

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028486.D
 Acq On : 21 Jan 2021 13:17
 Operator : CG/JU
 Sample : M1100-04RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TOPSOIL-RBF-LIGHT

Quant Time: Jan 21 13:48:30 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)

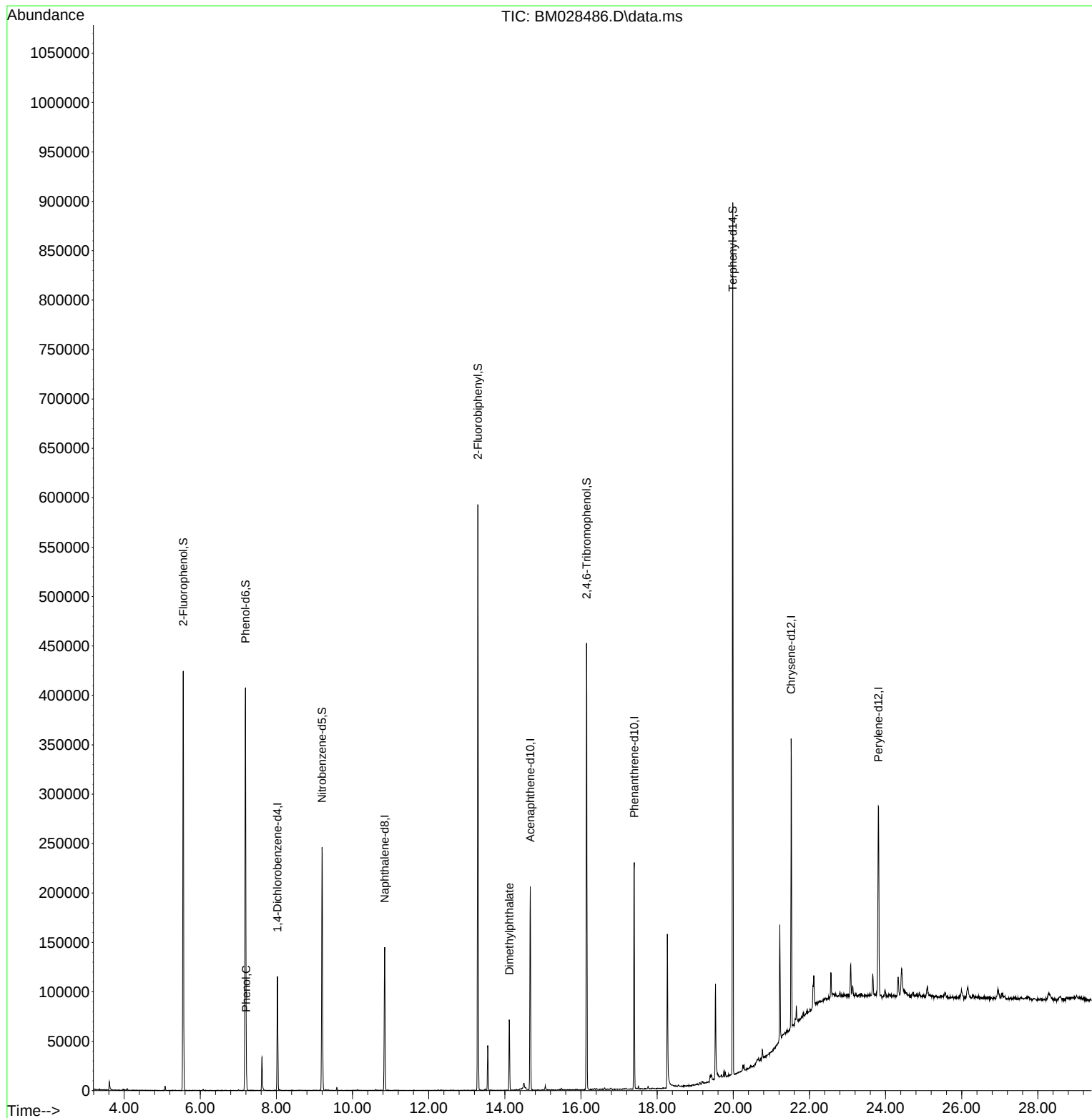
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	30200	20.00	ng	0.00
21) Naphthalene-d8	10.845	136	115716	20.00	ng	# 0.00
39) Acenaphthene-d10	14.669	164	65136	20.00	ng	0.00
64) Phenanthrene-d10	17.398	188	131916	20.00	ng	# 0.00
76) Chrysene-d12	21.521	240	125695	20.00	ng	#-0.01
86) Perylene-d12	23.809	264	126301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	163885	85.72	ng	0.00
7) Phenol-d6	7.187	99	210731	80.96	ng	0.00
23) Nitrobenzene-d5	9.199	82	132197	54.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.145	330	73685	85.38	ng	-0.01
45) 2-Fluorobiphenyl	13.292	172	276031	53.17	ng	0.00
79) Terphenyl-d14	19.986	244	336564	48.35	ng	0.00
Target Compounds						
10) Phenol	7.210	94	7380	3.01	ng	96
50) Dimethylphthalate	14.116	163	43400	8.11	ng	99

