

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
 Data File : BM028144.D
 Acq On : 17 Dec 2020 16:57
 Operator : JU/CG
 Sample : L5115-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Dec 17 17:29:45 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 16 01:58:38 2020
 Response via : Initial Calibration

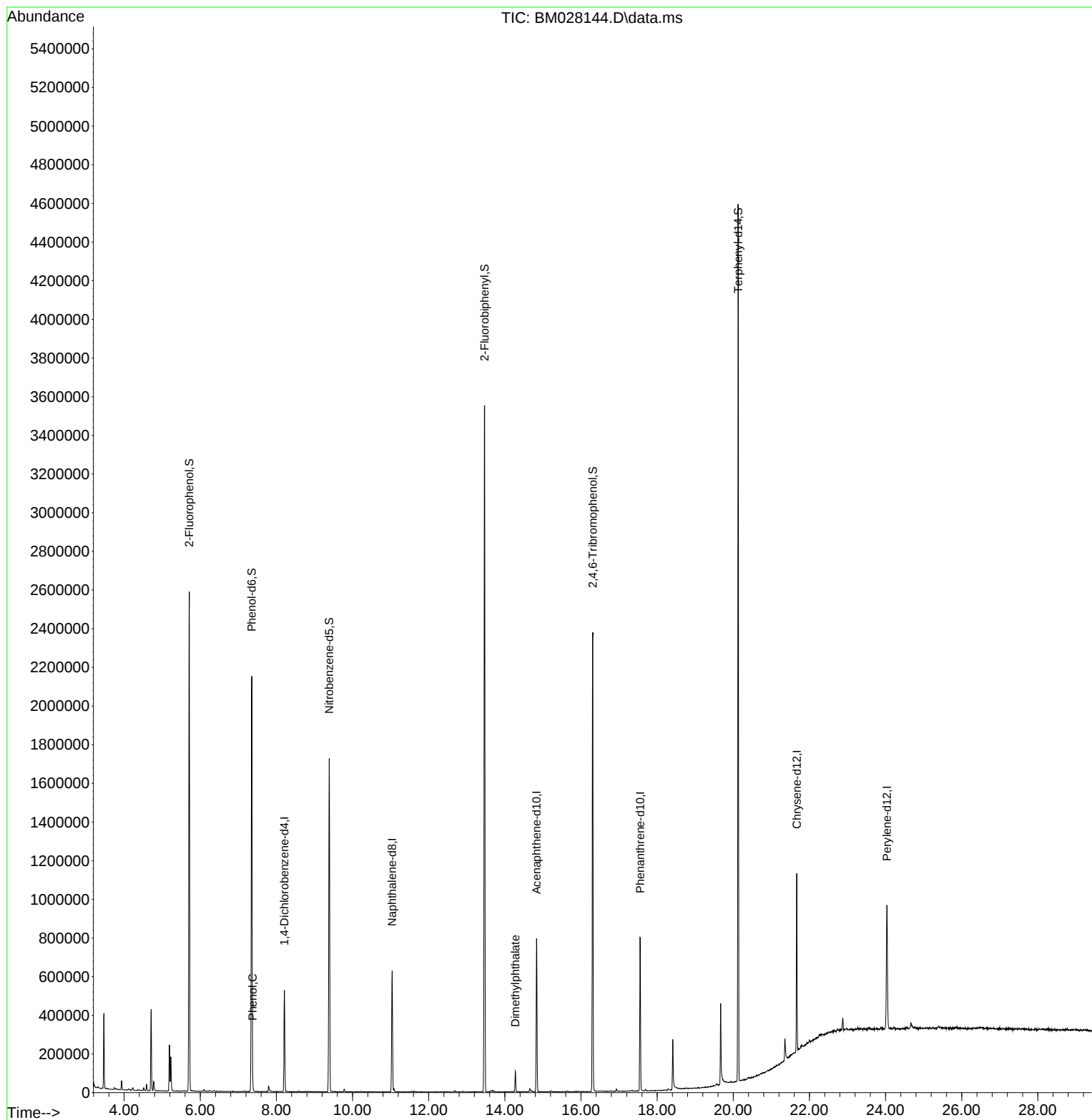
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.210	152	132847	20.00	ng	0.00
21) Naphthalene-d8	11.040	136	492759	20.00	ng	# 0.00
39) Acenaphthene-d10	14.834	164	248535	20.00	ng	-0.01
64) Phenanthrene-d10	17.557	188	459533	20.00	ng	0.00
76) Chrysene-d12	21.668	240	408139	20.00	ng	# 0.00
86) Perylene-d12	24.039	264	440250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.711	112	1024215	127.05	ng	0.00
7) Phenol-d6	7.352	99	1123052	97.56	ng	0.00
23) Nitrobenzene-d5	9.387	82	904202	91.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.310	330	387941	117.59	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	1754147	91.76	ng	0.00
79) Terphenyl-d14	20.127	244	1802873	80.15	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.375	94	24826	2.27	ng	93
32) Benzoic acid	10.228	122	1162	Below Cal	#	84
50) Dimethylphthalate	14.275	163	62519	3.03	ng	98

