

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028485.D
 Acq On : 21 Jan 2021 12:41
 Operator : CG/JU
 Sample : M1100-03RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TOPSOIL-RBF-DARK

Quant Time: Jan 21 13:22:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 14:45:01 2021
 Response via : Initial Calibration

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

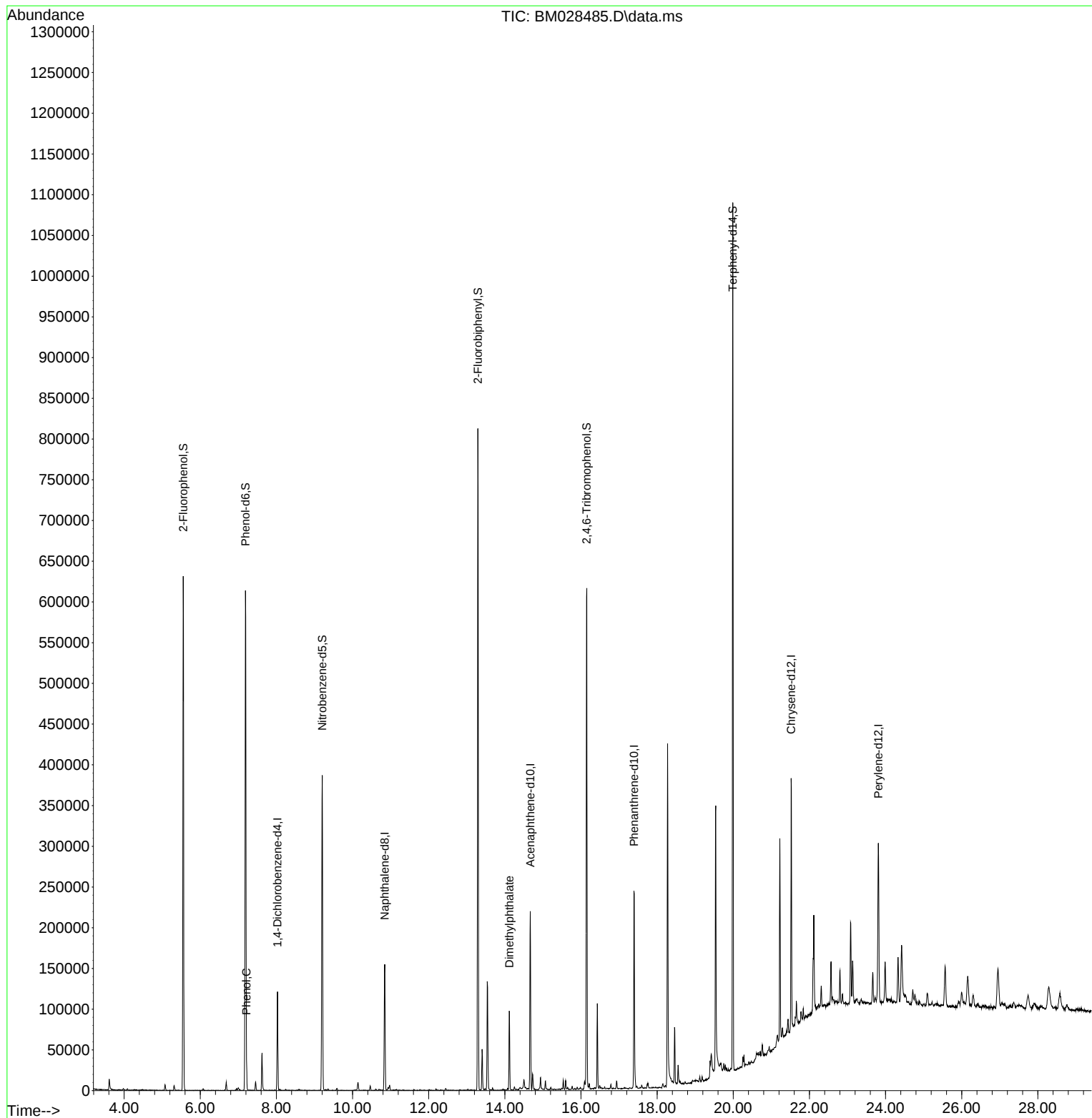
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	31238	20.00	ng	0.00
21) Naphthalene-d8	10.845	136	122606	20.00	ng	# 0.00
39) Acenaphthene-d10	14.669	164	69486	20.00	ng	0.00
64) Phenanthrene-d10	17.392	188	139105	20.00	ng	#-0.01
76) Chrysene-d12	21.521	240	129104	20.00	ng	#-0.01
86) Perylene-d12	23.809	264	125203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	247171	124.99	ng	0.00
7) Phenol-d6	7.187	99	325313	120.82	ng	0.00
23) Nitrobenzene-d5	9.204	82	205527	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	104609	113.62	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	395588	71.43	ng	0.00
79) Terphenyl-d14	19.986	244	424949	59.44	ng	0.00
Target Compounds						
10) Phenol	7.216	94	12191	4.80	ng	87
50) Dimethylphthalate	14.122	163	60268	10.55	ng	99

