

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028486.D
 Acq On : 21 Jan 2021 13:17
 Operator : CG/JU
 Sample : M1100-04
 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)

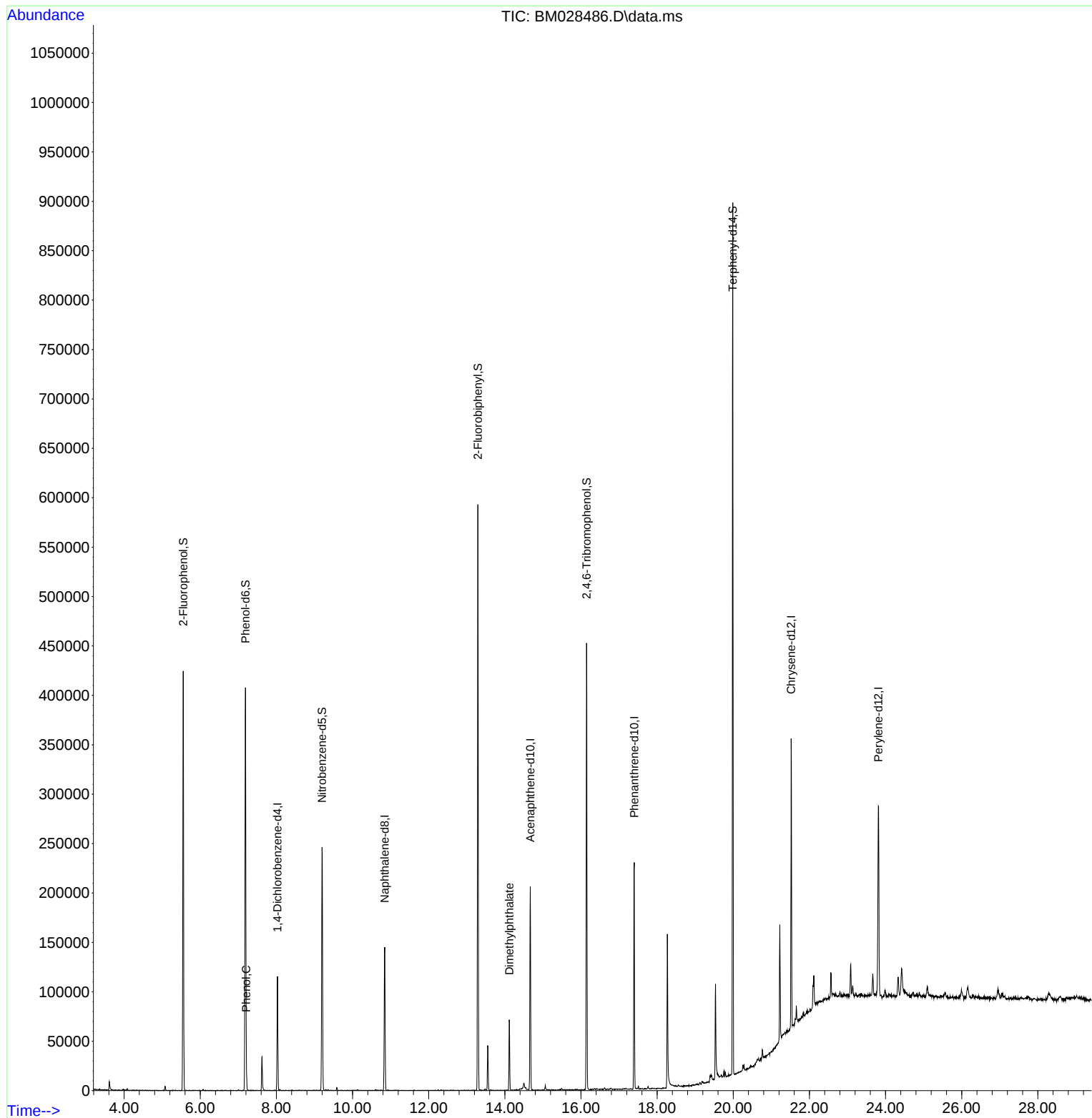
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	30200	20.00	ng	0.00
21) Naphthalene-d8	10.845	136	115716	20.00	ng	# 0.00
39) Acenaphthene-d10	14.669	164	65136	20.00	ng	0.00
64) Phenanthrene-d10	17.398	188	131916	20.00	ng	# 0.00
76) Chrysene-d12	21.521	240	125695	20.00	ng	#-0.01
86) Perylene-d12	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

