

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004012.D
 Acq On : 19 Nov 2020 19:24
 Operator : CG/JU
 Sample : L4786-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 KL-SOIL

Quant Time: Nov 19 23:57:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

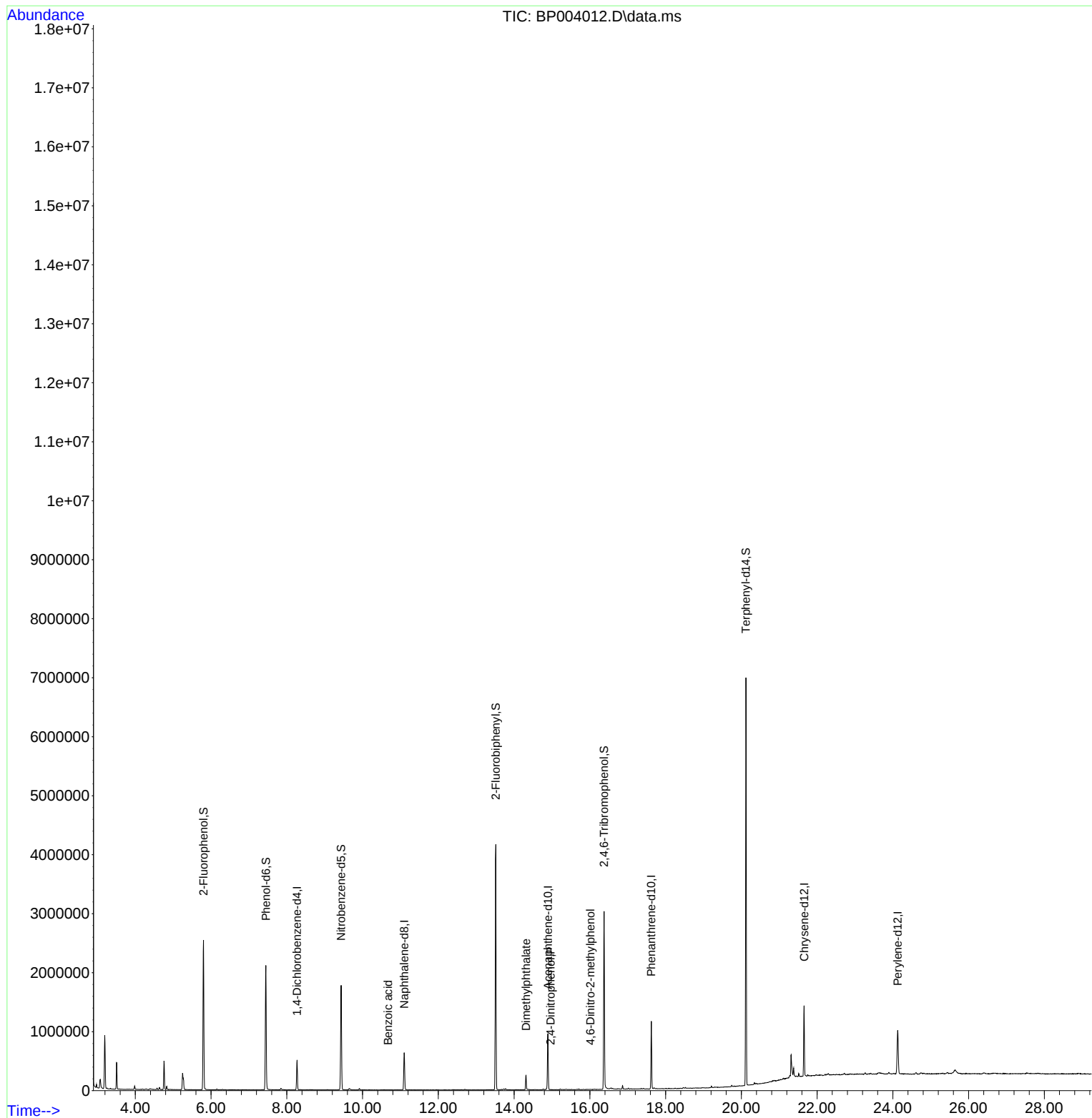
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	133062	20.00	ng	-0.01
21) Naphthalene-d8	11.099	136	511258	20.00	ng	#-0.02
39) Acenaphthene-d10	14.892	164	311564	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	659105	20.00	ng	#-0.02
76) Chrysene-d12	21.657	240	586750	20.00	ng	-0.02
86) Perylene-d12	24.127	264	595327	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	1022017	128.19	ng	0.00
7) Phenol-d6	7.446	99	1143268	99.89	ng	0.00
23) Nitrobenzene-d5	9.434	82	974983	93.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.375	330	572172	146.83	ng	-0.02
45) 2-Fluorobiphenyl	13.516	172	2097520	94.12	ng	-0.01
79) Terphenyl-d14	20.122	244	2826498	93.07	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.375	77	315	Below Cal	#	48
32) Benzoic acid	10.669	122	134	8.33	ng	97
50) Dimethylphthalate	14.316	163	153909	6.32	ng	99
54) 2,4-Dinitrophenol	14.963	184	24	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	20	6.35	ng	# 1