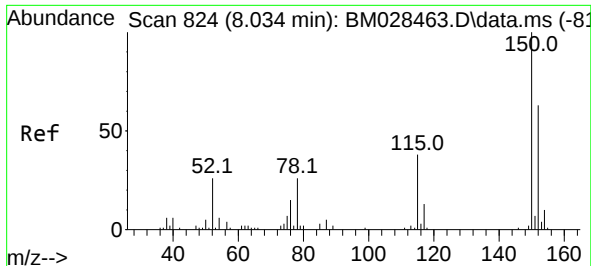
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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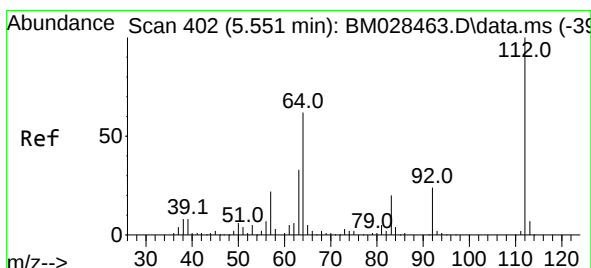
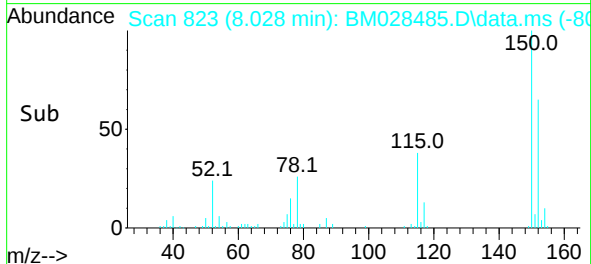
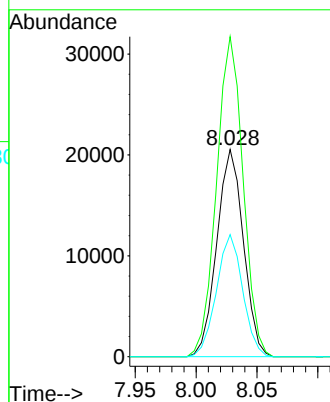
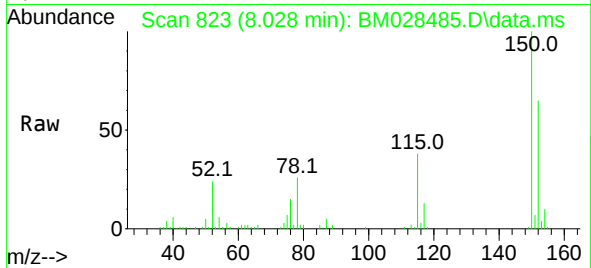




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.028 min Scan# 823
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

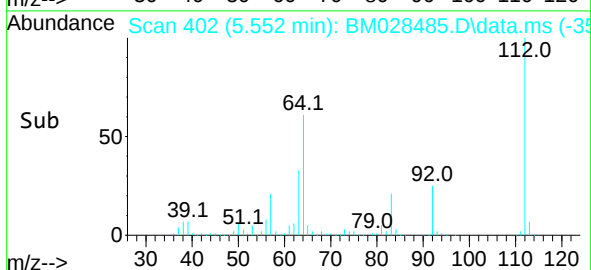
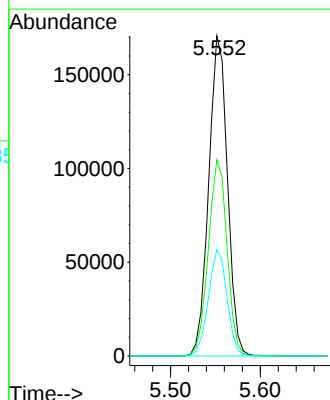
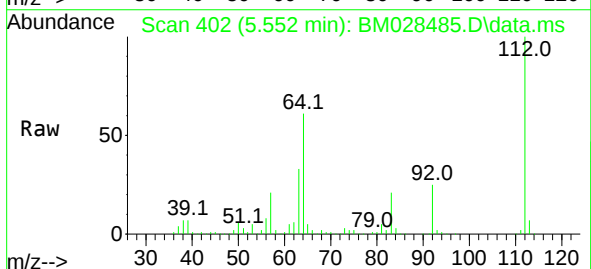
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK

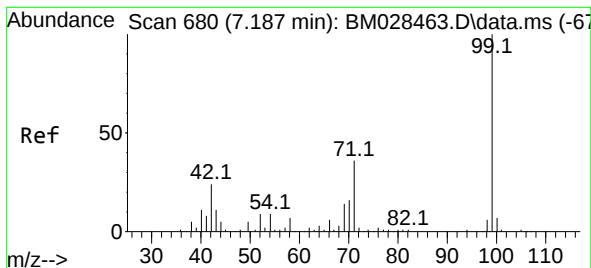
Tgt Ion:152 Resp: 31238
Ion Ratio Lower Upper
152 100
150 154.4 120.6 181.0
115 58.9 47.2 70.8



#5
2-Fluorophenol
Concen: 124.99 ng
RT: 5.552 min Scan# 402
Delta R.T. 0.000 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Tgt Ion:112 Resp: 247171
Ion Ratio Lower Upper
112 100
64 61.3 50.6 76.0
63 33.2 31.0 46.6





#7

Phenol-d6

Concen: 120.82 ng

RT: 7.187 min Scan# 680

Delta R.T. 0.000 min

Lab File: BM028485.D

Acq: 21 Jan 2021 12:41

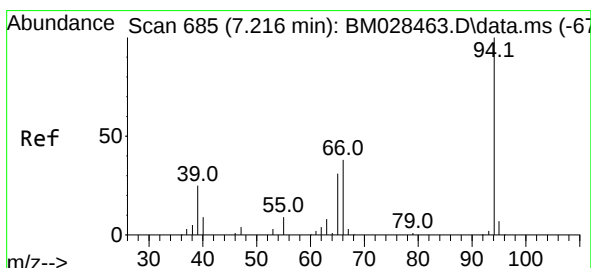
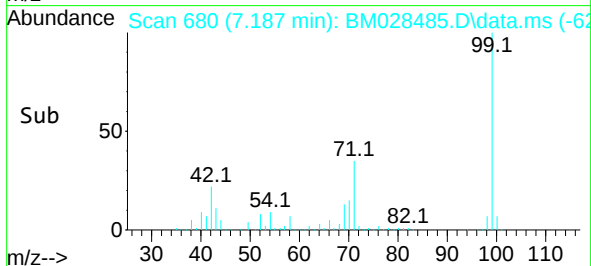
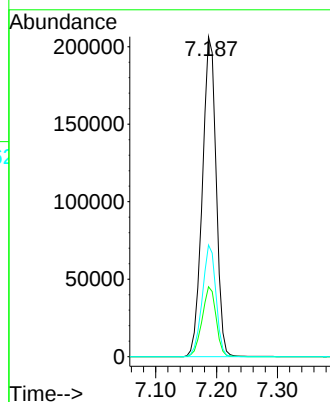
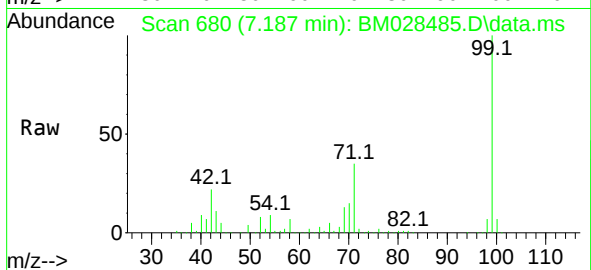
Tgt Ion: 99 Resp: 325313