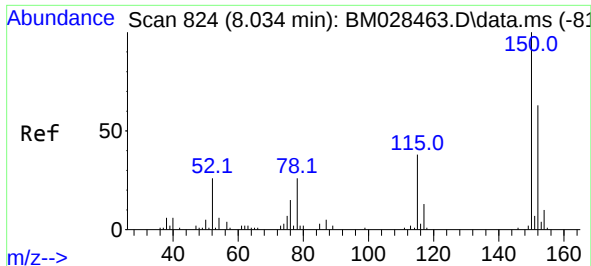
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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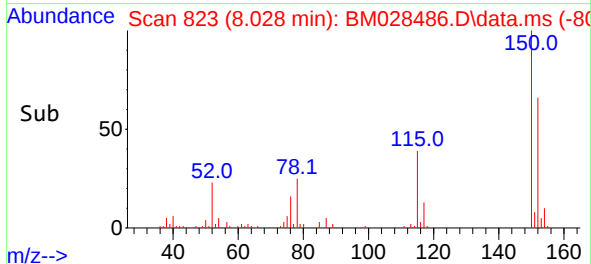
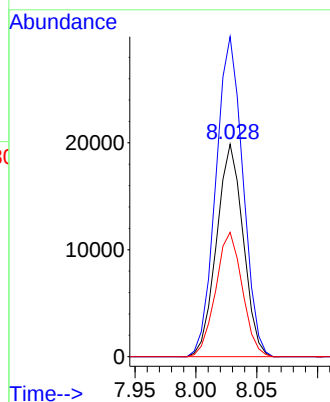
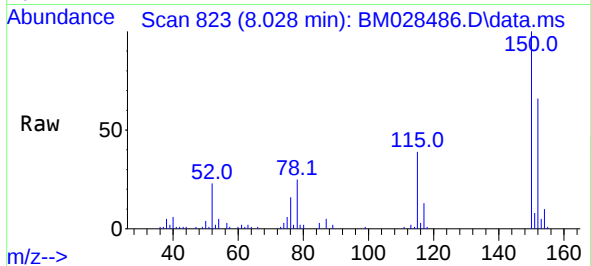




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.028 min Scan# 823
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

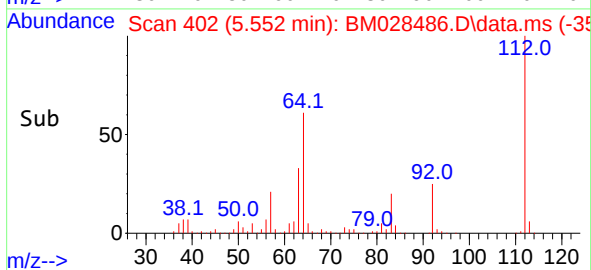
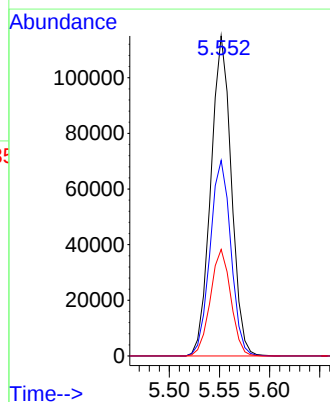
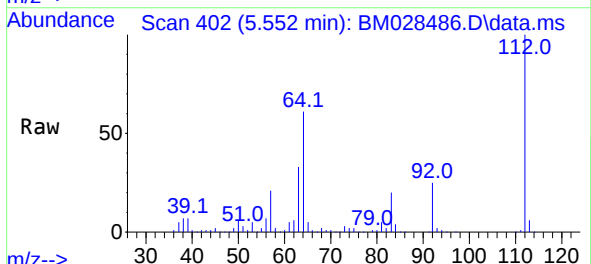
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

