

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082721\
 Data File : BM031927.D
 Acq On : 27 Aug 2021 14:40
 Operator : CG/JU
 Sample : M3528-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-3-082421

Quant Time: Aug 27 15:29:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 14:24:44 2021
 Response via : Initial Calibration

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

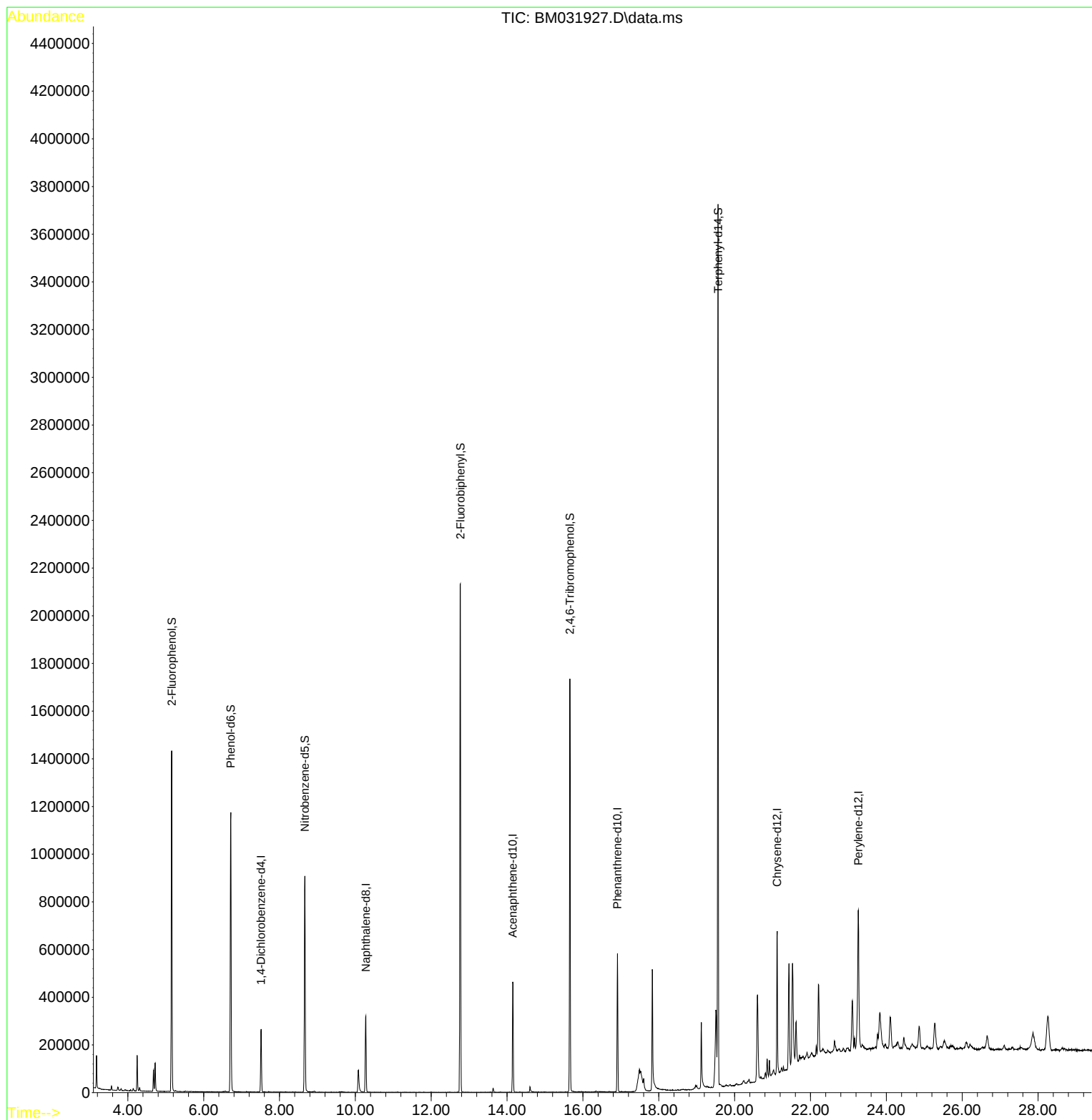
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	63283	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	249465	20.000	ng	0.00
39) Acenaphthene-d10	14.151	164	152950	20.000	ng	0.00
64) Phenanthrene-d10	16.910	188	303167	20.000	ng	0.00
76) Chrysene-d12	21.121	240	257570	20.000	ng	0.00
86) Perylene-d12	23.262	264	258851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	523651	132.166	ng	0.00
7) Phenol-d6	6.716	99	585570	103.072	ng	0.00
23) Nitrobenzene-d5	8.669	82	498405	90.373	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	221738	134.300	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	1004139	88.788	ng	0.00
79) Terphenyl-d14	19.562	244	1407701	87.860	ng	0.00
Target Compounds						
9) Benzaldehyde	6.716	77	1887	Below Cal	Qvalue #	7