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

71 34.9 39.4 59.0#



#10

Phenol

Concen: 4.80 ng

RT: 7.216 min Scan# 685

Delta R.T. 0.000 min

Lab File: BM028485.D

Acq: 21 Jan 2021 12:41

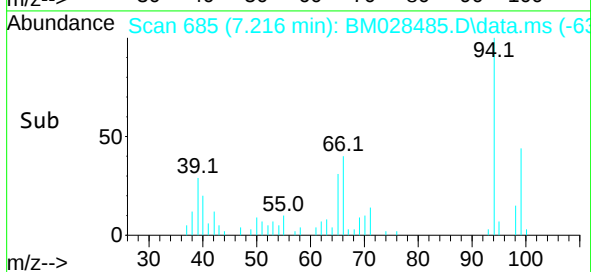
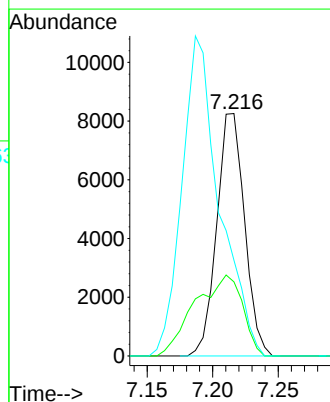
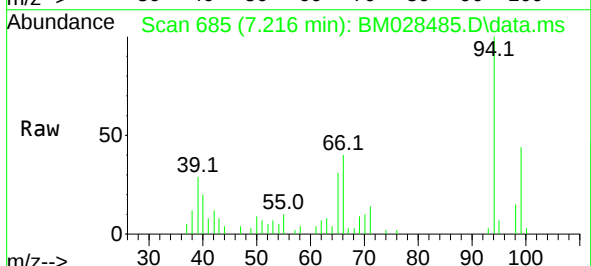
Tgt Ion: 94 Resp: 12191

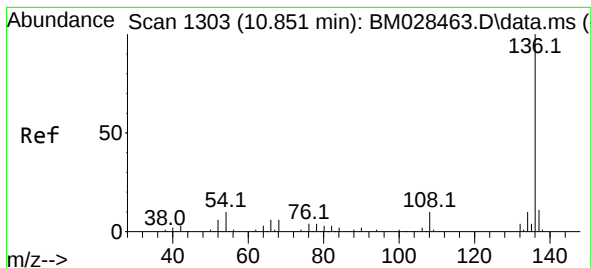
Ion Ratio Lower Upper

94 100

65 30.6 16.4 56.4

66 39.5 30.2 70.2

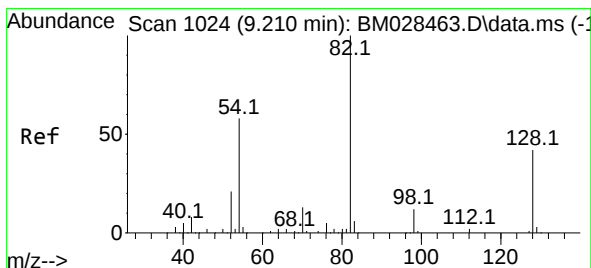
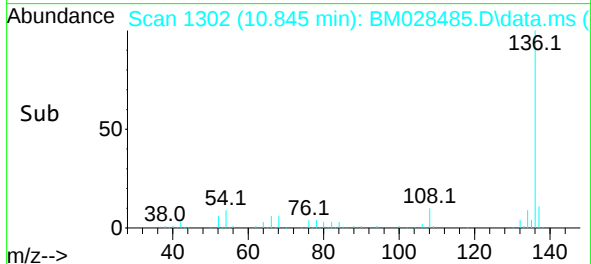
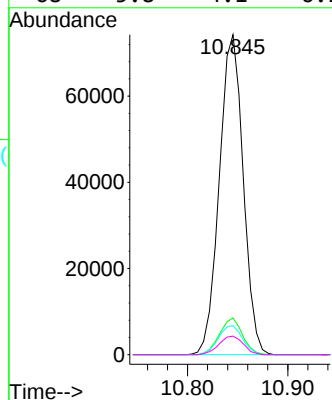
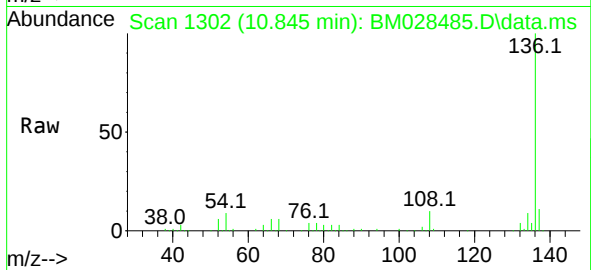