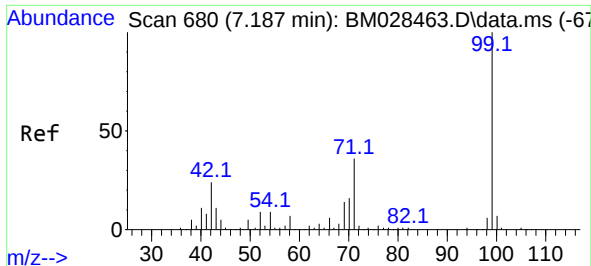
Tgt Ion:152 Resp: 30200
Ion Ratio Lower Upper
152 100
150 150.6 120.6 181.0
115 58.5 47.2 70.8



#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

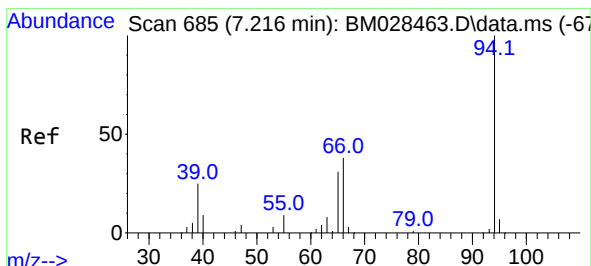
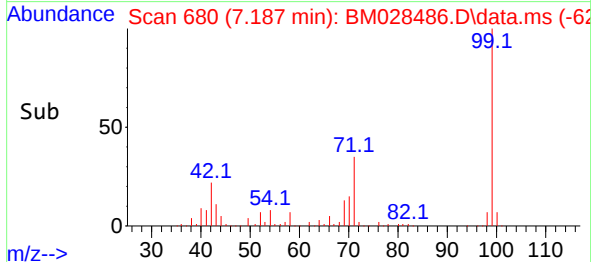
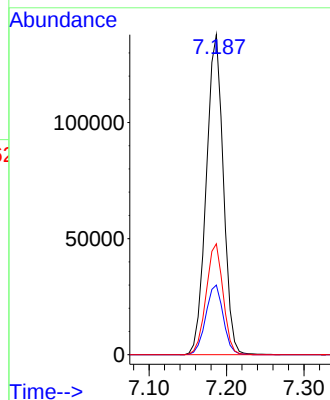
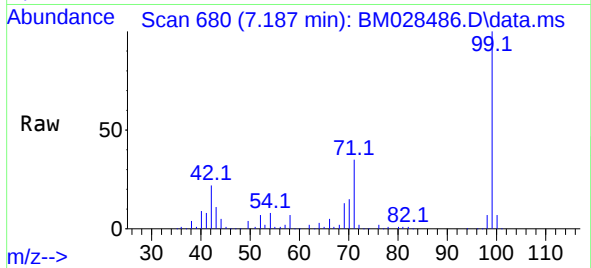




#7
Phenol-d6
Concen: 80.96 ng
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

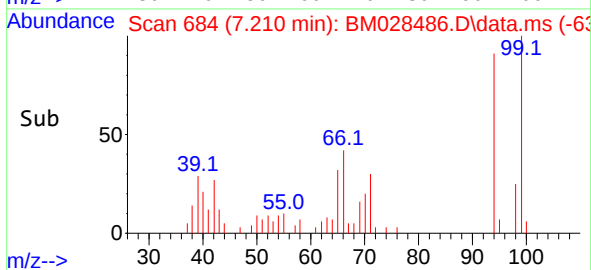
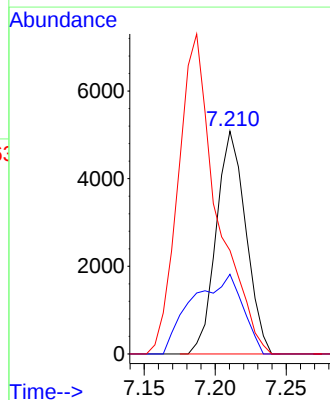
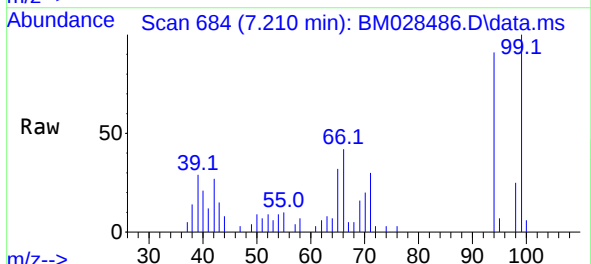
Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