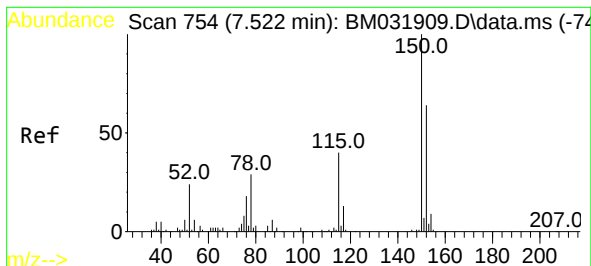
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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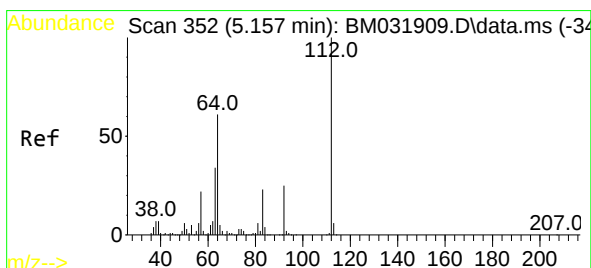
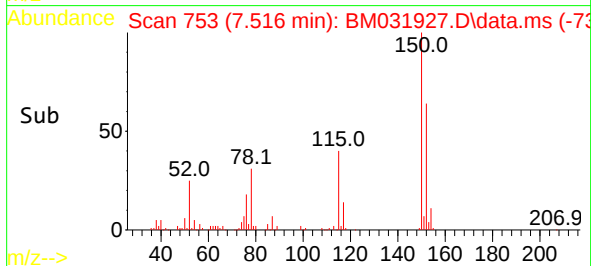
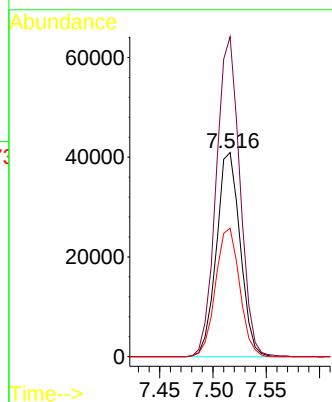
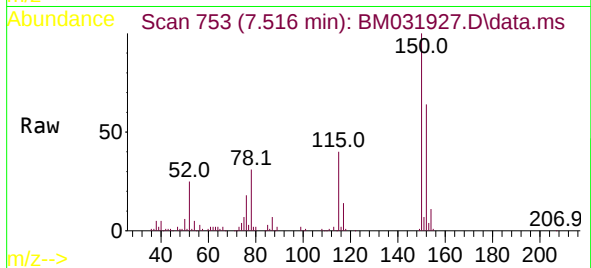