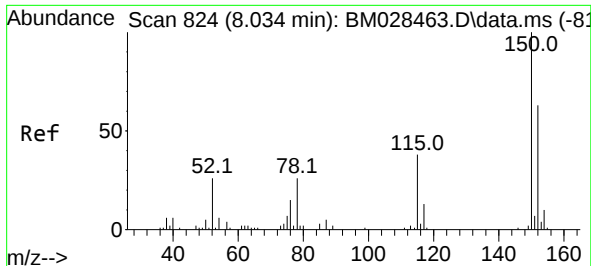
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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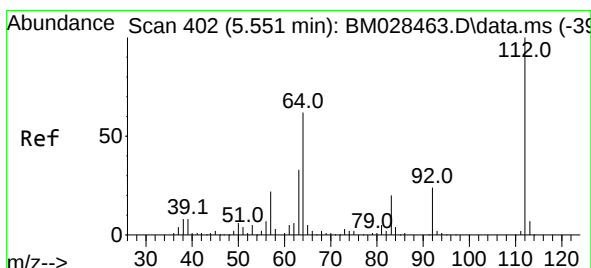
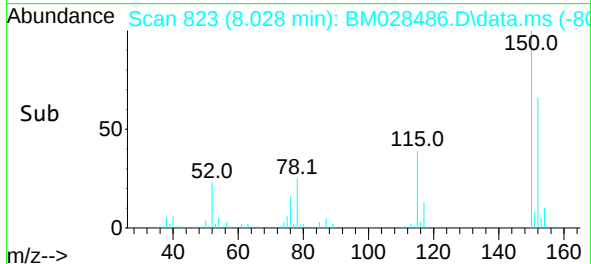
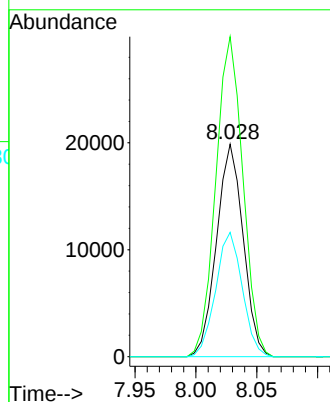
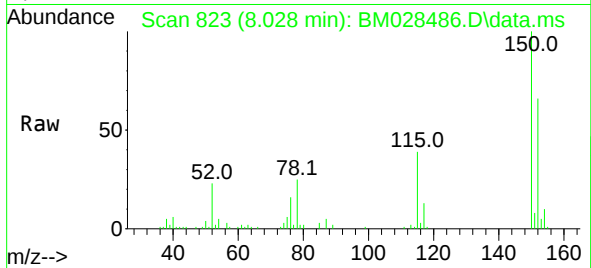




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.028 min Scan# 823
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

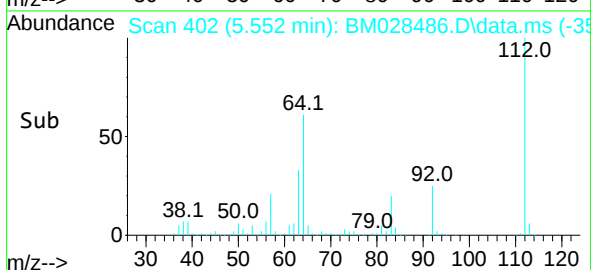
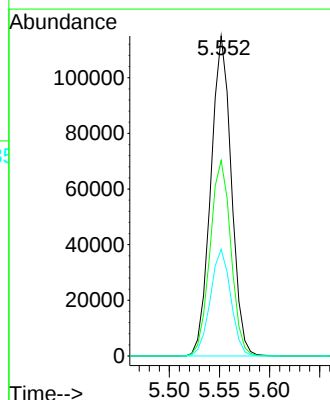
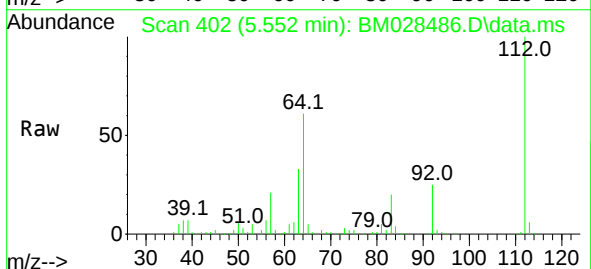
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

