

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028485.D
 Acq On : 21 Jan 2021 12:41
 Operator : CG/JU
 Sample : M1100-03
 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)

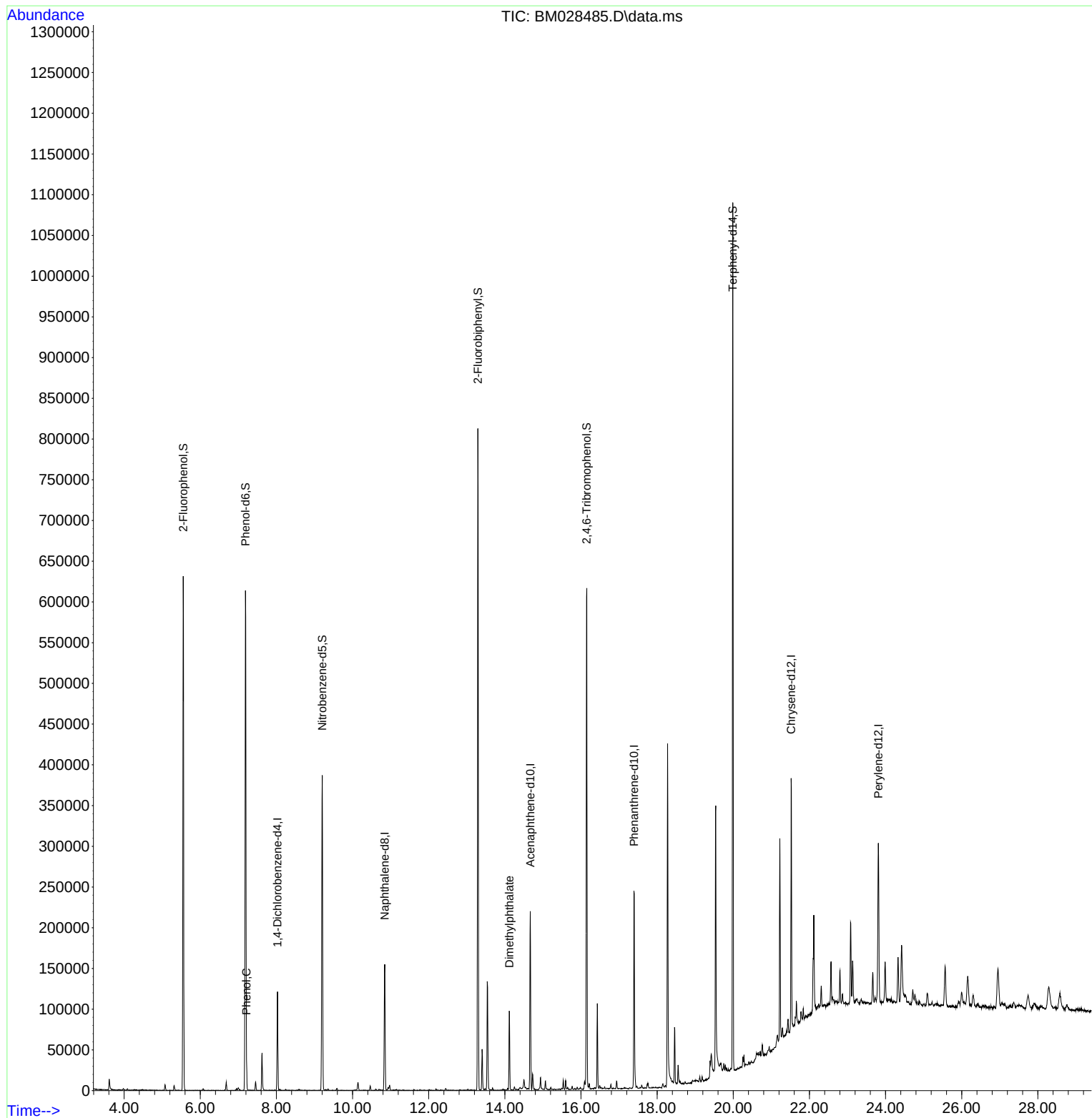
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	31238	20.00	ng	0.00
21) Naphthalene-d8	10.845	136	122606	20.00	ng	# 0.00
39) Acenaphthene-d10	14.669	164	69486	20.00	ng	0.00
64) Phenanthrene-d10	17.392	188	139105	20.00	ng	#-0.01
76) Chrysene-d12	21.521	240	129104	20.00	ng	#-0.01
86) Perylene-d12	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