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

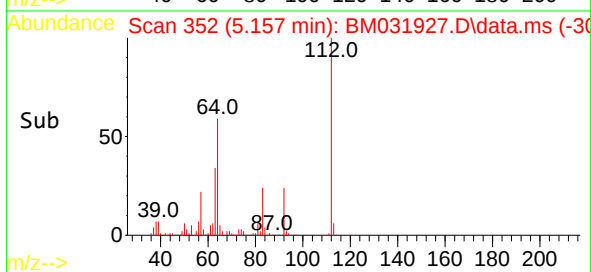
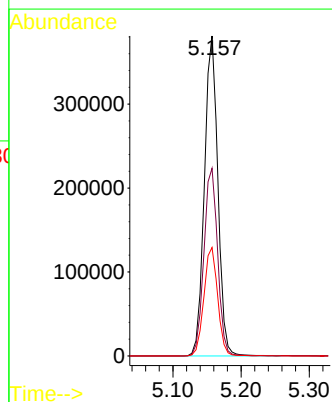
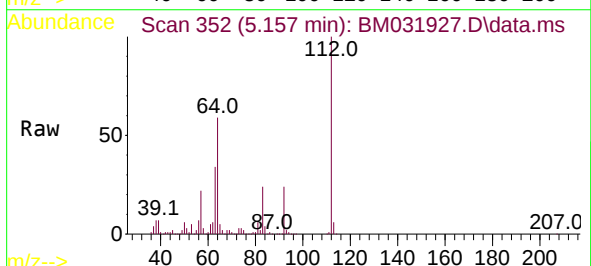
Instrument :
BNA_M
ClientSampleId :
PT-3-082421

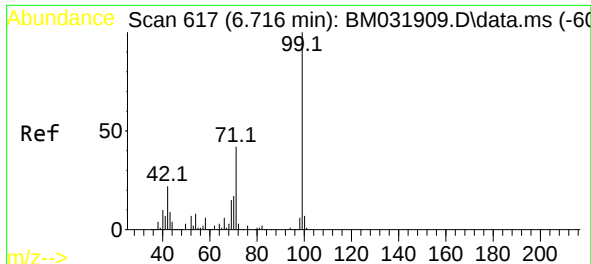
Tgt Ion:152 Resp: 63283
Ion Ratio Lower Upper
152 100
150 156.7 122.4 183.6
115 62.9 53.8 80.8



#5
2-Fluorophenol
Concen: 132.166 ng
RT: 5.157 min Scan# 352
Delta R.T. 0.000 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

Tgt Ion:112 Resp: 523651
Ion Ratio Lower Upper
112 100
64 58.7 53.7 80.5
63 33.9 33.9 50.9

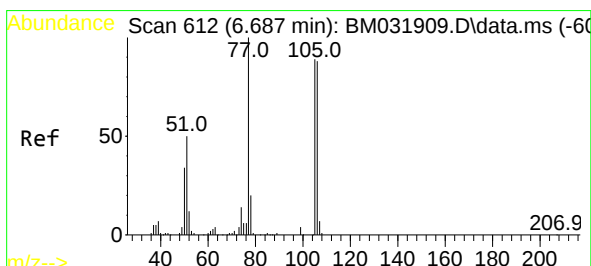
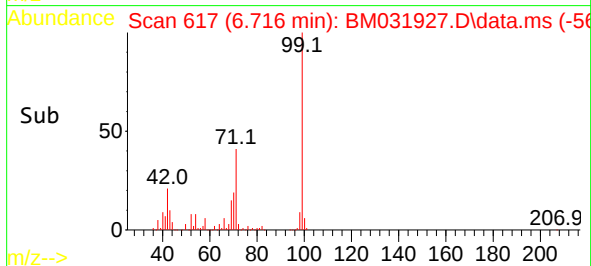
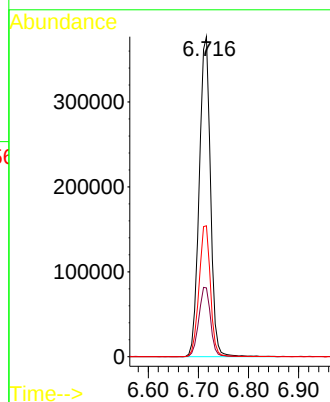
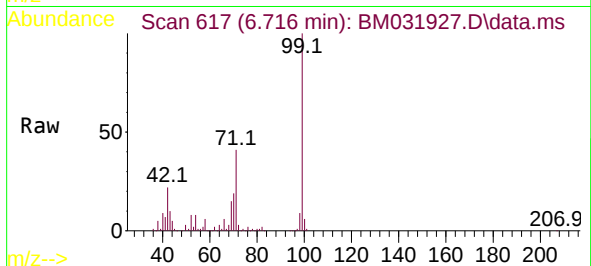