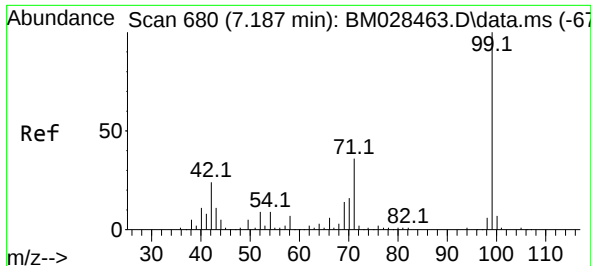
Tgt Ion:152 Resp: 30200
Ion Ratio Lower Upper
152 100
150 150.6 120.6 181.0
115 58.5 47.2 70.8



#5
2-Fluorophenol
Concen: 85.72 ng
RT: 5.552 min Scan# 402
Delta R.T. 0.000 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Tgt Ion:112 Resp: 163885
Ion Ratio Lower Upper
112 100
64 61.1 50.6 76.0
63 33.3 31.0 46.6

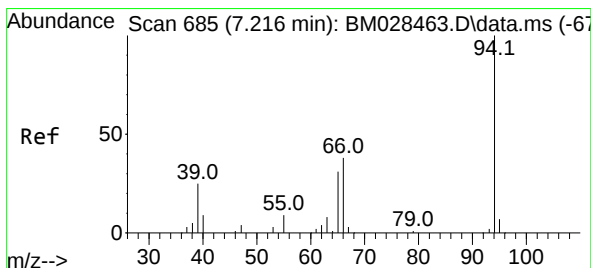
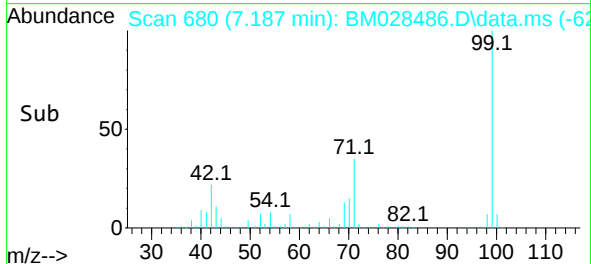
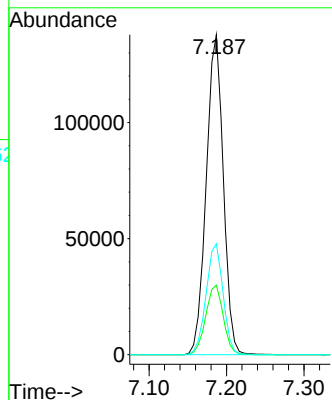
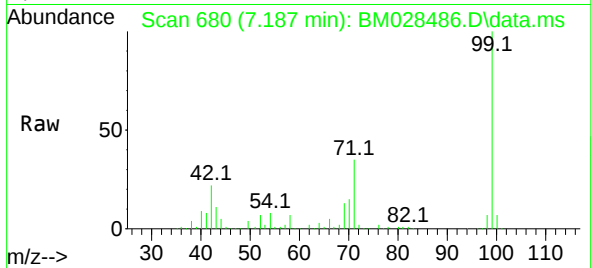




#7
Phenol-d6
Concen: 80.96 ng
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

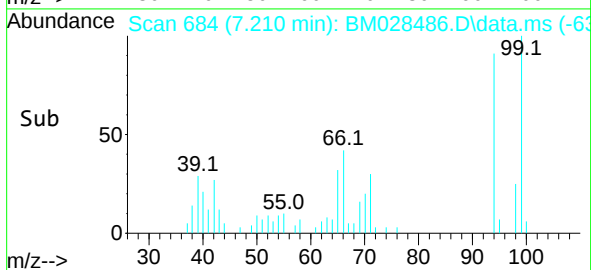
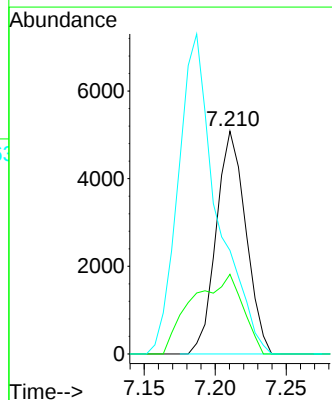
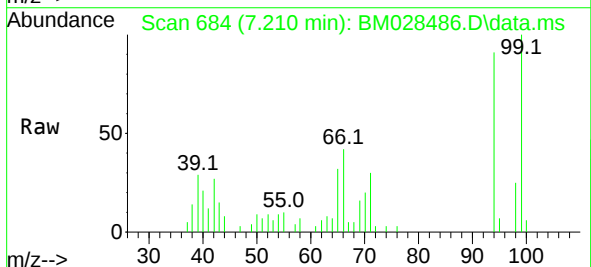
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