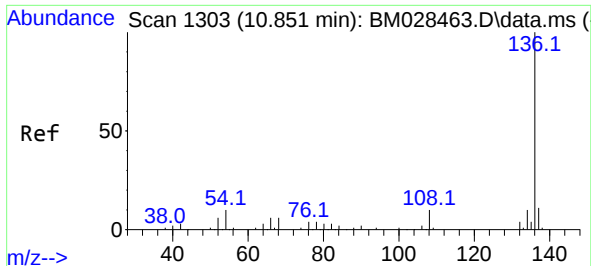
Tgt Ion: 99 Resp: 210731
Ion Ratio Lower Upper
99 100
42 21.7 13.5 20.3#
71 34.7 39.4 59.0#



#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



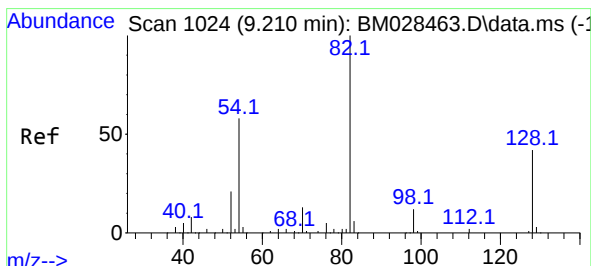
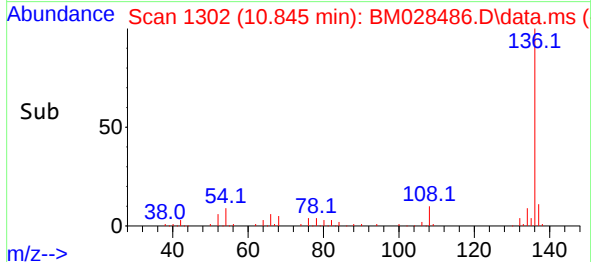
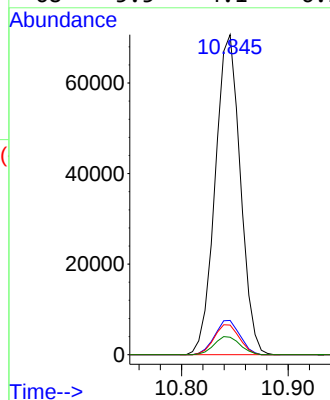
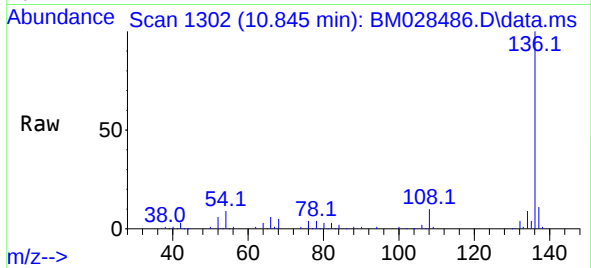


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.845 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

Tgt Ion:136 Resp: 115716

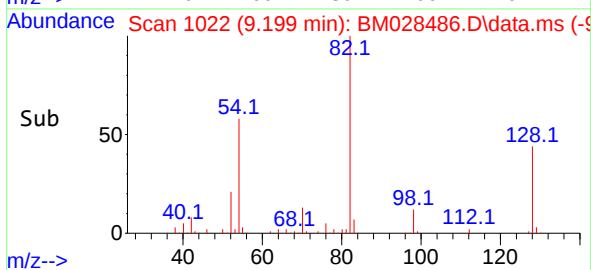
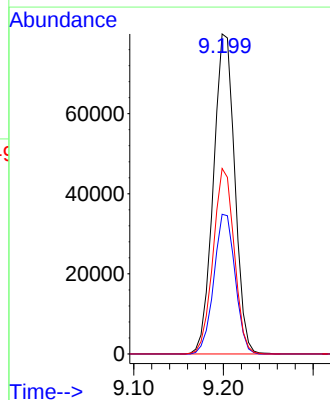
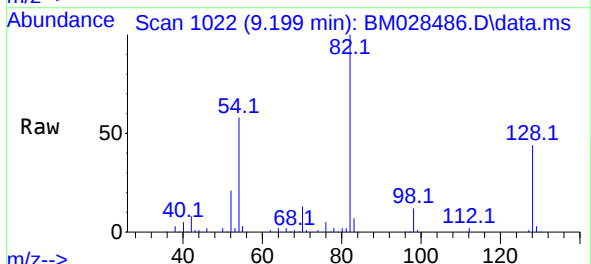
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.3	4.6	7.0#
68	5.5	4.1	6.1