#7
Phenol-d6
Concen: 103.072 ng
RT: 6.716 min Scan# 617
Delta R.T. 0.000 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

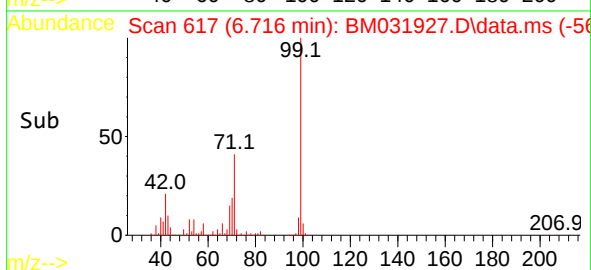
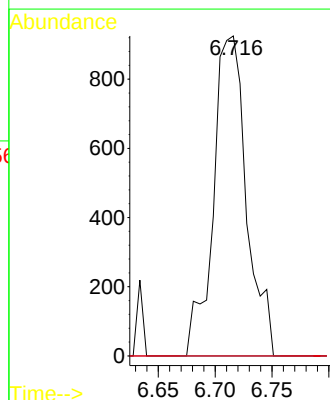
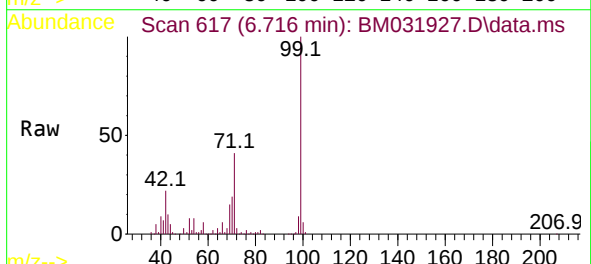
Instrument :
BNA_M
ClientSampleId :
PT-3-082421

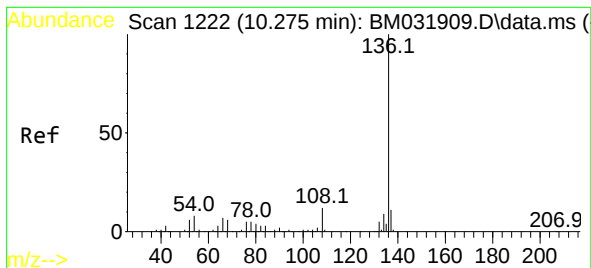
Tgt Ion: 99 Resp: 585570
Ion Ratio Lower Upper
99 100
42 21.5 23.0 34.6#
71 40.9 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.716 min Scan# 617
Delta R.T. 0.029 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

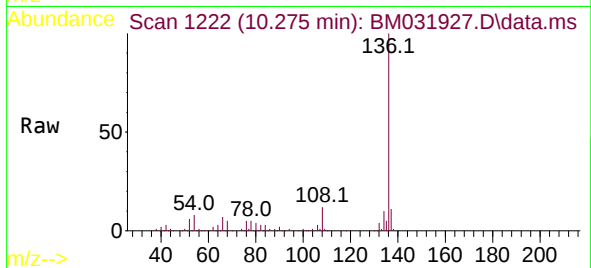
Tgt Ion: 77 Resp: 1887
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#



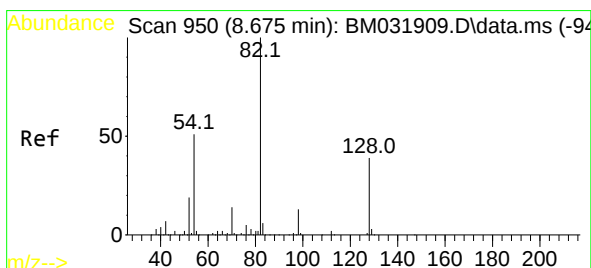
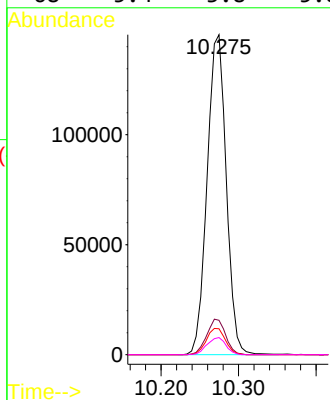