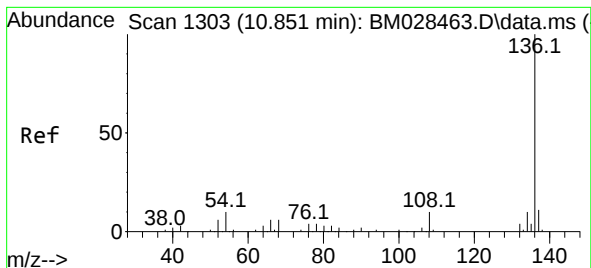
Tgt Ion: 99 Resp: 210731
Ion Ratio Lower Upper
99 100
42 21.7 13.5 20.3#
71 34.7 39.4 59.0#



#10
Phenol
Concen: 3.01 ng
RT: 7.210 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

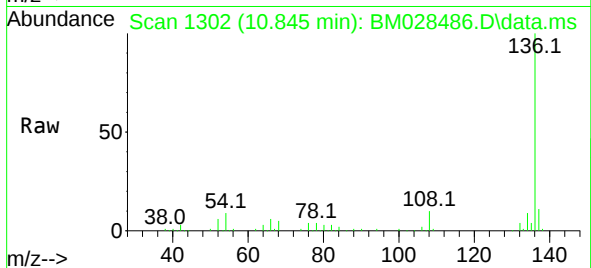
Tgt Ion: 94 Resp: 7380
Ion Ratio Lower Upper
94 100
65 35.8 16.4 56.4
66 46.5 30.2 70.2



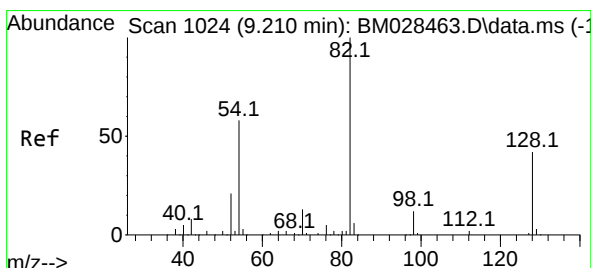
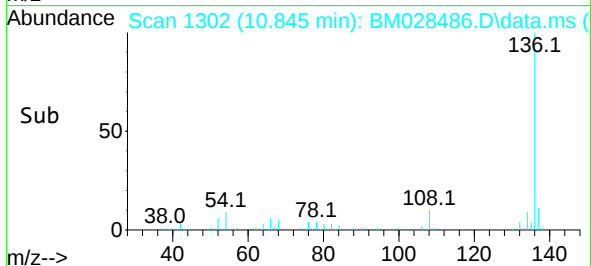
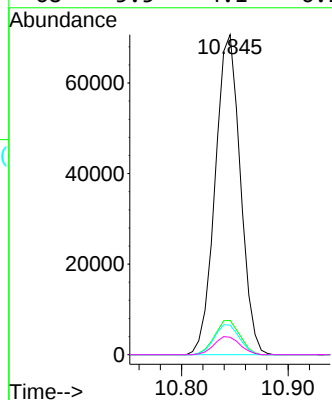


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

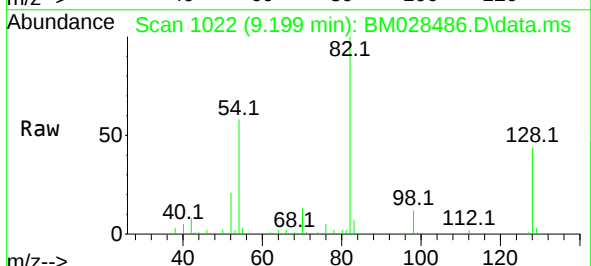
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT