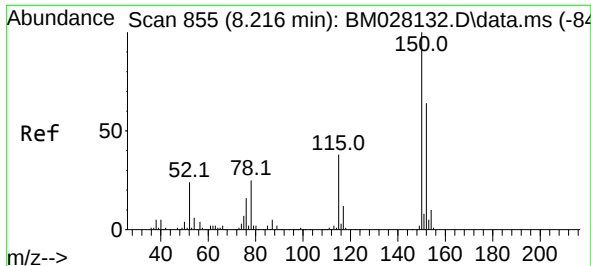
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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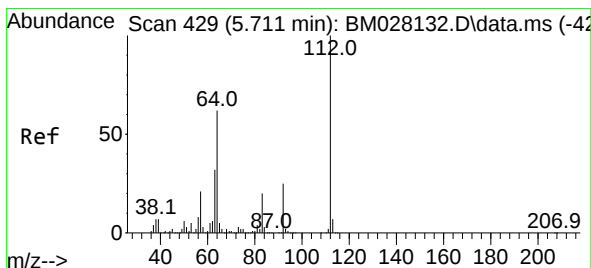
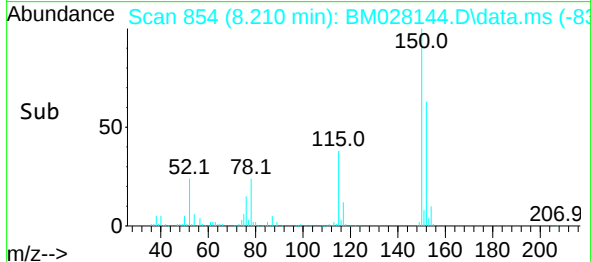
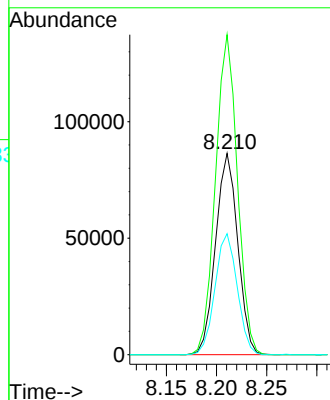
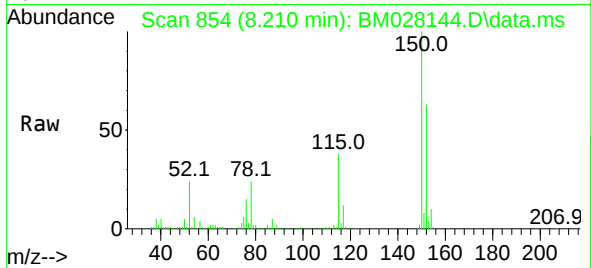




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

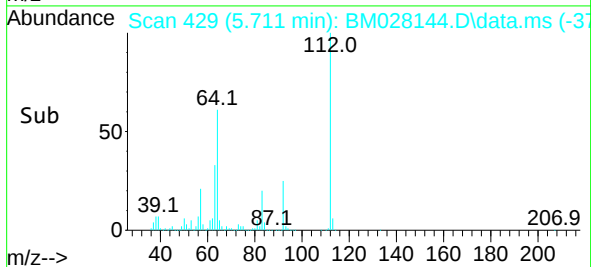
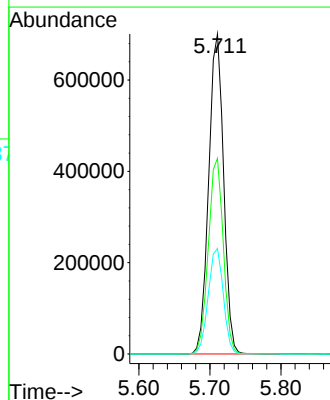
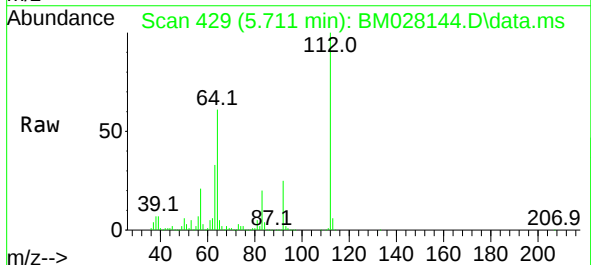
Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGS