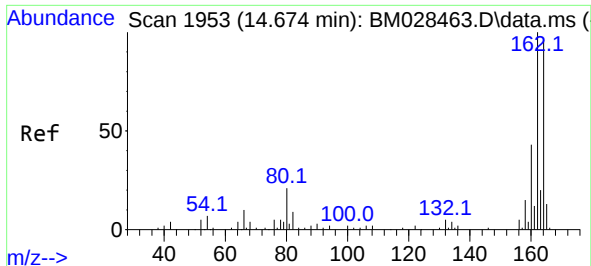


#23
Nitrobenzene-d5
Concen: 54.18 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.011 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

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#



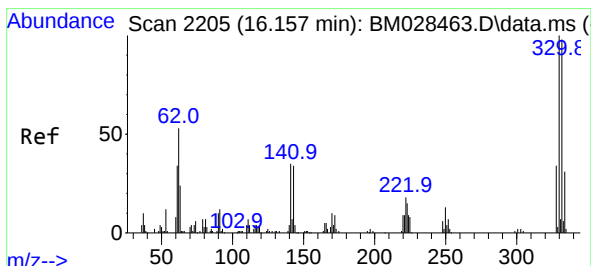
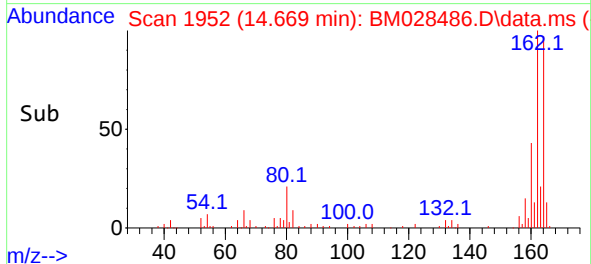
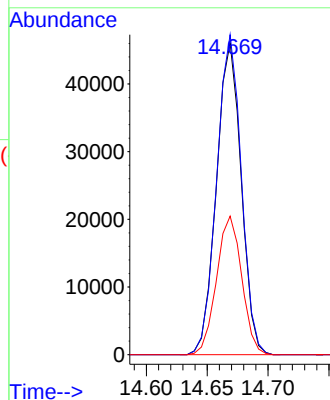
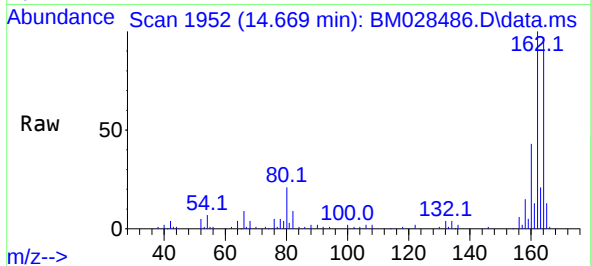


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

Tgt Ion:164 Resp: 65136

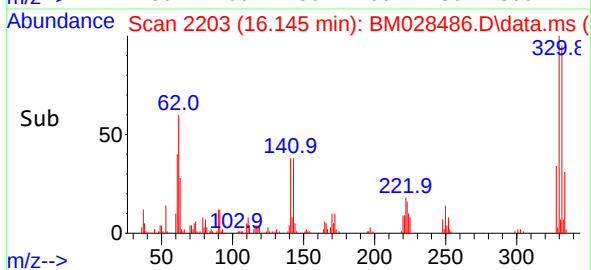
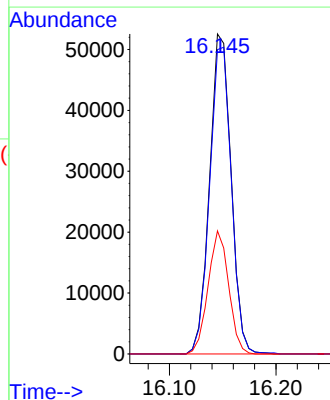
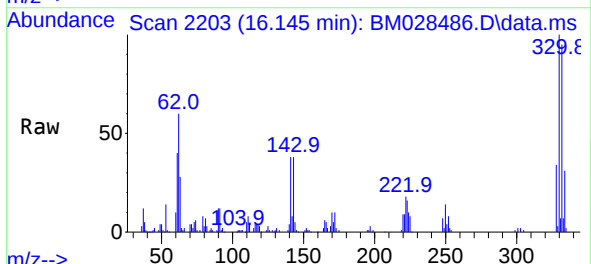
Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.4	120.6
160	44.5	35.9	53.9