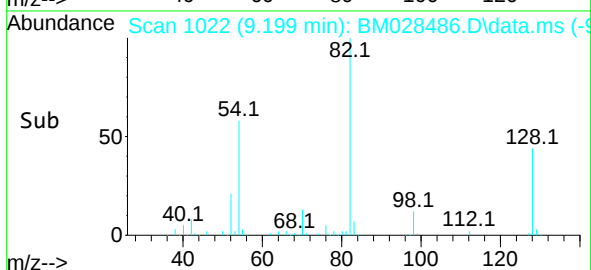
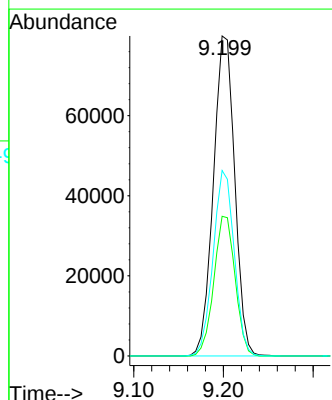
Tgt Ion:136 Resp: 115716
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.3 4.6 7.0#
68 5.5 4.1 6.1

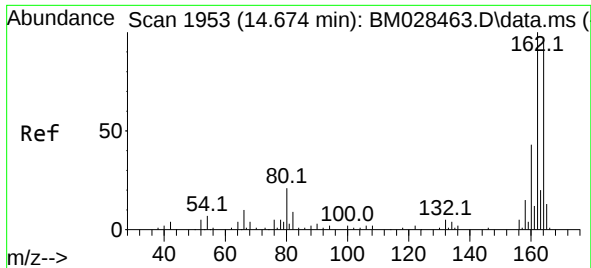


#23
Nitrobenzene-d5
Concen: 54.18 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17



Tgt Ion: 82 Resp: 132197
Ion Ratio Lower Upper
82 100
128 43.6 27.4 41.0#
54 58.0 31.4 47.0#

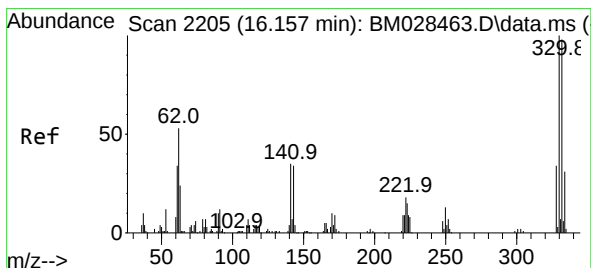
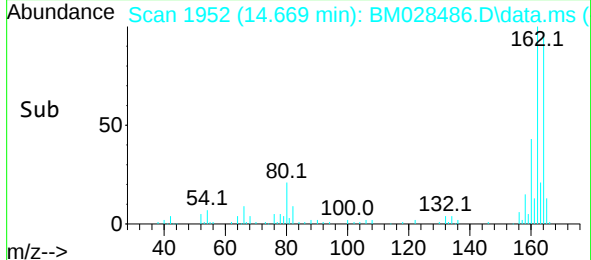
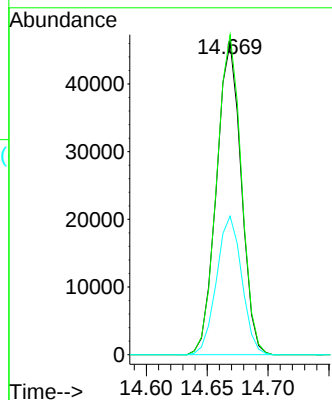
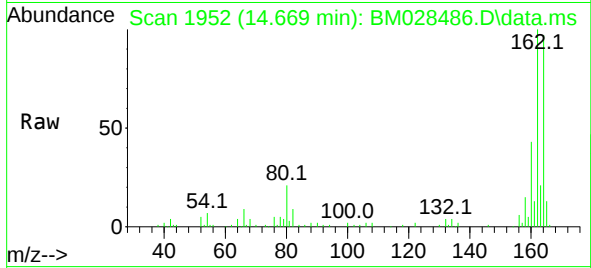