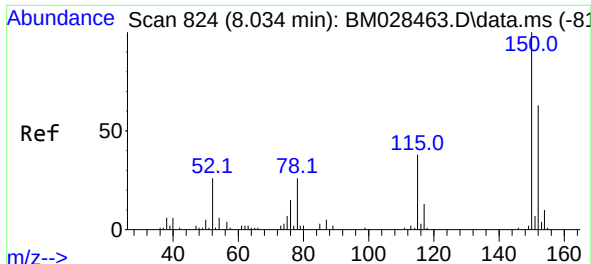
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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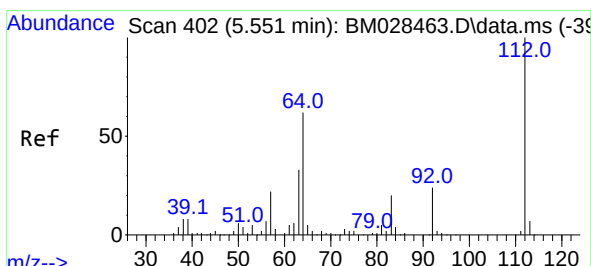
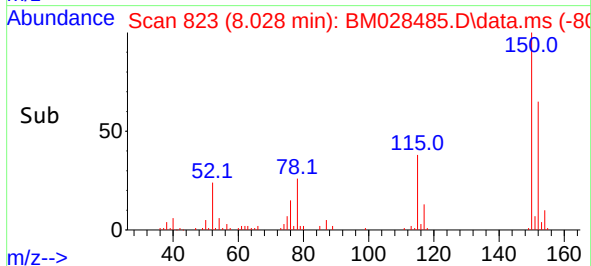
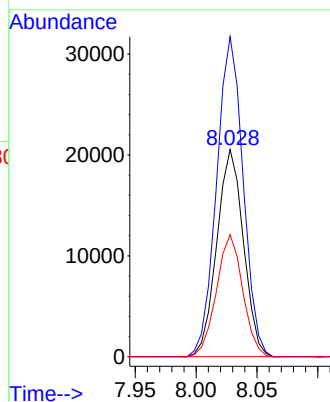
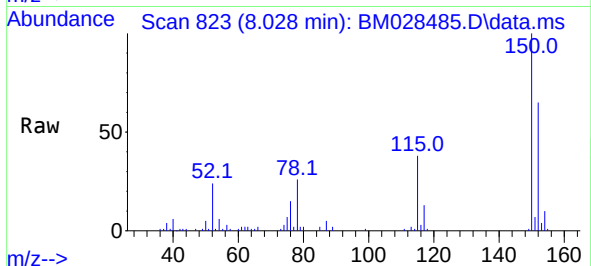




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.028 min Scan# 823
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

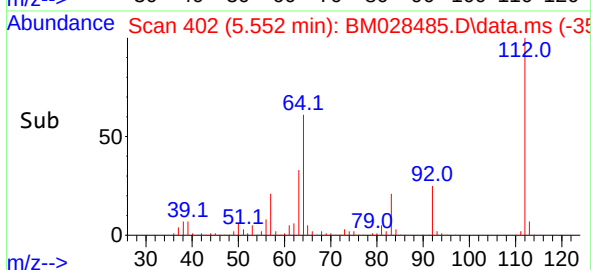
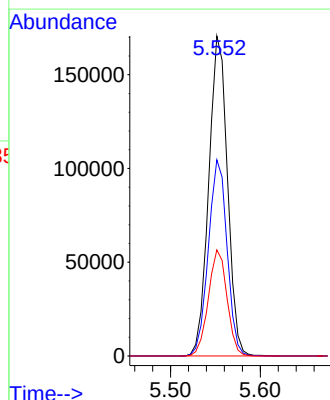
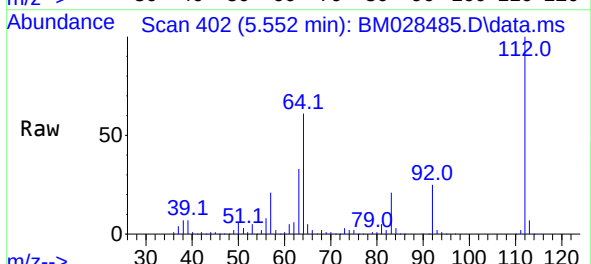
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK

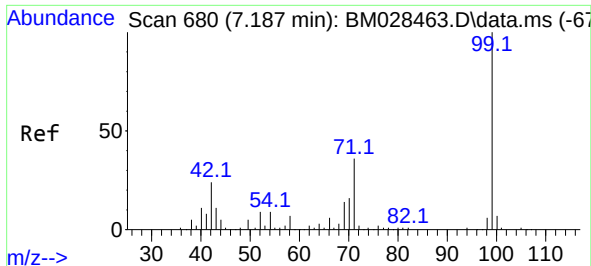
Tgt Ion:152 Resp: 31238
Ion Ratio Lower Upper
152 100
150 154.4 120.6 181.0
115 58.9 47.2 70.8



#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

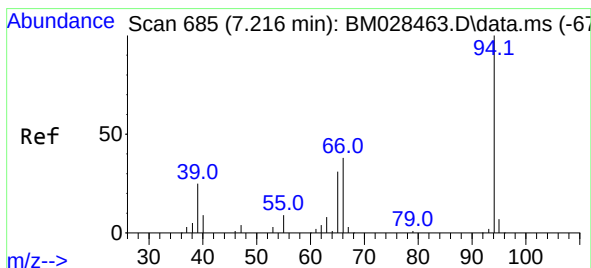
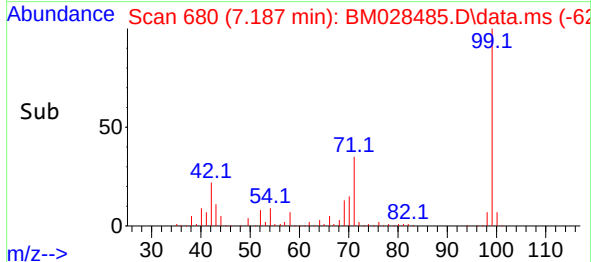
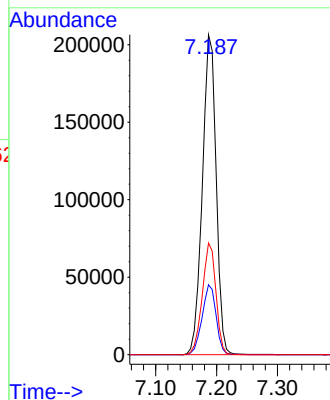
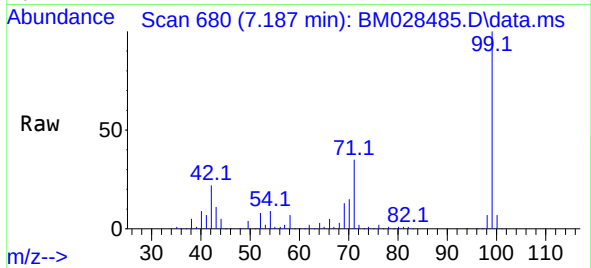




#7
Phenol-d6
Concen: 120.82 ng
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

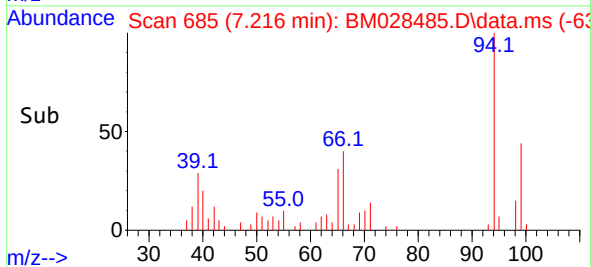
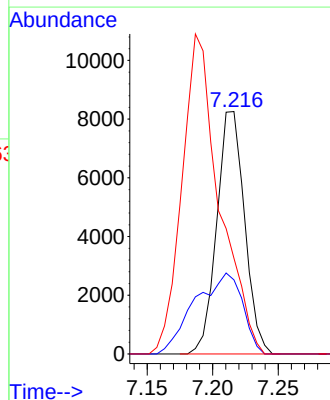
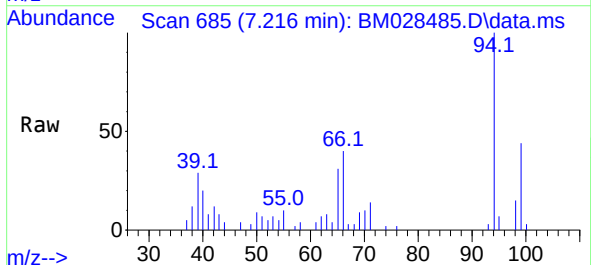
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK