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

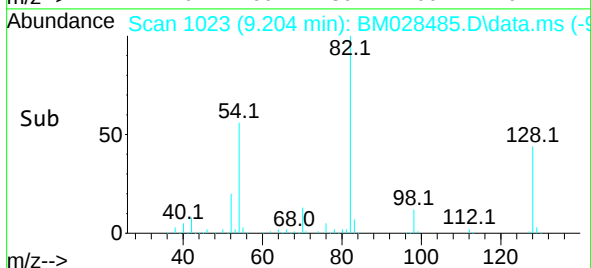
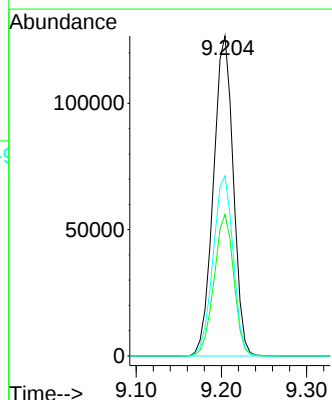
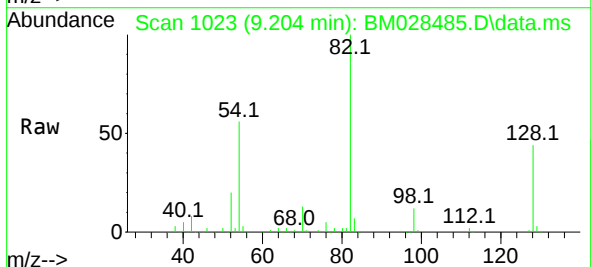
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK

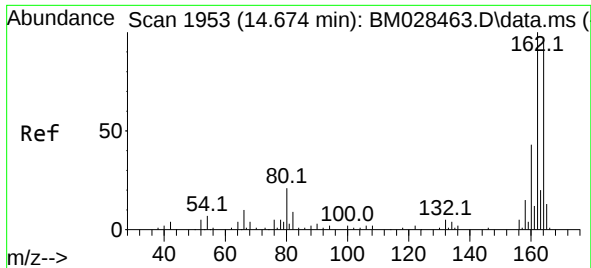
Tgt Ion:136	Resp: 122606
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 12.8
54 9.1	4.6 7.0#
68 5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 79.51 ng
RT: 9.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Tgt Ion: 82	Resp: 205527
Ion Ratio	Lower Upper
82 100	
128 44.2	27.4 41.0#
54 56.3	31.4 47.0#

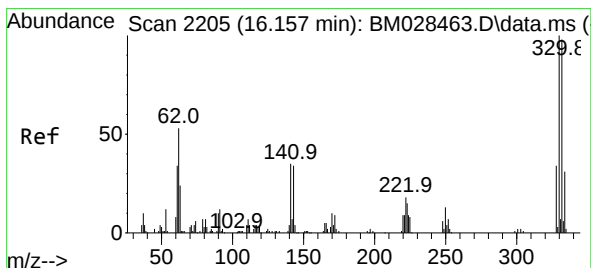
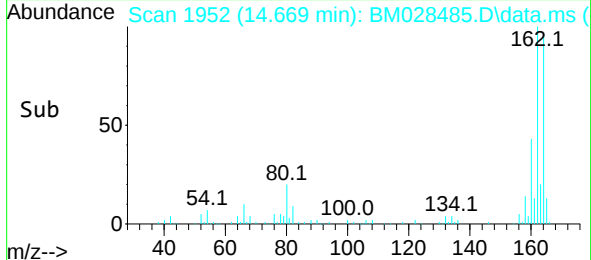
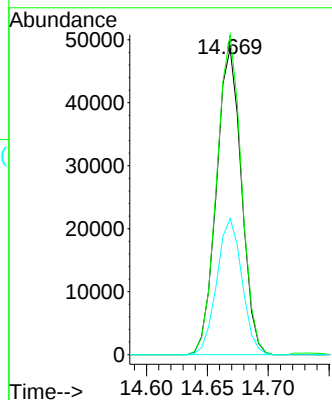
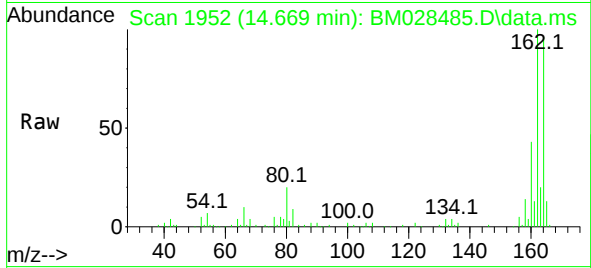