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

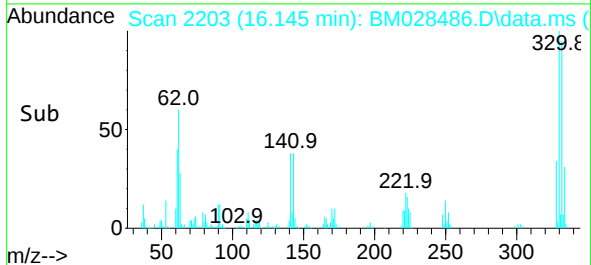
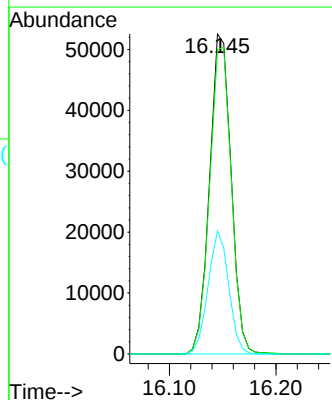
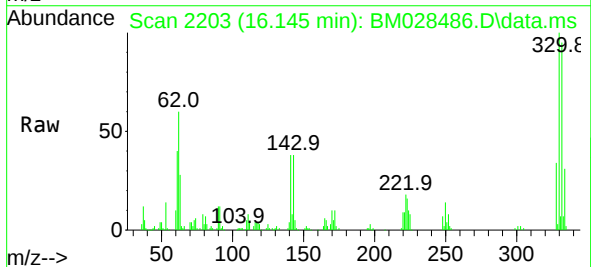
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

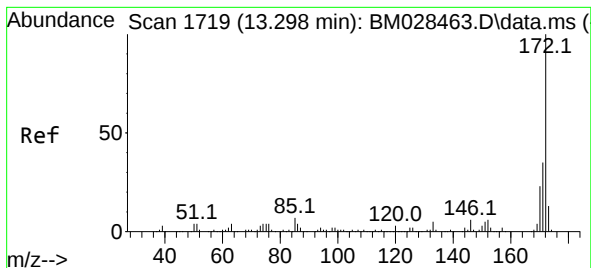
Tgt Ion:164 Resp: 65136
Ion Ratio Lower Upper
164 100
162 102.6 80.4 120.6
160 44.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 85.38 ng
RT: 16.145 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Tgt Ion:330 Resp: 73685
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 36.8 28.4 42.6

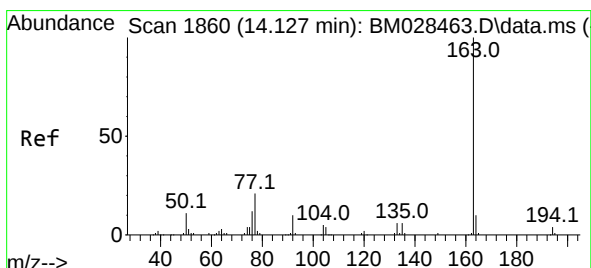
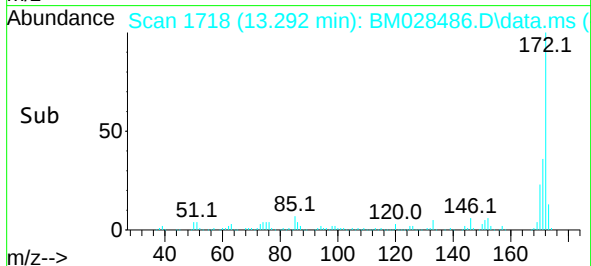
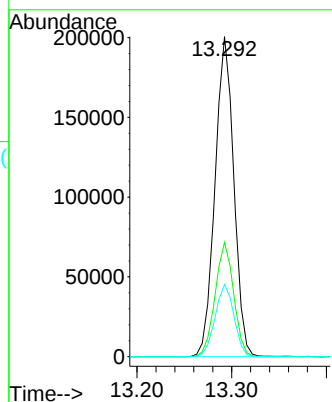
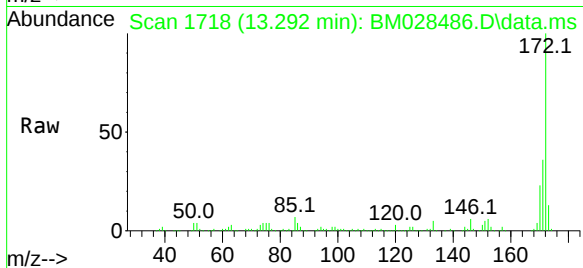




#45
2-Fluorobiphenyl
Concen: 53.17 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