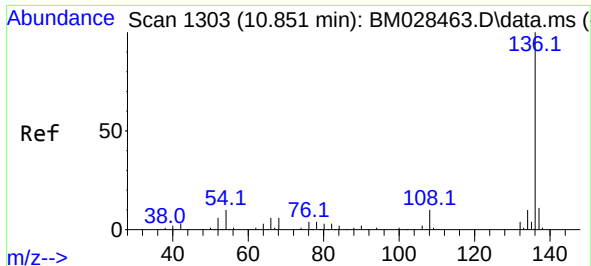
Tgt Ion: 99 Resp: 325313
Ion Ratio Lower Upper
99 100
42 21.8 13.5 20.3#
71 34.9 39.4 59.0#



#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

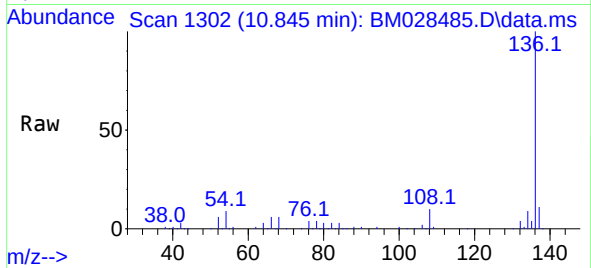
Tgt Ion: 94 Resp: 12191
Ion Ratio Lower Upper
94 100
65 30.6 16.4 56.4
66 39.5 30.2 70.2



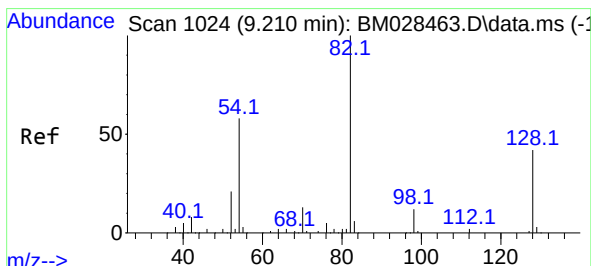
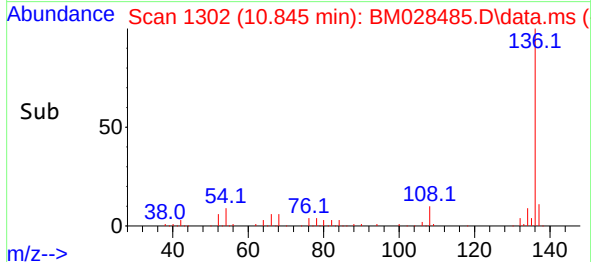
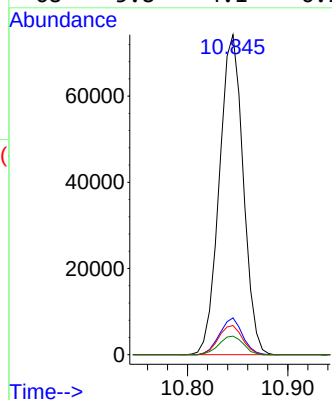


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

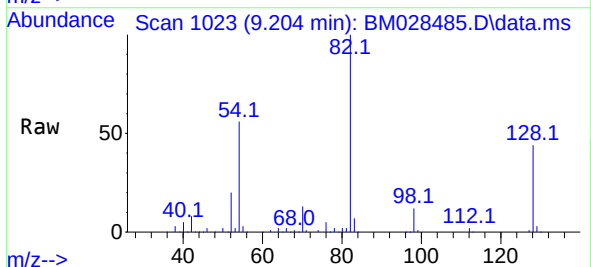
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK