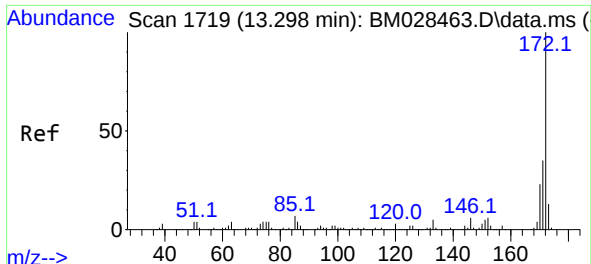


#42
2,4,6-Tribromophenol
Concen: 85.38 ng
RT: 16.145 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

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



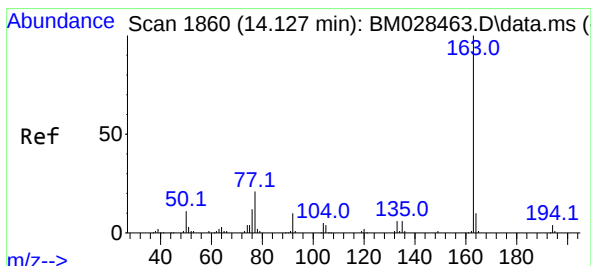
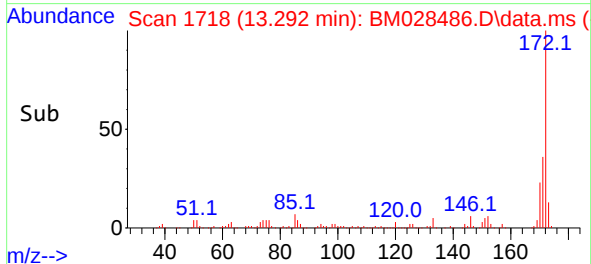
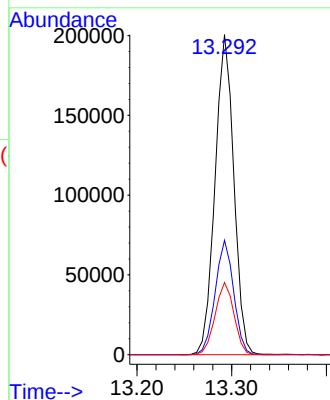
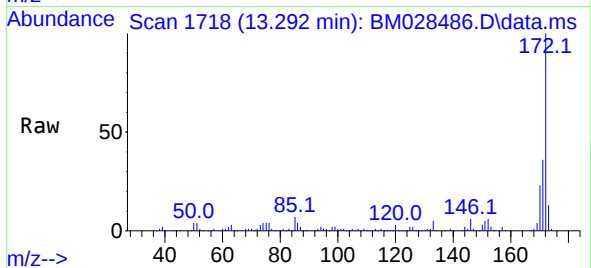


#45
2-Fluorobiphenyl
Concen: 53.17 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Instrument :
BNA_M
ClientSampleId :
TOPSOIL-RBF-LIGHT