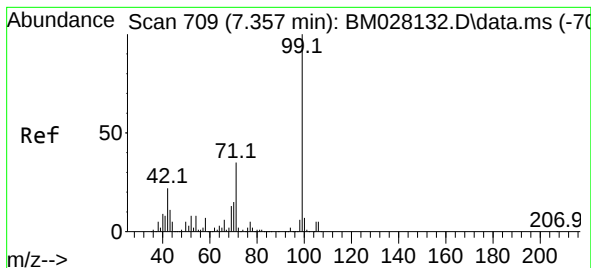
Tgt Ion:152 Resp: 132847
Ion Ratio Lower Upper
152 100
150 159.0 120.6 181.0
115 60.1 47.2 70.8



#5
2-Fluorophenol
Concen: 127.05 ng
RT: 5.711 min Scan# 429
Delta R.T. -0.000 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

Tgt Ion:112 Resp: 1024215
Ion Ratio Lower Upper
112 100
64 61.1 50.6 76.0
63 33.0 31.0 46.6

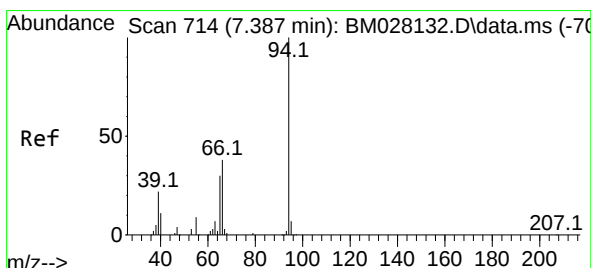
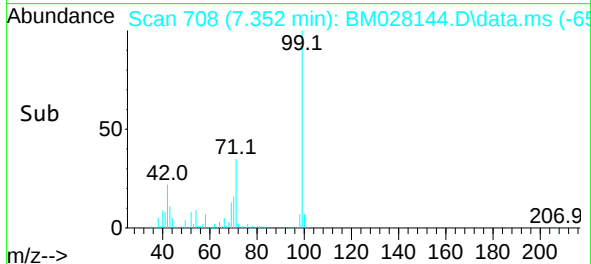
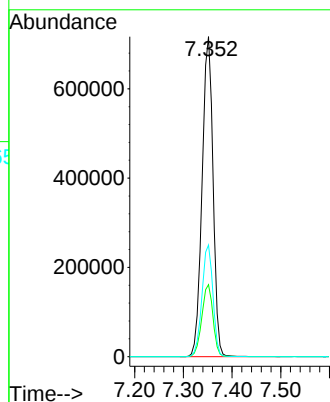
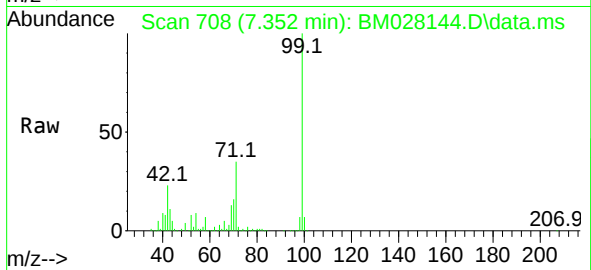




#7
Phenol-d6
Concen: 97.56 ng
RT: 7.352 min Scan# 708
Delta R.T. -0.005 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