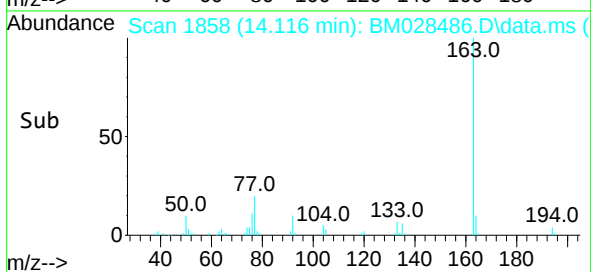
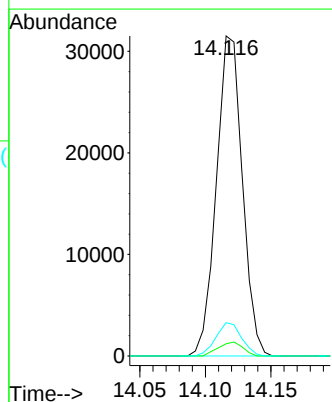
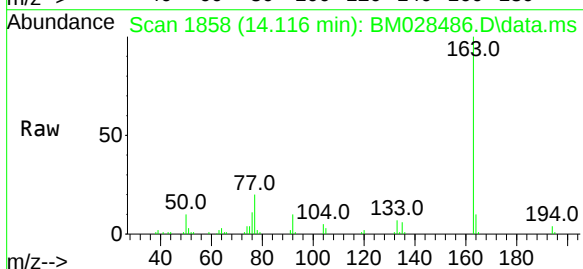
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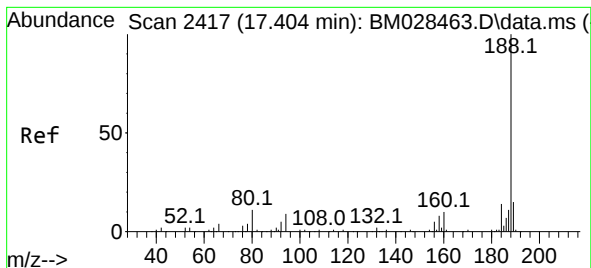
Tgt Ion:	172	Resp:	276031
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.8
170	22.5	18.6	27.8



#50
Dimethylphthalate
Concen: 8.11 ng
RT: 14.116 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Tgt Ion:	163	Resp:	43400
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.4	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.398 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM028486.D

Acq: 21 Jan 2021 13:17

Tgt Ion:188 Resp: 131916

Ion Ratio Lower Upper

188 100

94 9.7 6.2 9.4#

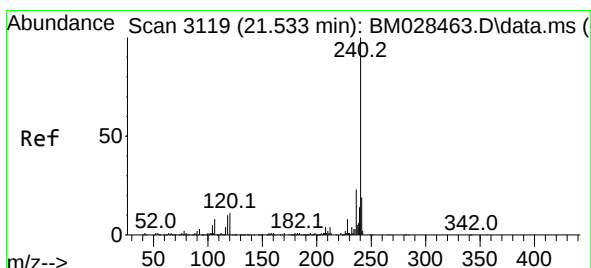
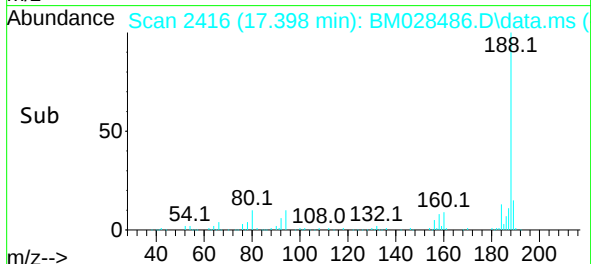
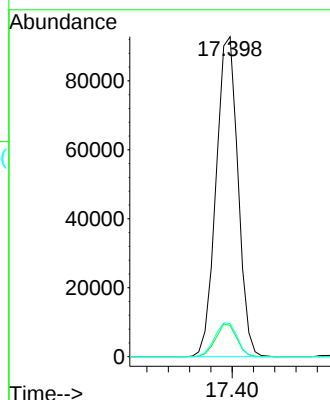
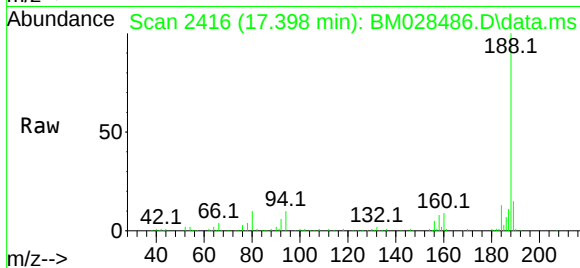
80 10.3 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