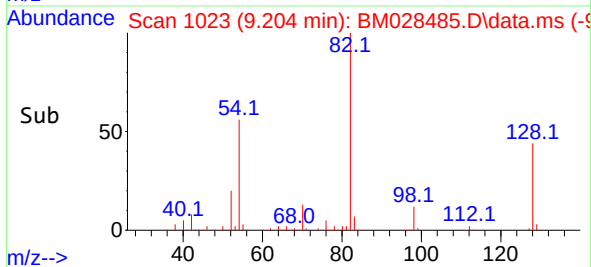
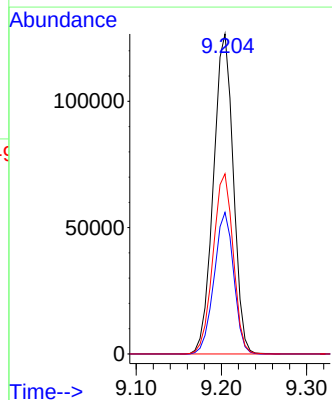
Tgt Ion:136 Resp: 122606
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.1 4.6 7.0#
68 5.8 4.1 6.1

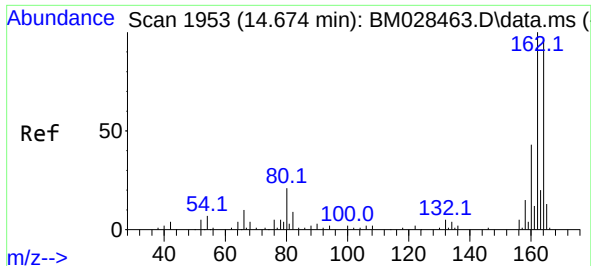


#23
Nitrobenzene-d5
Concen: 79.51 ng
RT: 9.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41



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#



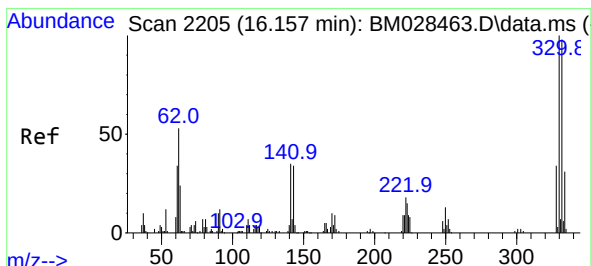
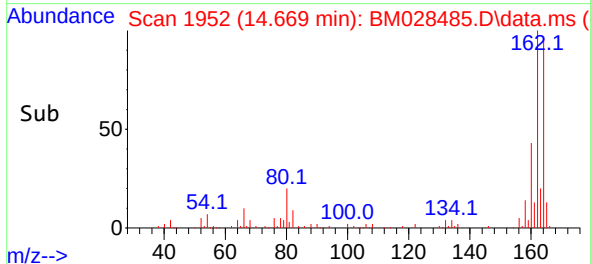
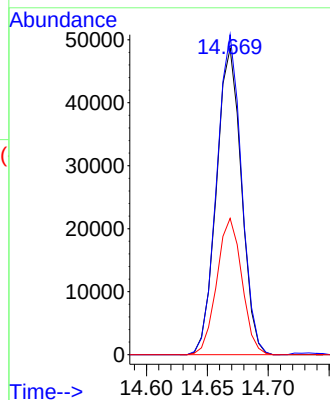
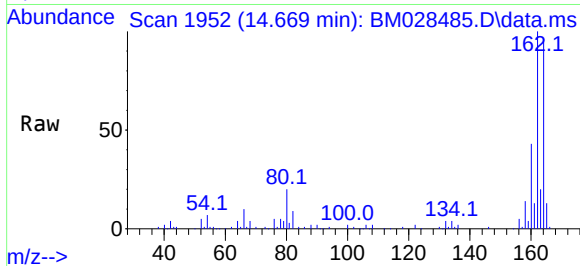