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

Instrument :
BNA_M
ClientSampleId :
PT-3-082421

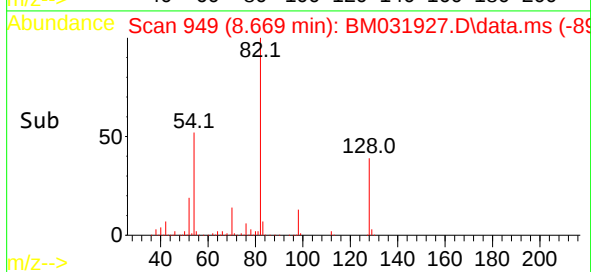
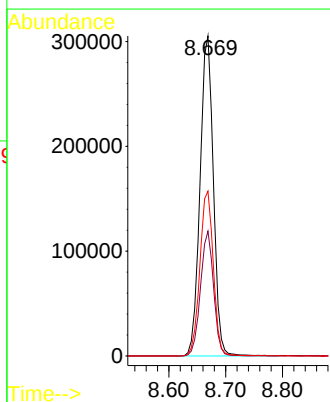
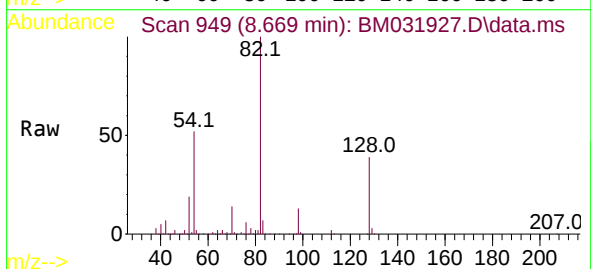


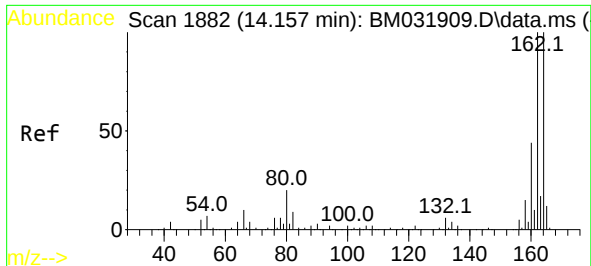
Tgt Ion:	136	Resp:	249465
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.1	7.4	11.0
68	5.4	3.8	5.8



#23
Nitrobenzene-d5
Concen: 90.373 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

Tgt Ion:	82	Resp:	498405
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.0	43.6
54	51.5	45.8	68.8

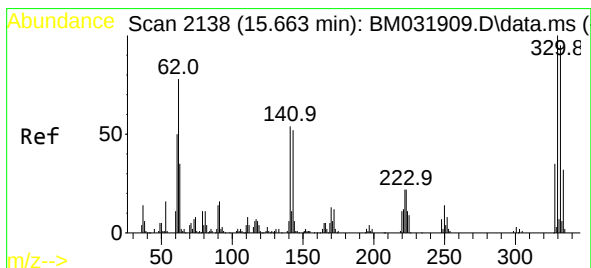
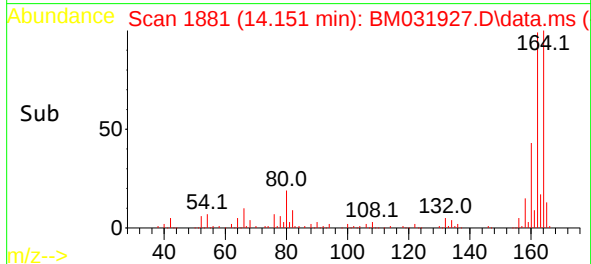
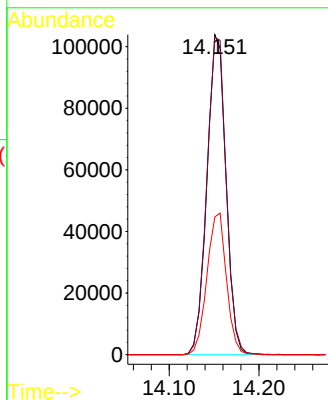
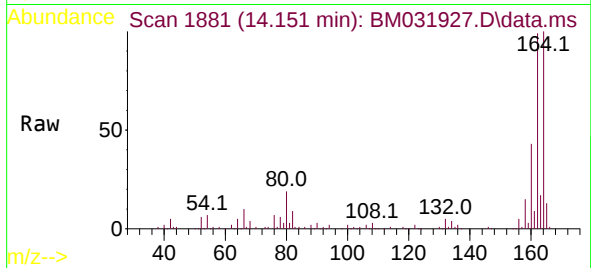