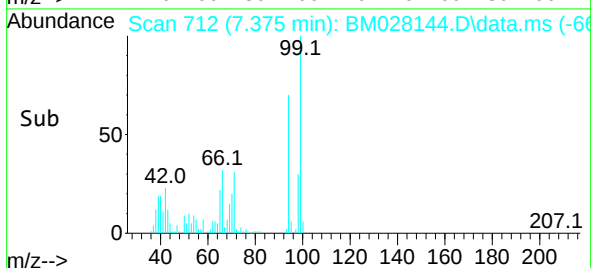
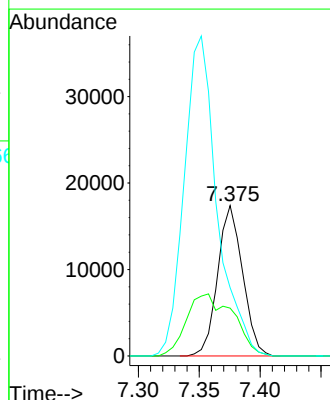
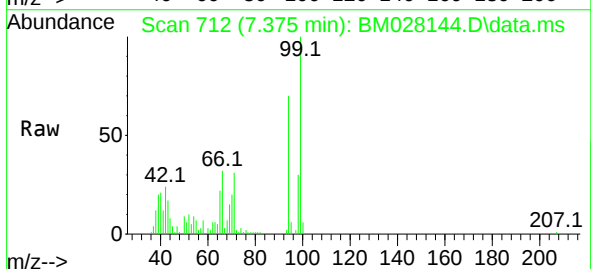
Instrument :
BNA_M
ClientSampleId :
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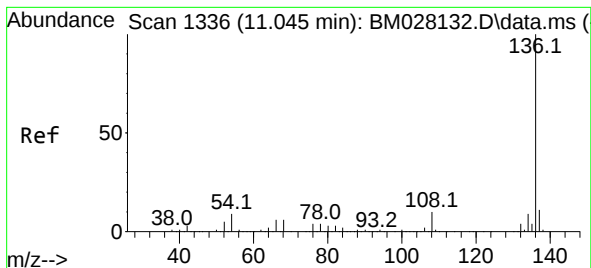
Tgt Ion: 99 Resp: 1123052
Ion Ratio Lower Upper
99 100
42 22.5 13.5 20.3#
71 34.9 39.4 59.0#



#10
Phenol
Concen: 2.27 ng
RT: 7.375 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

Tgt Ion: 94 Resp: 24826
Ion Ratio Lower Upper
94 100
65 31.8 16.4 56.4
66 45.4 30.2 70.2

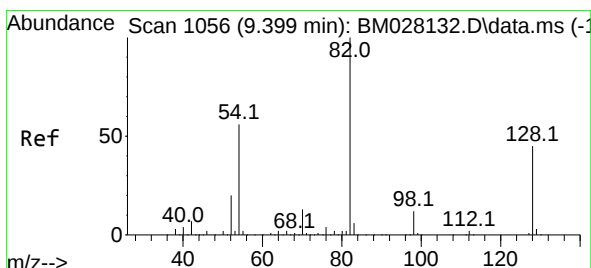
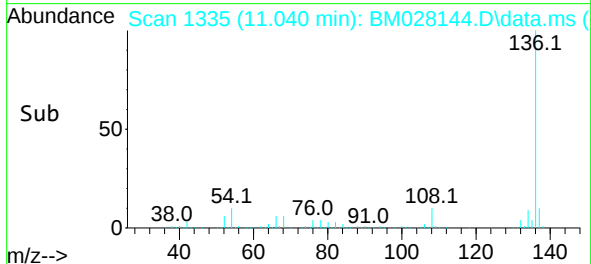
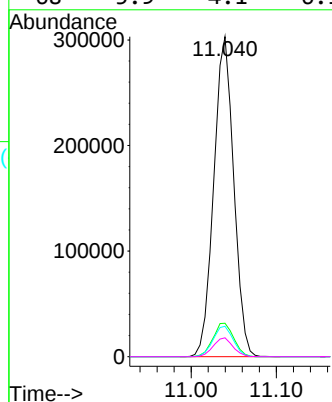
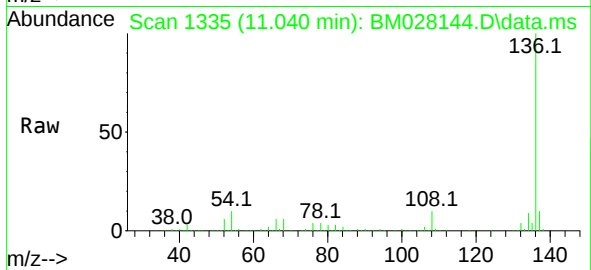




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

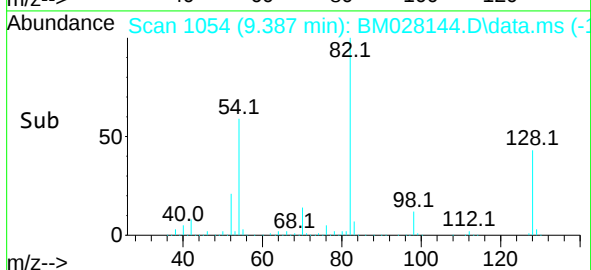
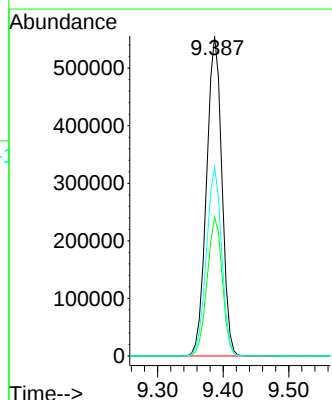
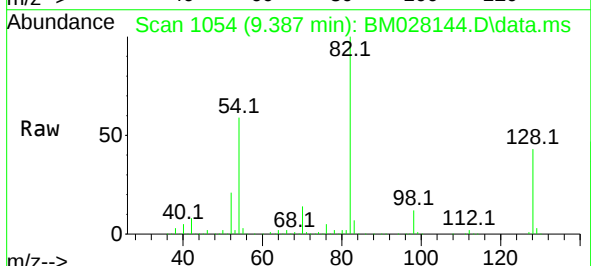
Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGS