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-DARK

Tgt Ion:164 Resp: 69486

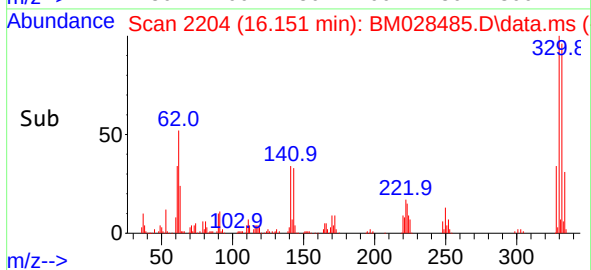
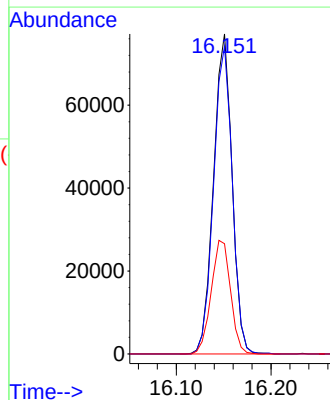
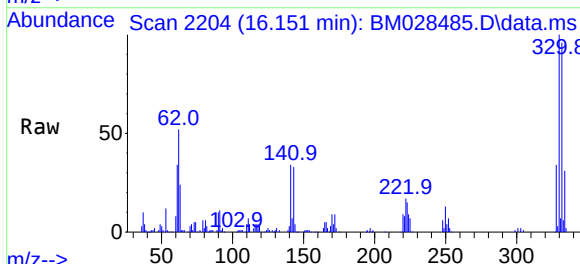
Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.4	120.6
160	44.5	35.9	53.9

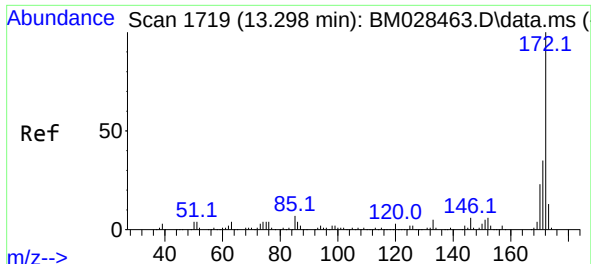


#42
2,4,6-Tribromophenol
Concen: 113.62 ng
RT: 16.151 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

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



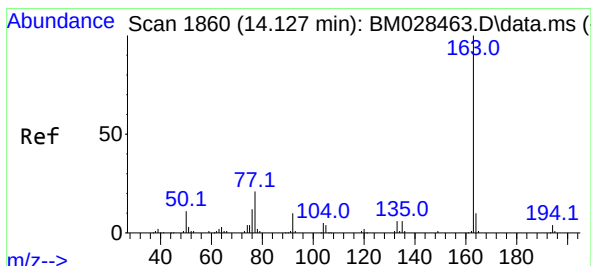
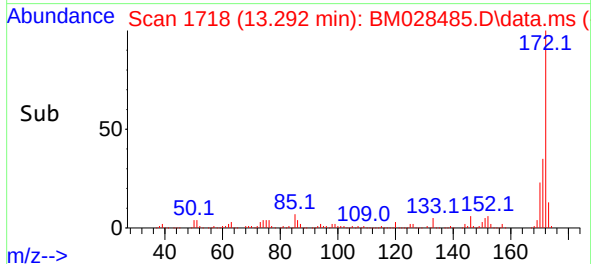
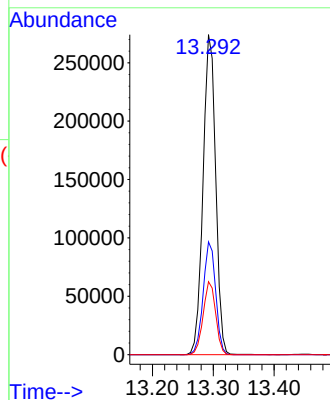
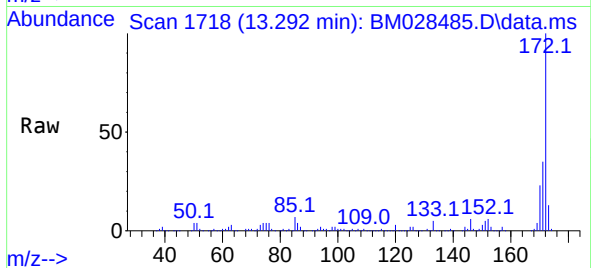


#45
2-Fluorobiphenyl
Concen: 71.43 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Instrument :
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ClientSampleId :
TOPSOIL-RBF-DARK