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

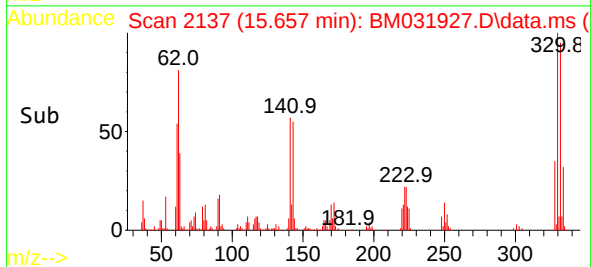
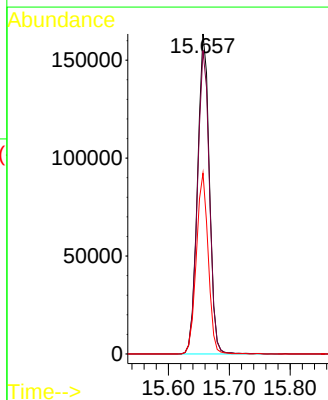
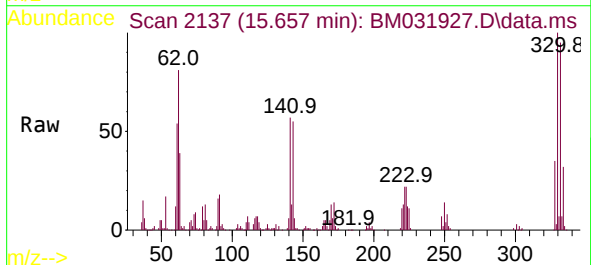
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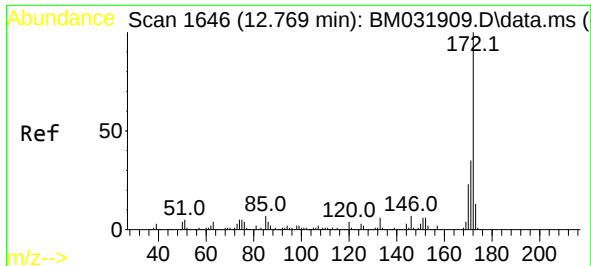
Tgt Ion:164 Resp: 152950
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 43.0 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 134.300 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

Tgt Ion:330 Resp: 221738
Ion Ratio Lower Upper
330 100
332 95.6 75.7 113.5
141 56.2 50.7 76.1