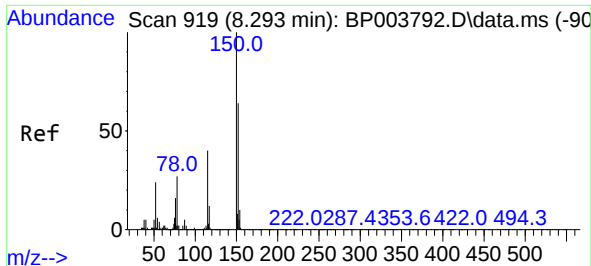
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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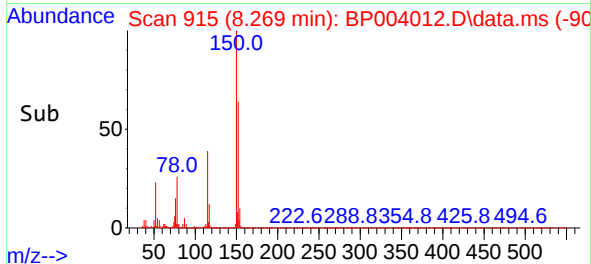
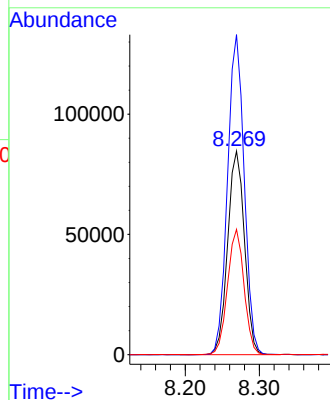
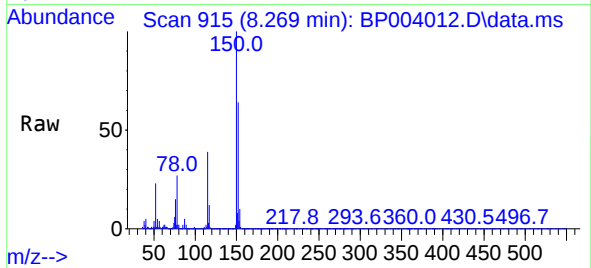




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

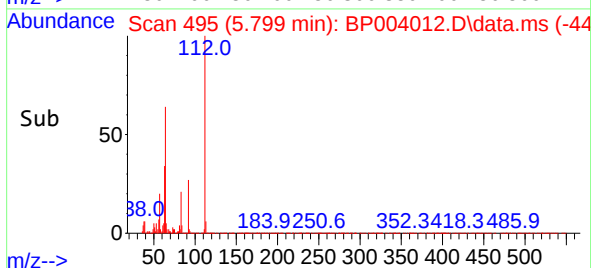
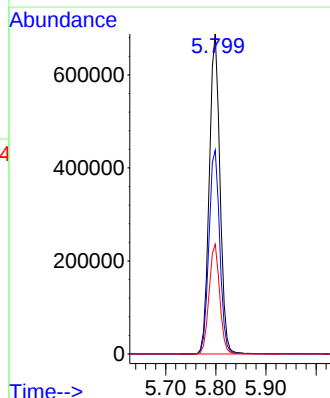
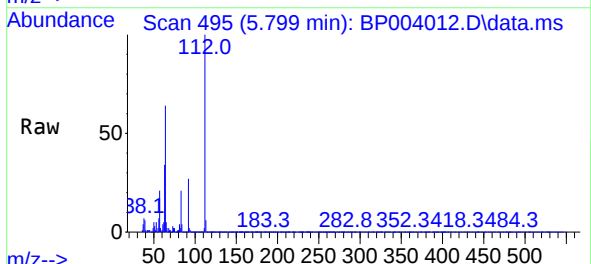
Instrument :
BNA_P
ClientSampled :
KL-SOIL

Tgt Ion:152 Resp: 133062
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 61.6 43.8 65.6



#5
2-Fluorophenol
Concen: 128.19 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion:112 Resp: 1022017
Ion Ratio Lower Upper
112 100
64 63.7 32.8 49.2#
63 34.3 17.0 25.4#