Tgt Ion:172 Resp: 276031

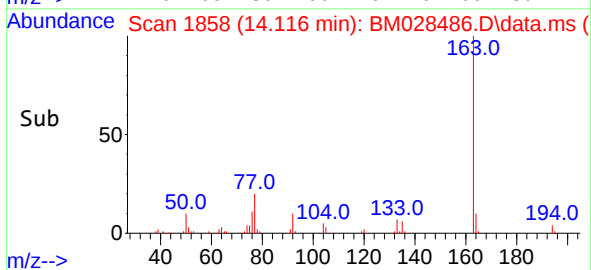
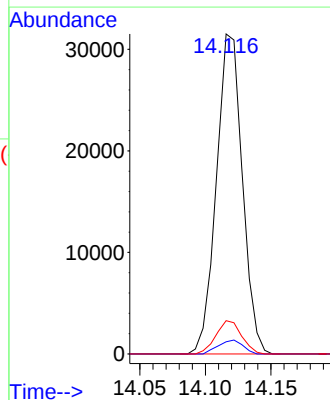
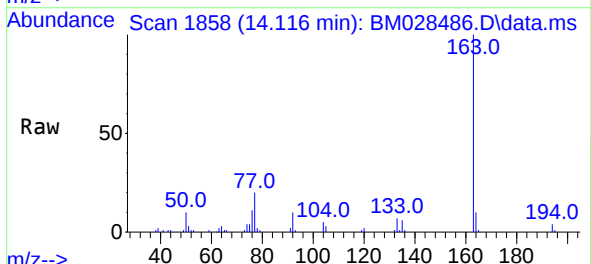
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.8
170	22.5	18.6	27.8

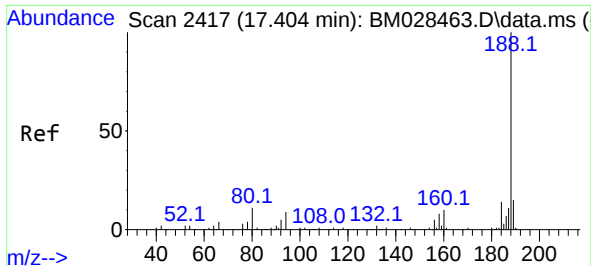


#50
Dimethylphthalate
Concen: 8.11 ng
RT: 14.116 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

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

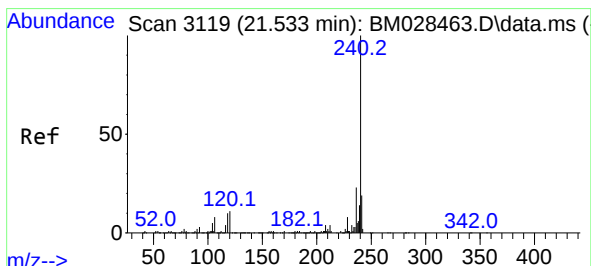
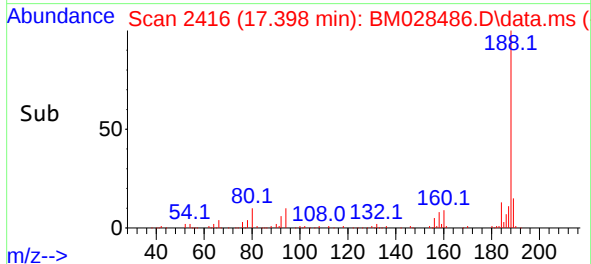
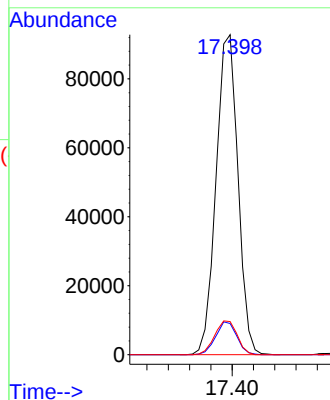
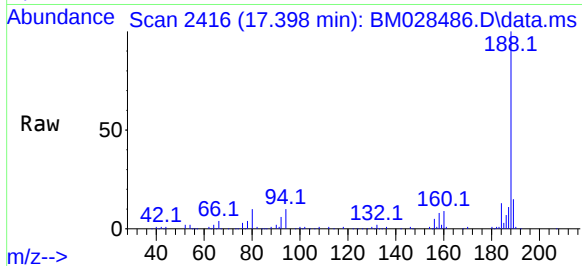




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.398 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