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

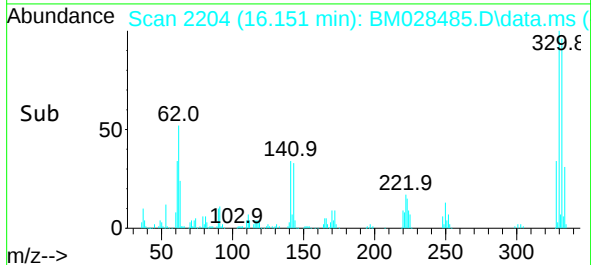
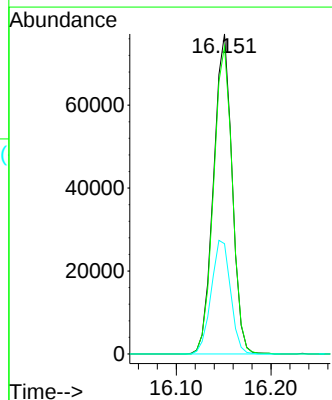
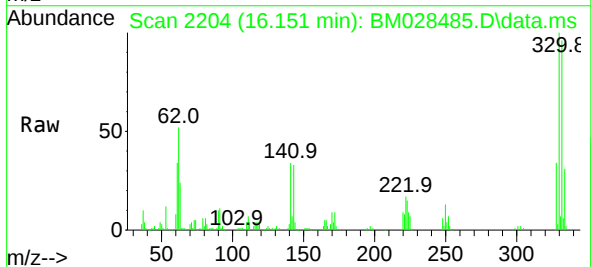
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK

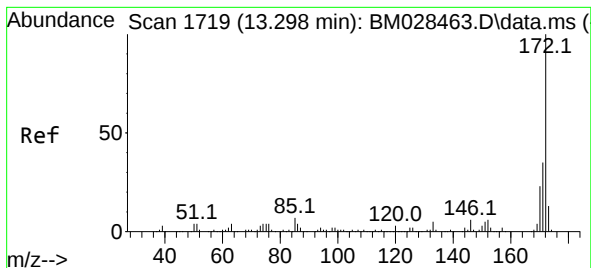
Tgt Ion:164 Resp: 69486
Ion Ratio Lower Upper
164 100
162 104.4 80.4 120.6
160 44.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 113.62 ng
RT: 16.151 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Tgt Ion:330 Resp: 104609
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 37.1 28.4 42.6

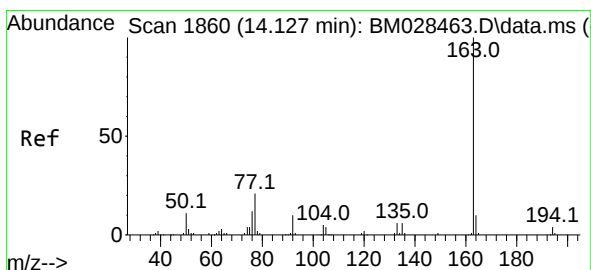
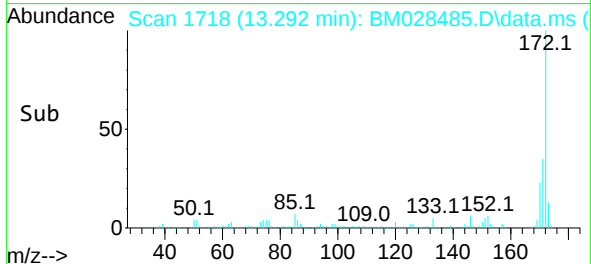
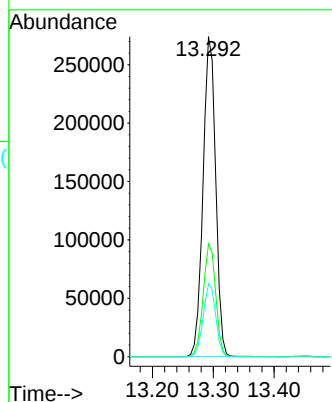
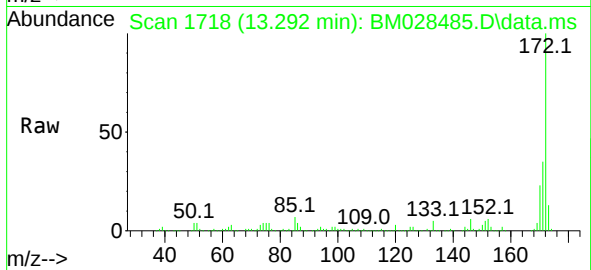




#45
2-Fluorobiphenyl
Concen: 71.43 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