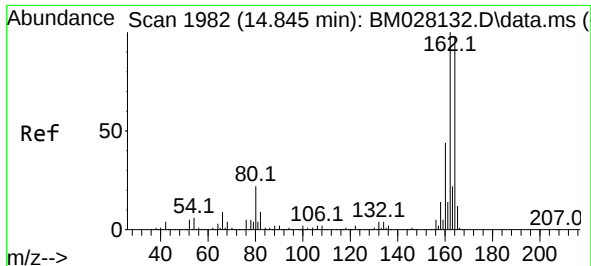
Tgt Ion:136	Resp: 492759
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 12.8
54 9.5	4.6 7.0#
68 5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 91.06 ng
RT: 9.387 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

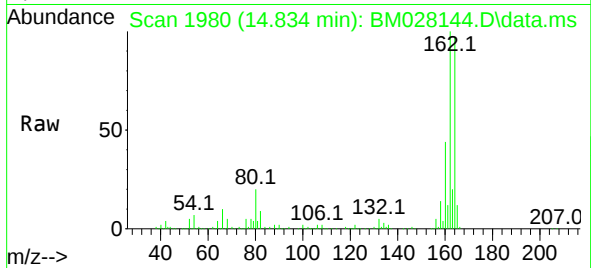
Tgt Ion: 82	Resp: 904202
Ion Ratio	Lower Upper
82 100	
128 43.4	27.4 41.0#
54 59.0	31.4 47.0#



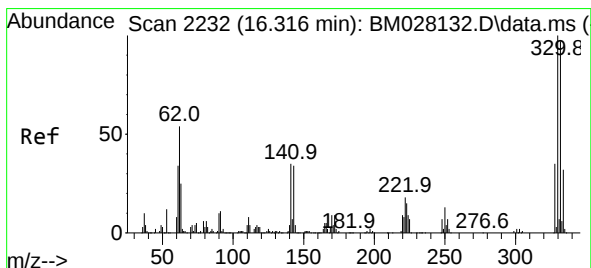
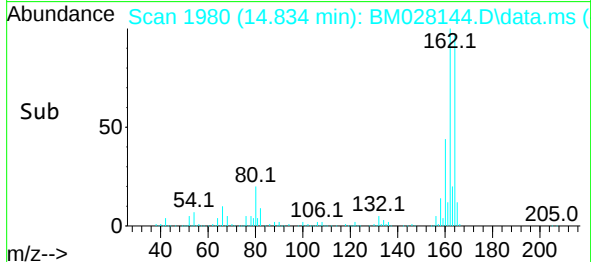
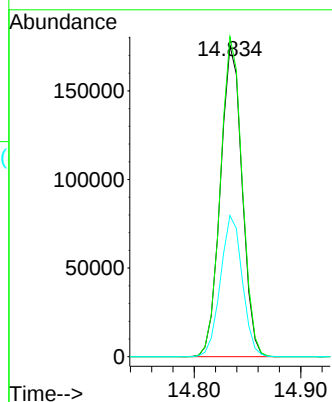


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.834 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

