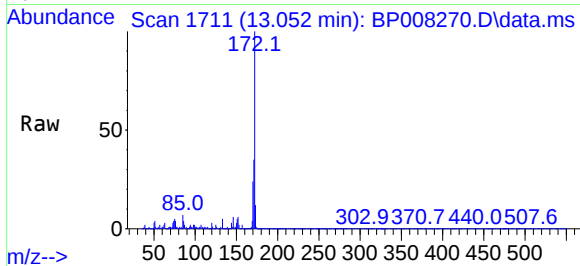




#45
2-Fluorobiphenyl
Concen: 17.940 ng
RT: 13.052 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

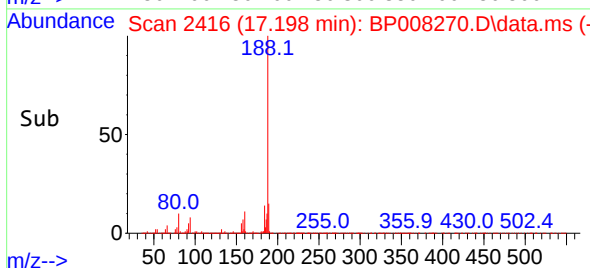
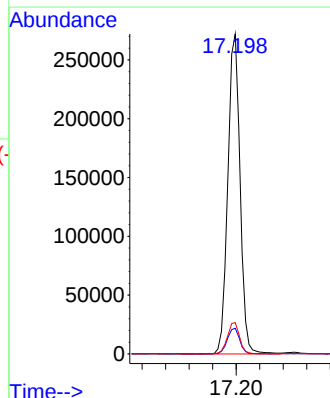
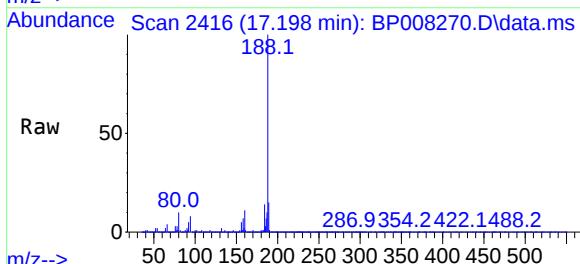
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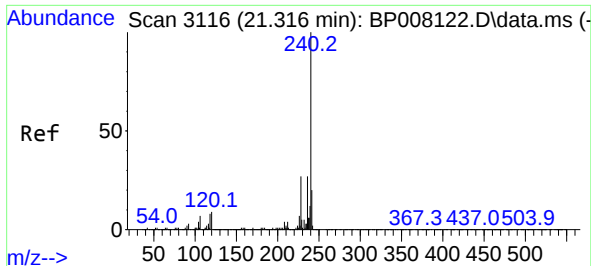
Tgt Ion:172 Resp: 204585
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 24.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion:188 Resp: 392912
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.8 8.2 12.4

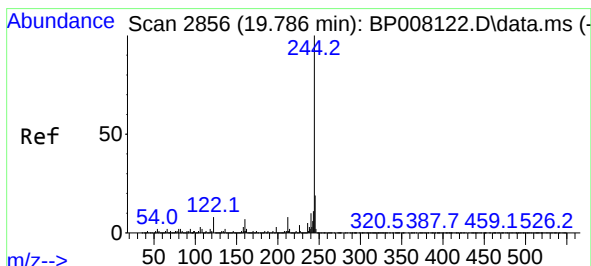
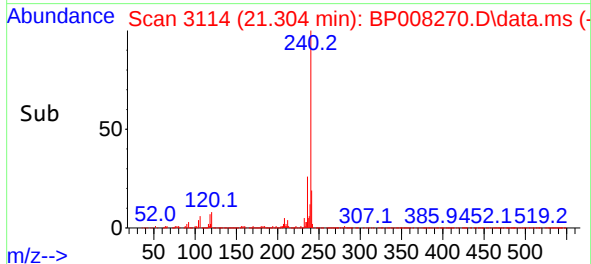
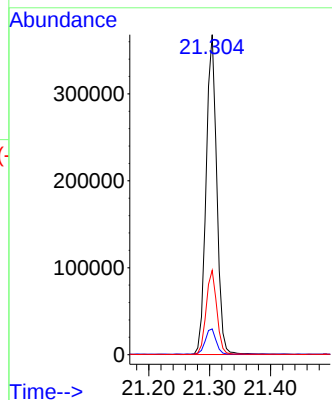
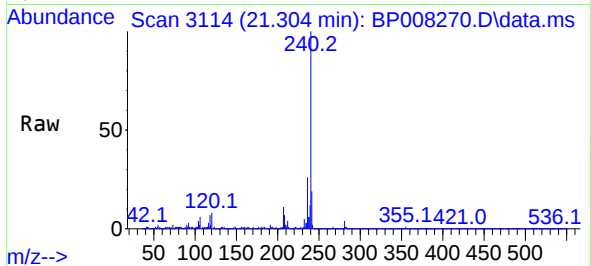




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

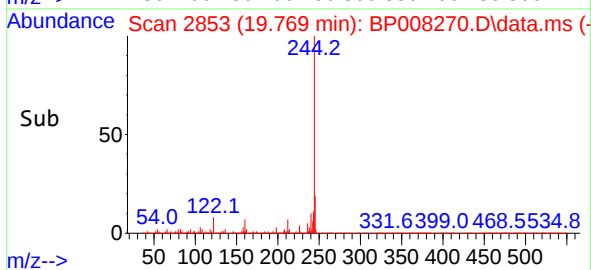
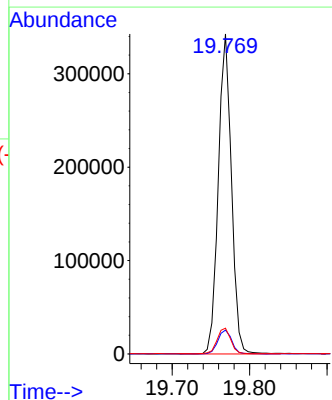
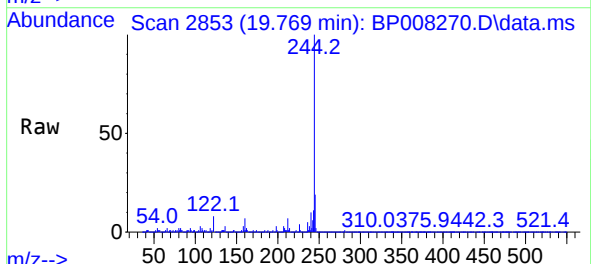
Instrument :
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MW-38DL

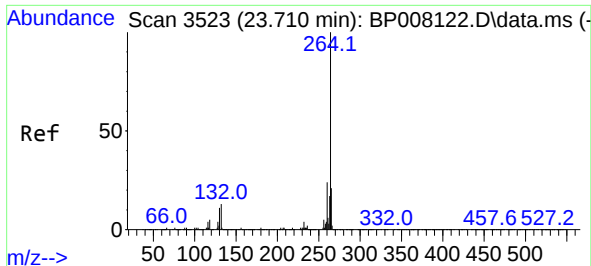
Tgt Ion:240 Resp: 448776
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 18.752 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Tgt Ion:244 Resp: 402664
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 8.0 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008270.D
Acq: 08 Dec 2021 02:17

Instrument :
BNA_P
ClientSampleId :
MW-38DL

Tgt Ion:264 Resp: 486278

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.3	17.6	26.4