TOPSOIL-RBF-LIGHT



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.011 min

Lab File: BM028486.D

Acq: 21 Jan 2021 13:17

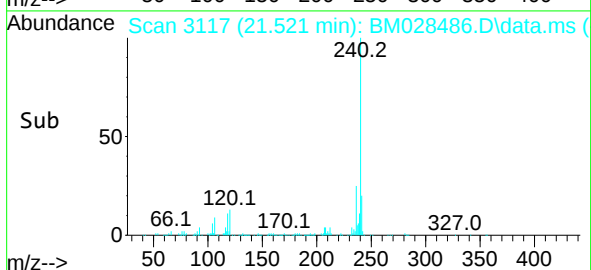
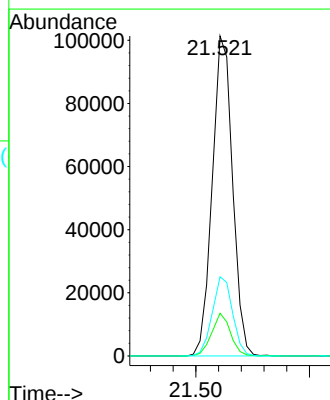
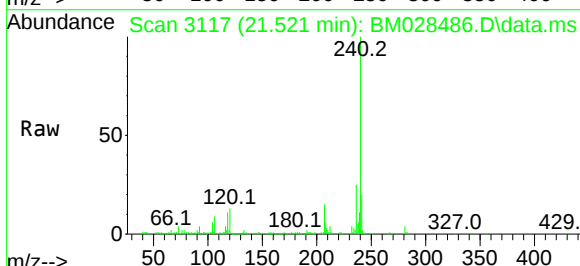
Tgt Ion:240 Resp: 125695

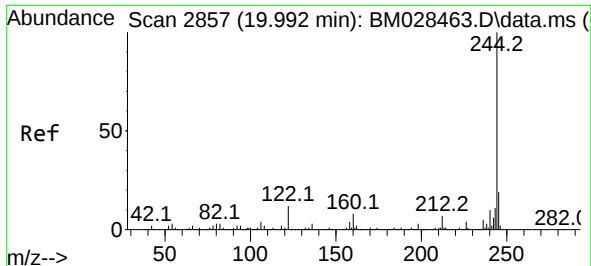
Ion Ratio Lower Upper

240 100

120 13.4 6.4 9.6#

236 24.7 20.1 30.1

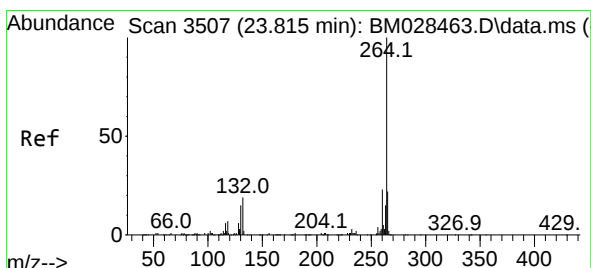
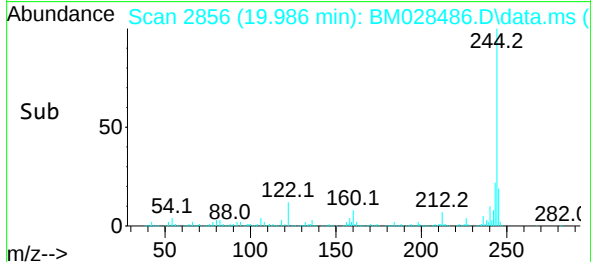
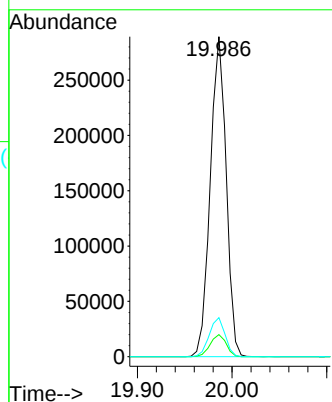
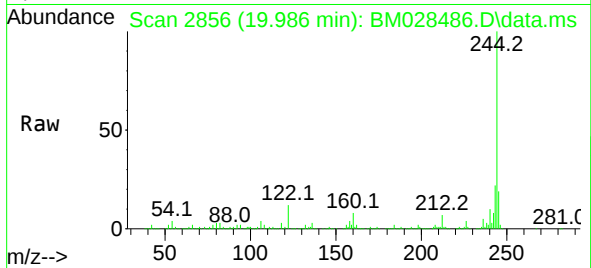




#79
Terphenyl-d14
Concen: 48.35 ng
RT: 19.986 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

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Tgt Ion:244 Resp: 336564
Ion Ratio Lower Upper
244 100
212 6.9 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: BM028486.D
Acq: 21 Jan 2021 13:17

Tgt Ion:264 Resp: 126301
Ion Ratio Lower Upper
264 100
260 22.1 19.0 28.4
265 22.4 17.7 26.5