Tgt Ion:172 Resp: 395588

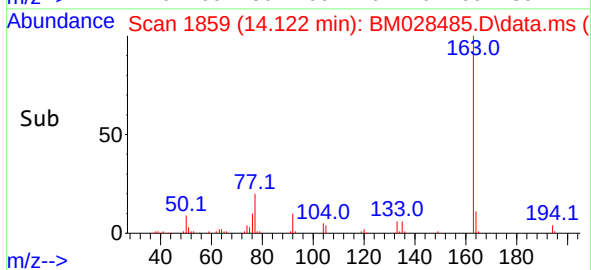
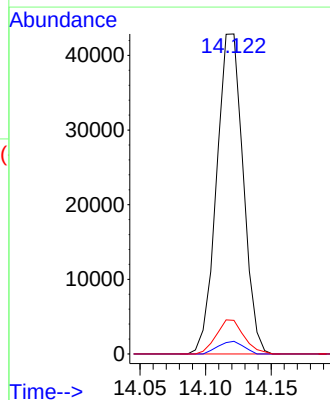
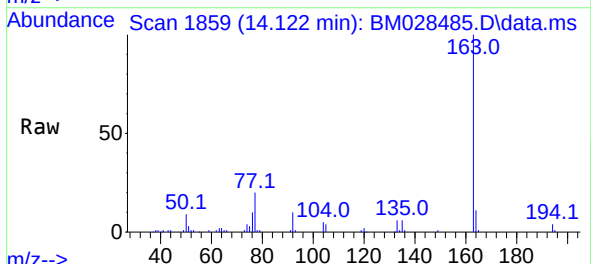
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	22.8	18.6	27.8

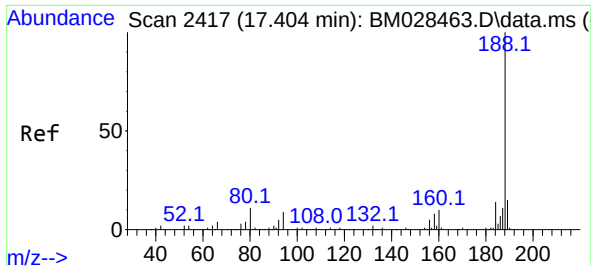


#50
Dimethylphthalate
Concen: 10.55 ng
RT: 14.122 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

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

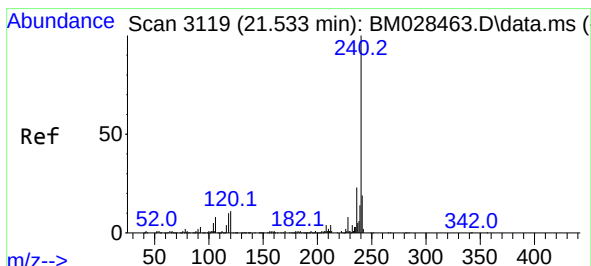
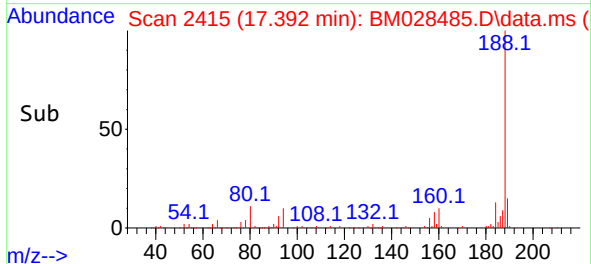
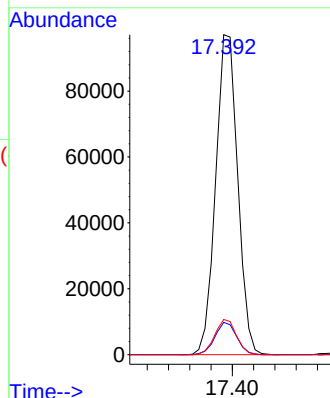
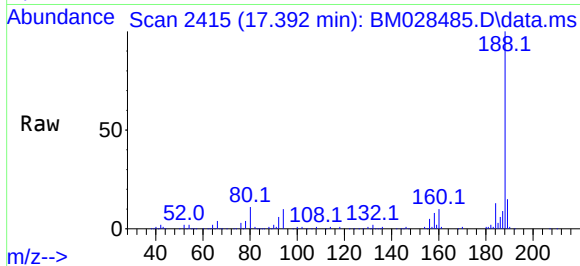