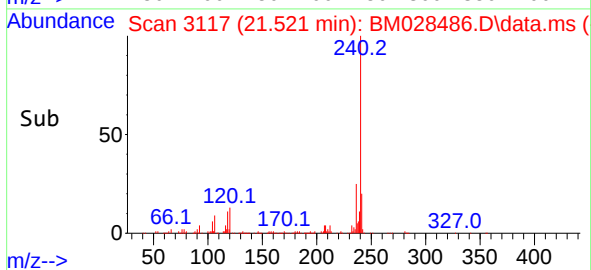
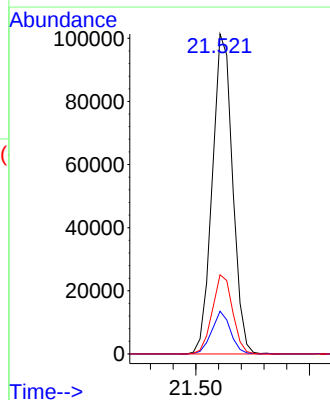
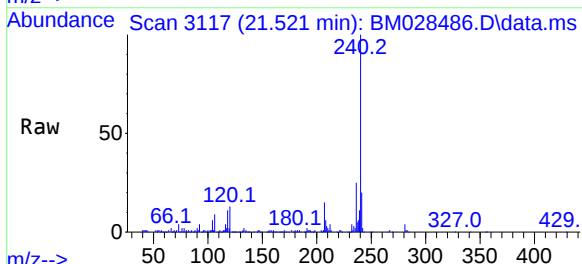
Instrument :
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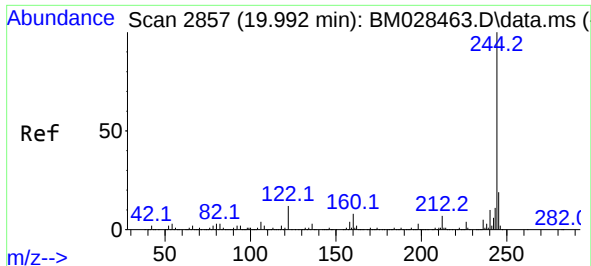
Tgt Ion:188 Resp: 131916
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.4#
80 10.3 7.5 11.3



#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

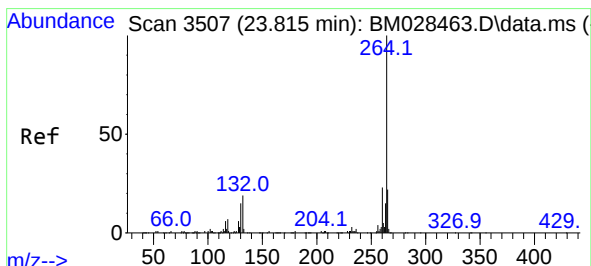
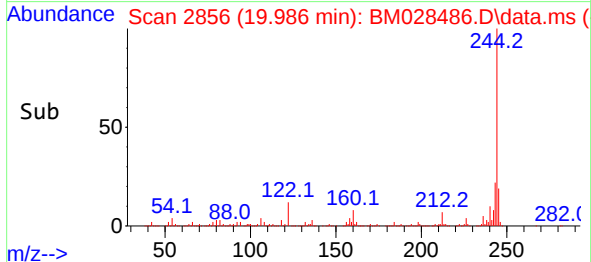
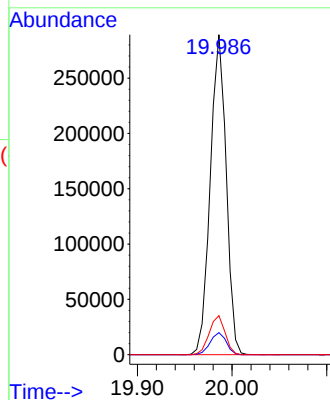
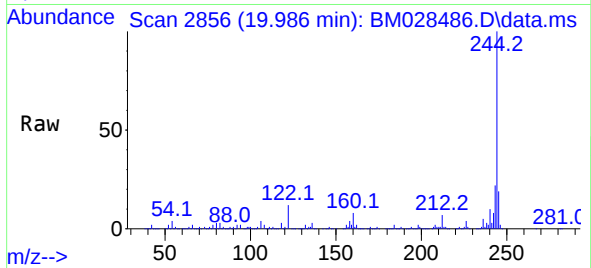




#79
Terphenyl-d14
Concen: 48.35 ng
RT: 19.986 min Scan# 2856
Delta R.T. -0.006 min
Lab File: BM028486.D
Acq: 21 Jan 2021 13:17

Instrument :
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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