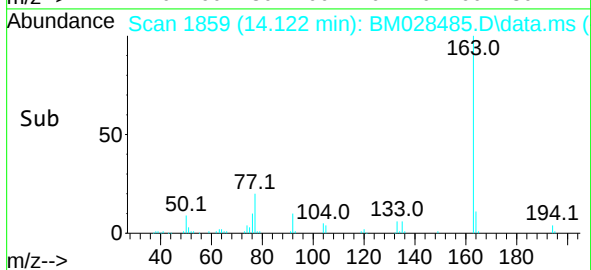
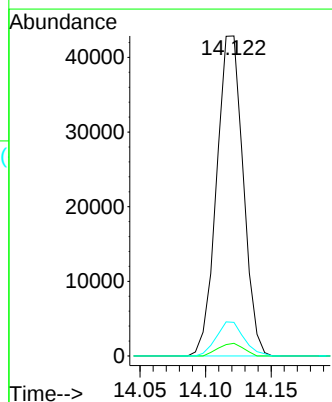
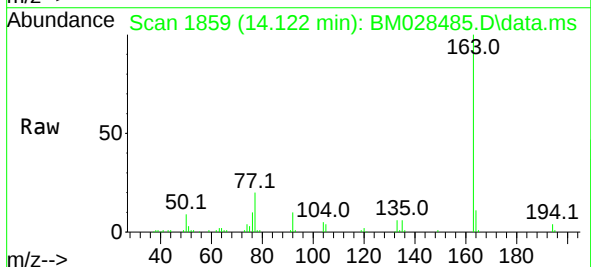
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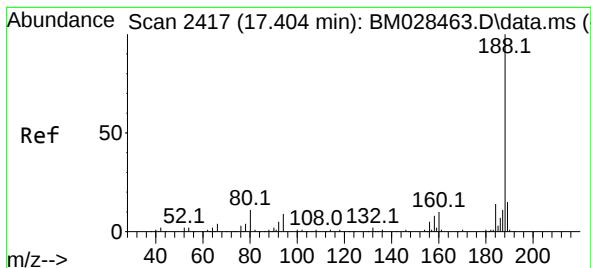
Tgt Ion:172 Resp: 395588
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 22.8 18.6 27.8



#50
Dimethylphthalate
Concen: 10.55 ng
RT: 14.122 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Tgt Ion:163 Resp: 60268
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BM028485.D

Acq: 21 Jan 2021 12:41

Tgt Ion:188 Resp: 139105

Ion Ratio Lower Upper

188 100

94 10.1 6.2 9.4#

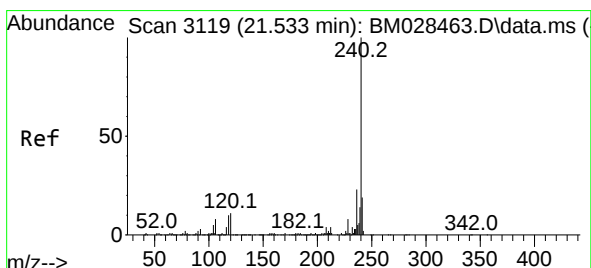
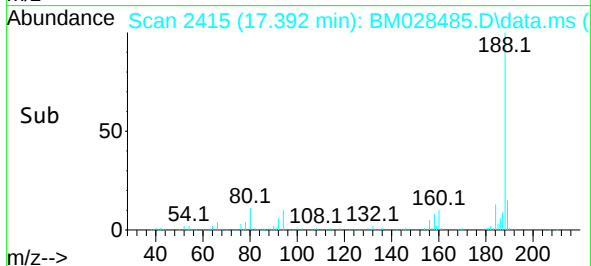
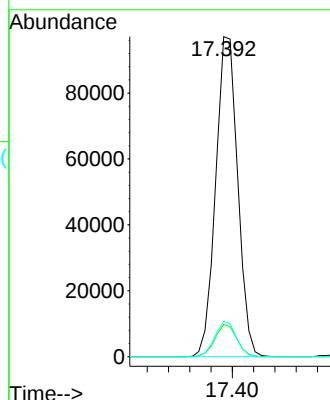
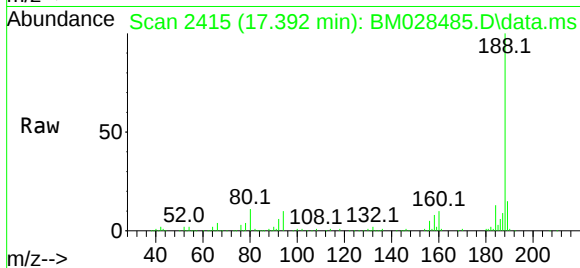
80 11.0 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