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

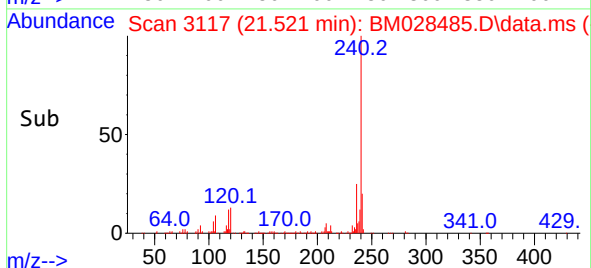
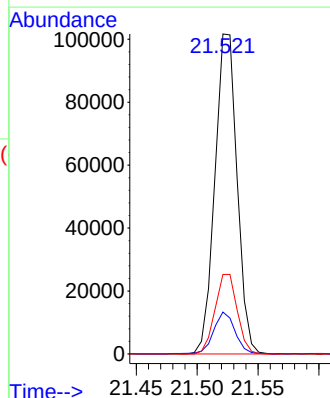
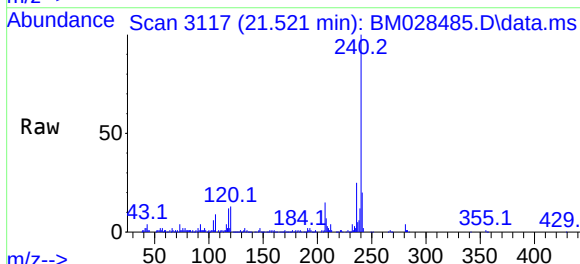
Instrument :
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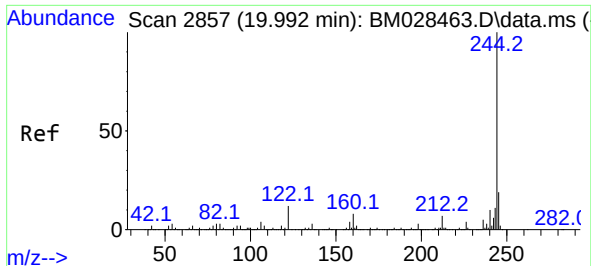
Tgt Ion:188 Resp: 139105
Ion Ratio Lower Upper
188 100
94 10.1 6.2 9.4#
80 11.0 7.5 11.3



#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

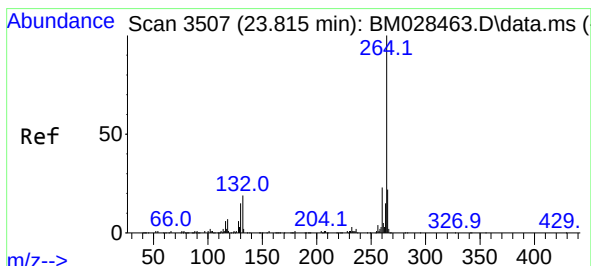
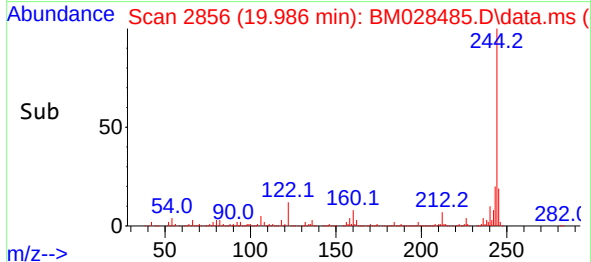
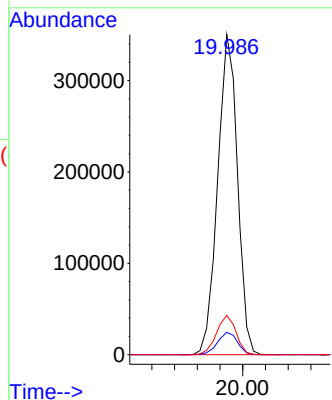
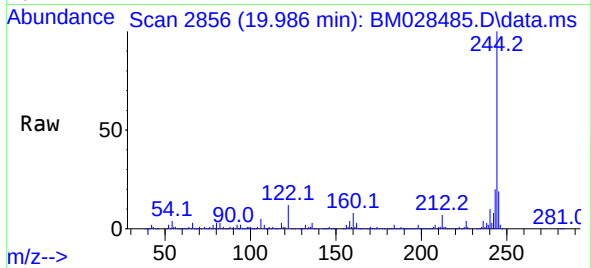




#79
Terphenyl-d14
Concen: 59.44 ng
RT: 19.986 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM028485.D
Acq: 21 Jan 2021 12:41

Instrument :
BNA_M
ClientSampleId :
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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