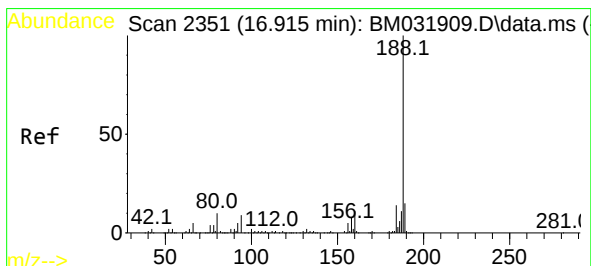
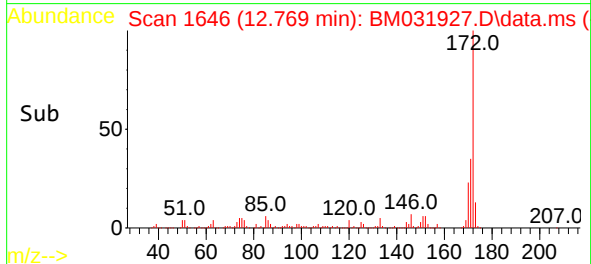
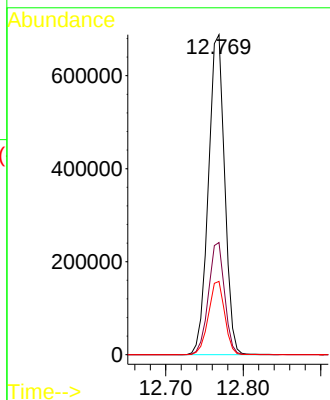
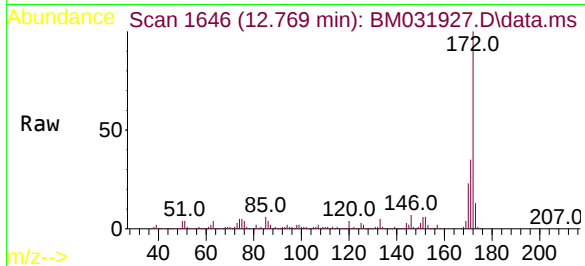




#45
2-Fluorobiphenyl
Concen: 88.788 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

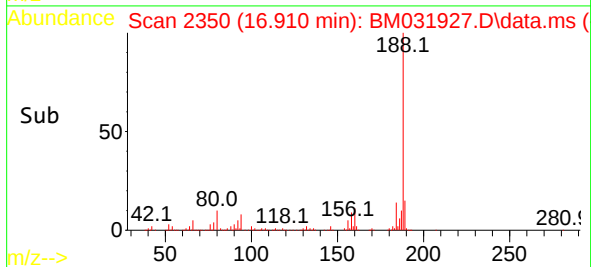
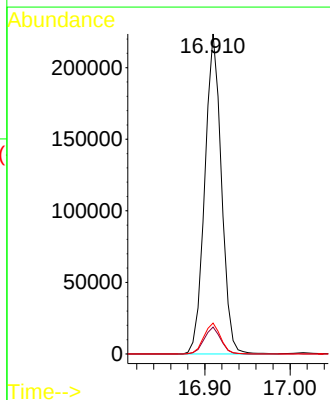
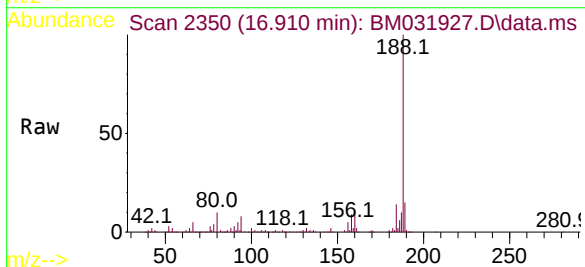
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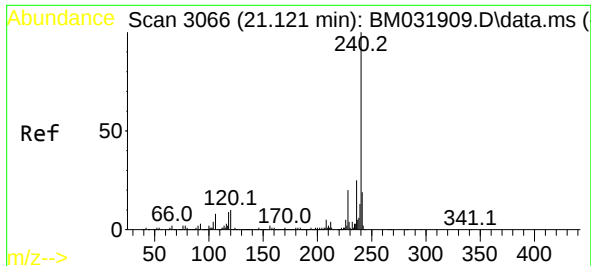
Tgt Ion:172 Resp: 1004139
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.9 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.910 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

Tgt Ion:188 Resp: 303167
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.6 7.3 10.9