TOPSOIL-RBF-DARK



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BM028485.D

Acq: 21 Jan 2021 12:41

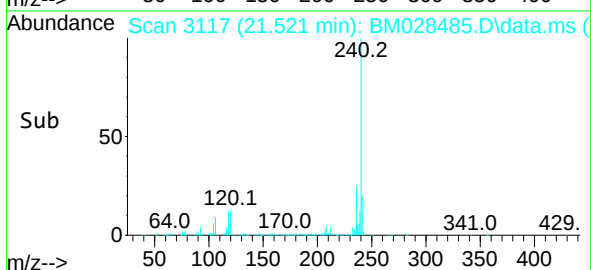
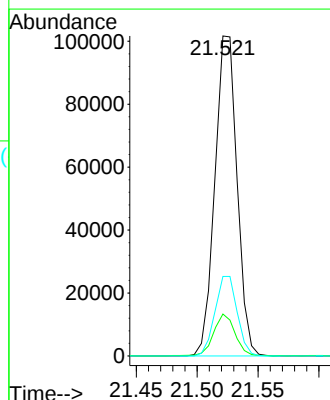
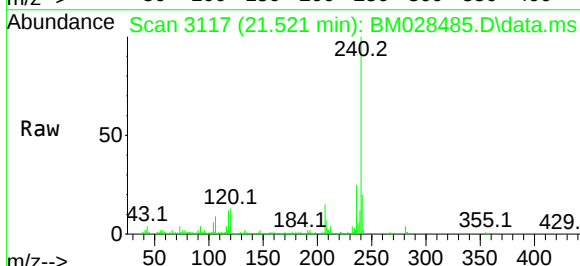
Tgt Ion:240 Resp: 129104

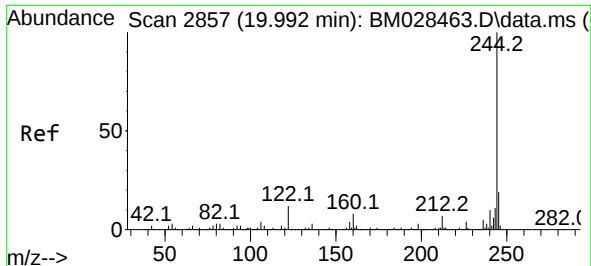
Ion Ratio Lower Upper

240 100

120 13.1 6.4 9.6#

236 24.9 20.1 30.1

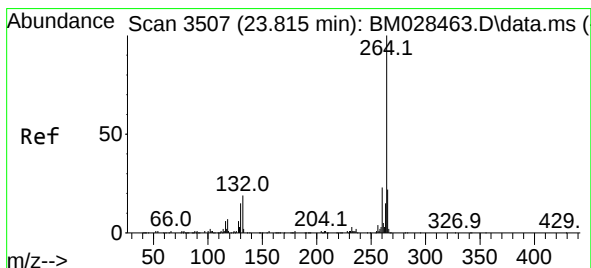
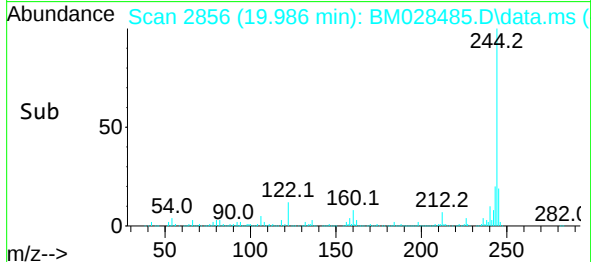
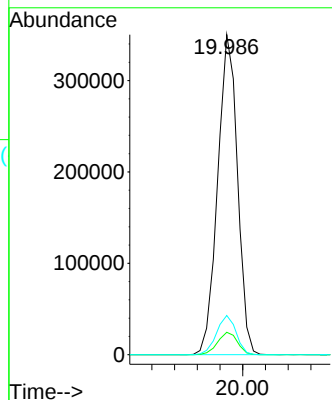
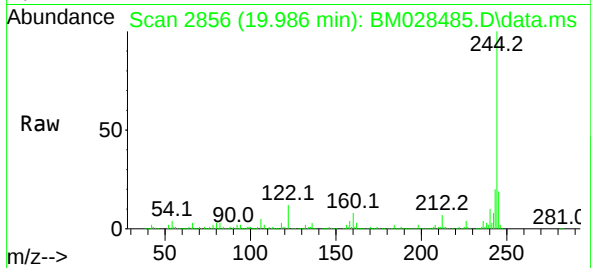




#79
 Terphenyl-d14
 Concen: 59.44 ng
 RT: 19.986 min Scan# 2856
 Delta R.T. -0.006 min
 Lab File: BM028485.D
 Acq: 21 Jan 2021 12:41

Instrument :
 BNA_M
 ClientSampleId :
 TOPSOIL-RBF-DARK

Tgt Ion:244 Resp: 424949
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.2 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.809 min Scan# 3506
 Delta R.T. -0.006 min
 Lab File: BM028485.D
 Acq: 21 Jan 2021 12:41

Tgt Ion:264 Resp: 125203
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 22.2 17.7 26.5