Instrument :
BNA_M
ClientSampleId :
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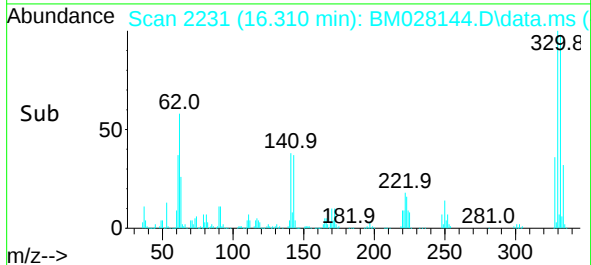
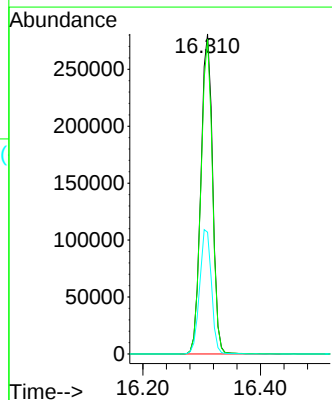
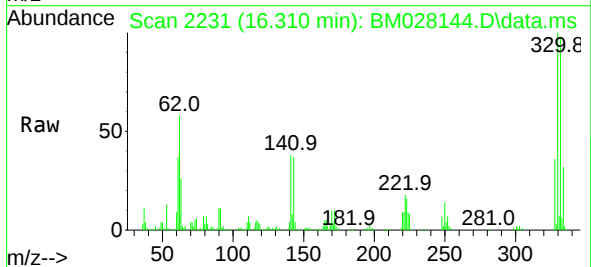


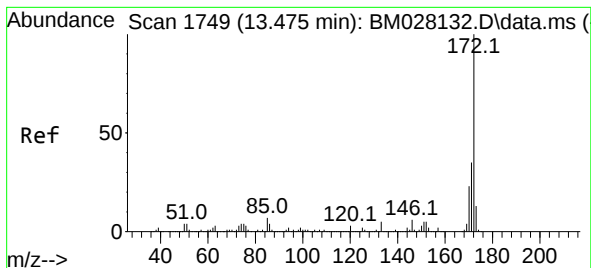
Tgt Ion:164 Resp: 248535
Ion Ratio Lower Upper
164 100
162 102.8 80.4 120.6
160 45.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 117.59 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

Tgt Ion:330 Resp: 387941
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 39.2 28.4 42.6

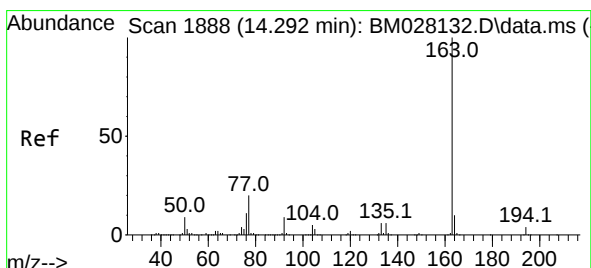
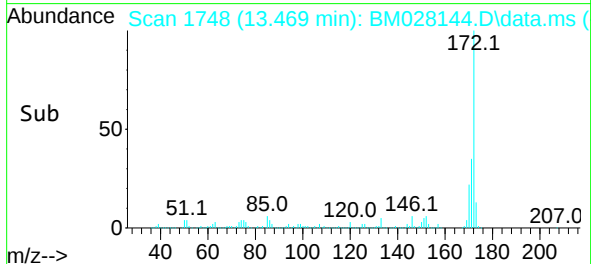
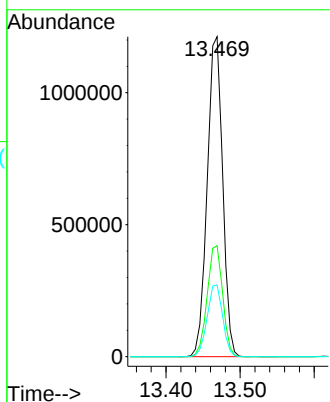
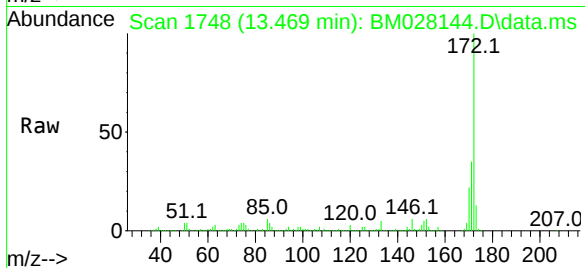




#45
2-Fluorobiphenyl
Concen: 91.76 ng
RT: 13.469 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