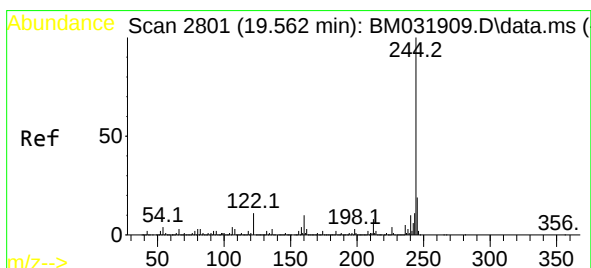
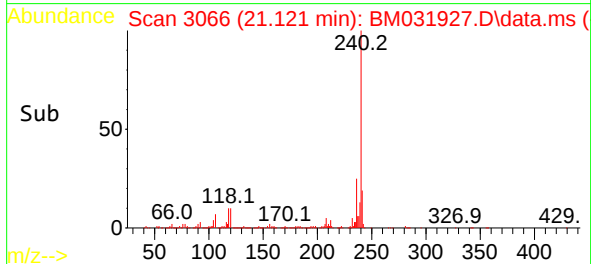
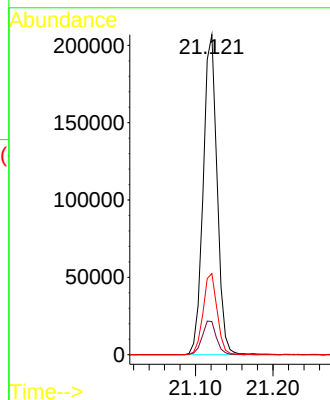
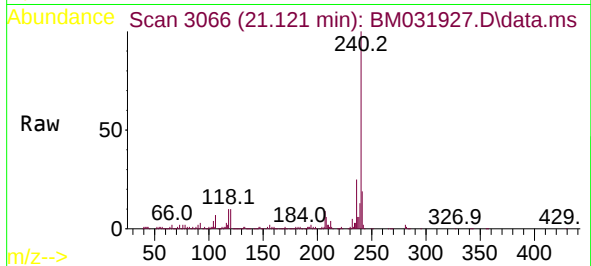




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.121 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

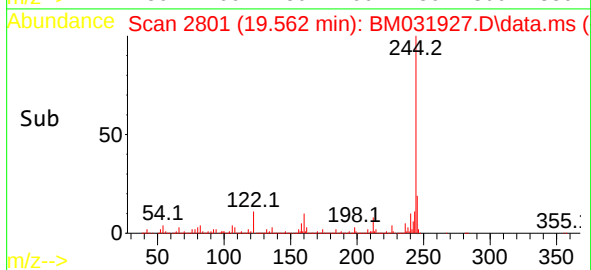
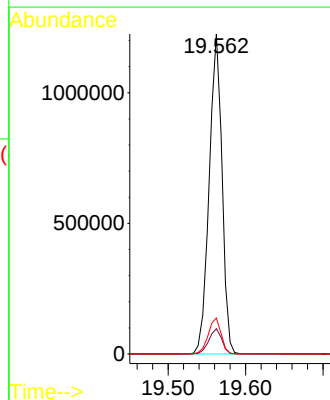
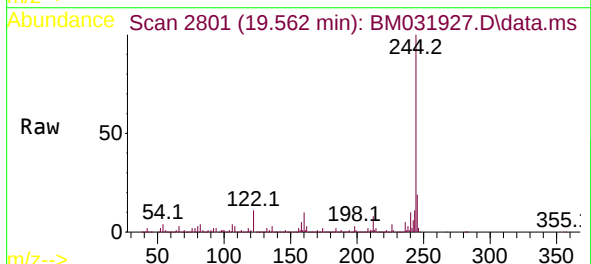
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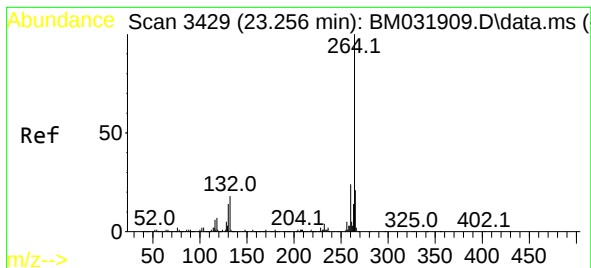
Tgt Ion:240 Resp: 257570
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 87.860 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM031927.D
Acq: 27 Aug 2021 14:40

Tgt Ion:244 Resp: 1407701
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.2 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.262 min Scan# 3430
 Delta R.T. 0.006 min
 Lab File: BM031927.D
 Acq: 27 Aug 2021 14:40

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 258851
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.3 18.3 27.5