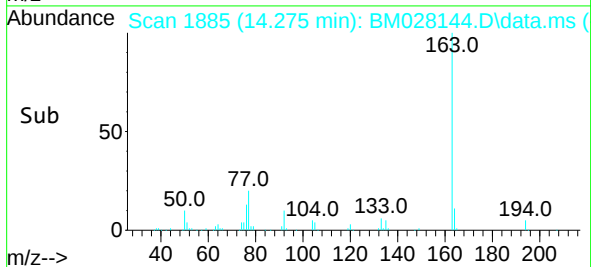
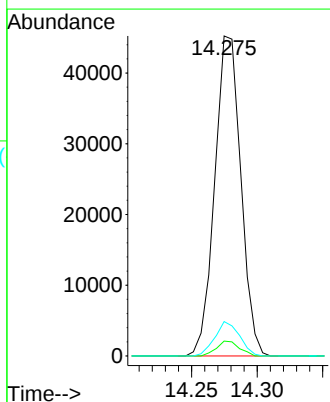
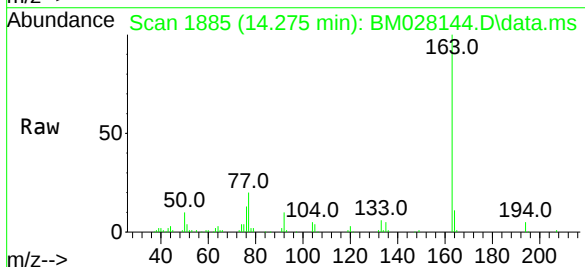
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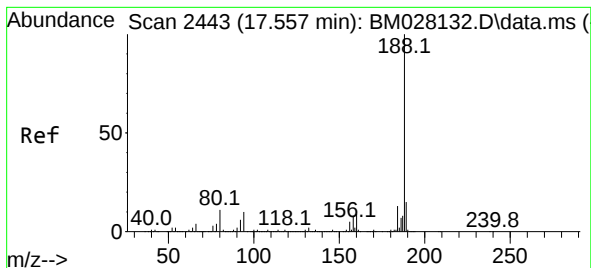
Tgt Ion:172 Resp: 1754147
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 22.4 18.6 27.8



#50
Dimethylphthalate
Concen: 3.03 ng
RT: 14.275 min Scan# 1885
Delta R.T. -0.018 min
Lab File: BM028144.D
Acq: 17 Dec 2020 16:57

Tgt Ion:163 Resp: 62519
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.7 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.557 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BM028144.D

Acq: 17 Dec 2020 16:57

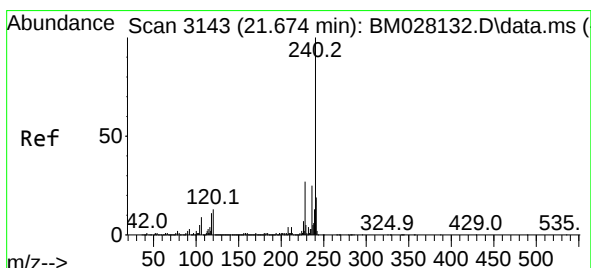
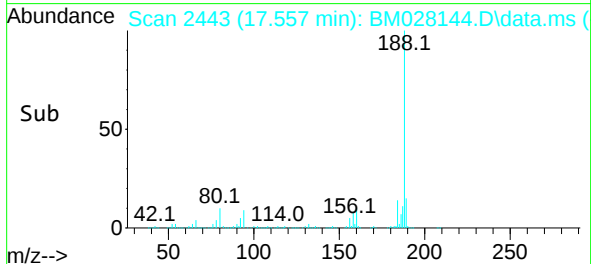
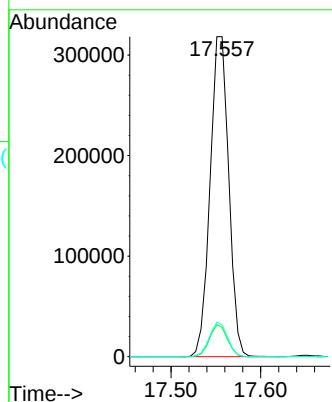
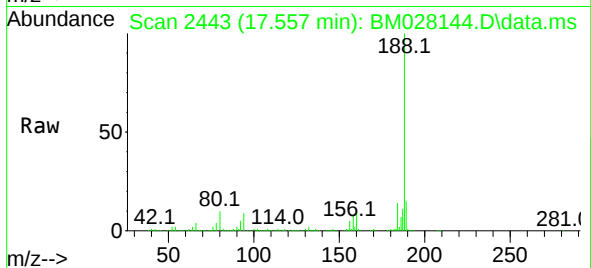
Tgt Ion:188 Resp: 459533

Ion Ratio Lower Upper

188 100

94 9.2 6.2 9.4

80 10.0 7.5 11.3



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.668 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BM028144.D

Acq: 17 Dec 2020 16:57

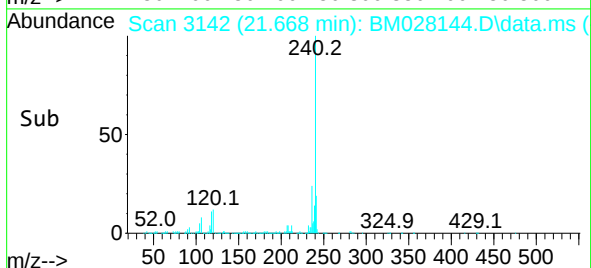
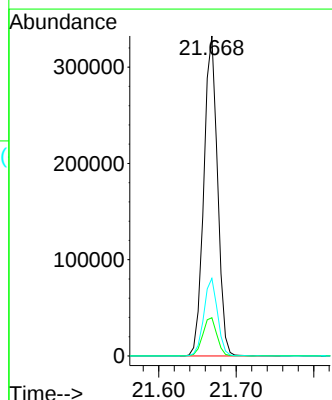
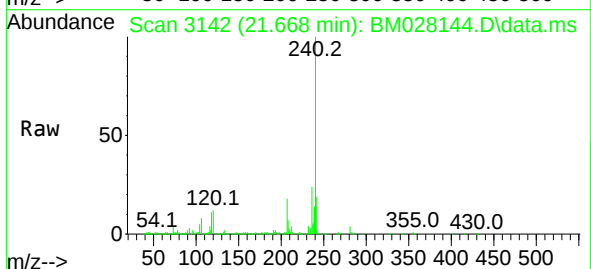
Tgt Ion:240 Resp: 408139

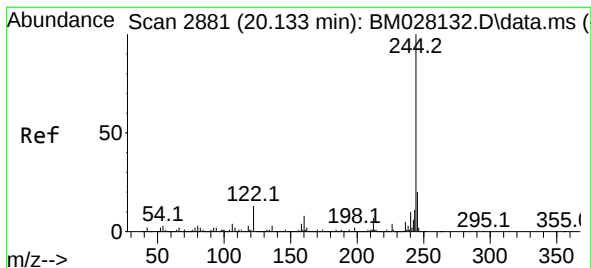
Ion Ratio Lower Upper

240 100

120 11.9 6.4 9.6#

236 24.3 20.1 30.1

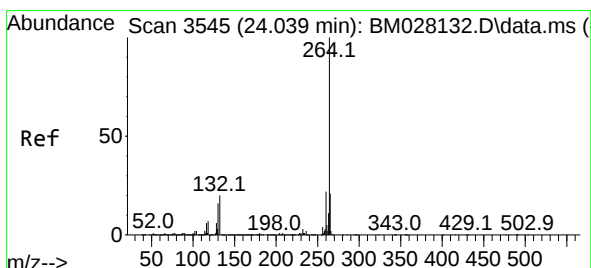
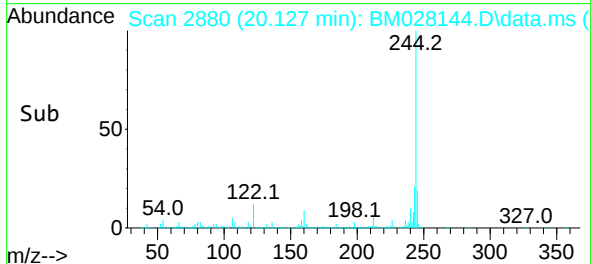
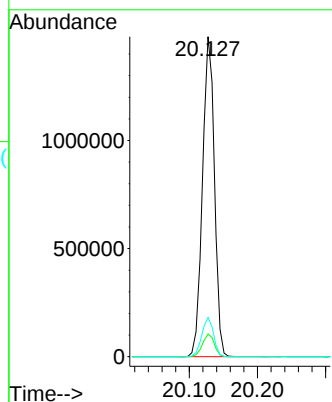
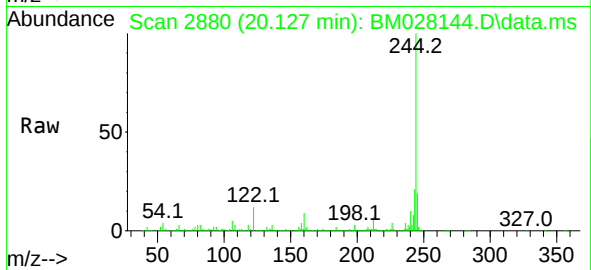




#79
 Terphenyl-d14
 Concen: 80.15 ng
 RT: 20.127 min Scan# 2880
 Delta R.T. -0.006 min
 Lab File: BM028144.D
 Acq: 17 Dec 2020 16:57

Instrument :
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Tgt Ion:244 Resp: 1802873
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.2 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.039 min Scan# 3545
 Delta R.T. 0.000 min
 Lab File: BM028144.D
 Acq: 17 Dec 2020 16:57

Tgt Ion:264 Resp: 440250
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 22.6 17.7 26.5