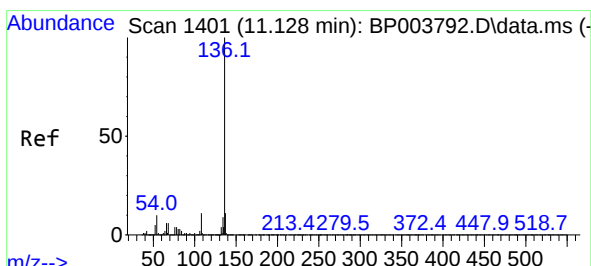
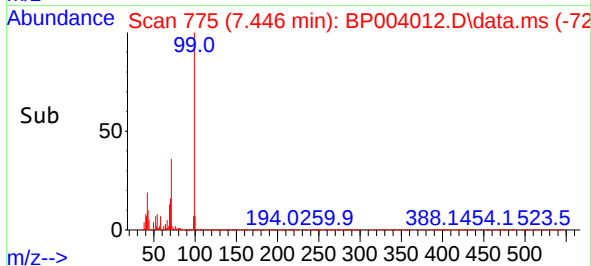
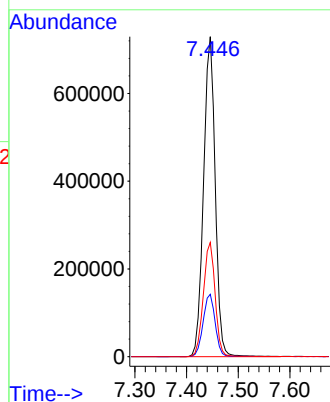
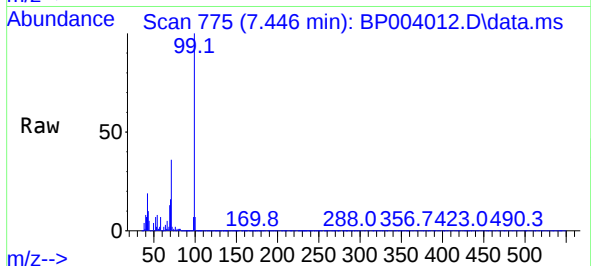




#7
Phenol-d6
Concen: 99.89 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

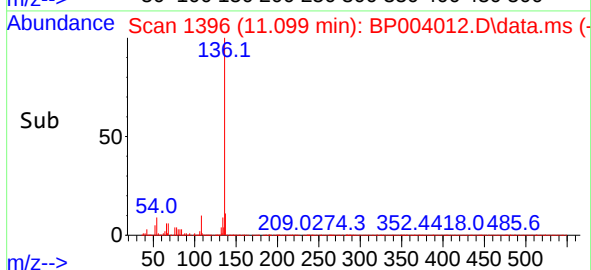
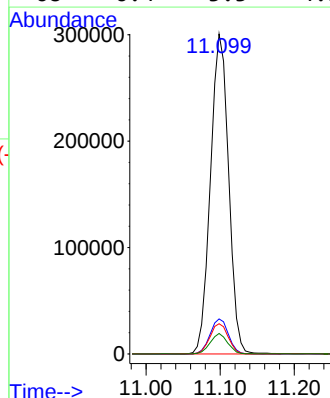
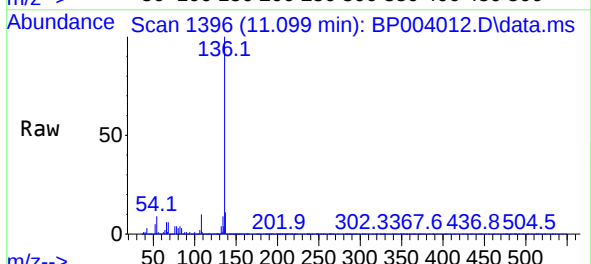
Instrument :
BNA_P
ClientSampleId :
KL-SOIL

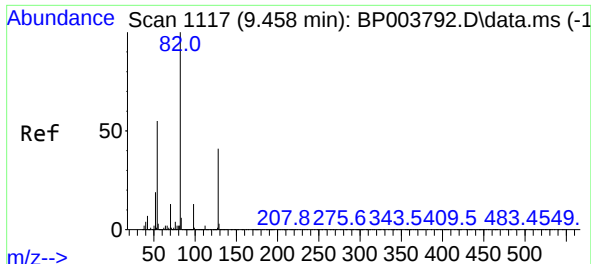
Tgt Ion: 99 Resp: 1143268
Ion Ratio Lower Upper
99 100
42 19.5 8.6 13.0#
71 35.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion: 136 Resp: 511258
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 3.6 5.4#
68 6.4 3.3 4.9#

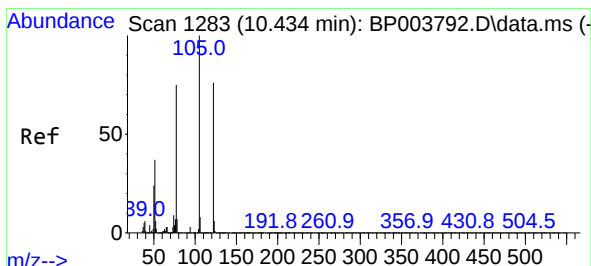
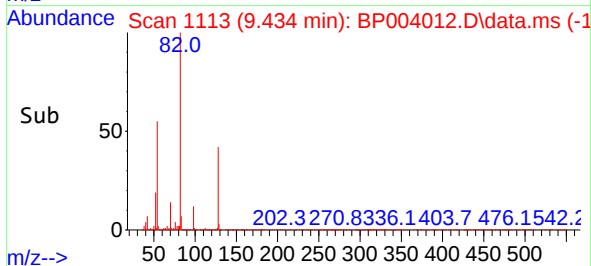
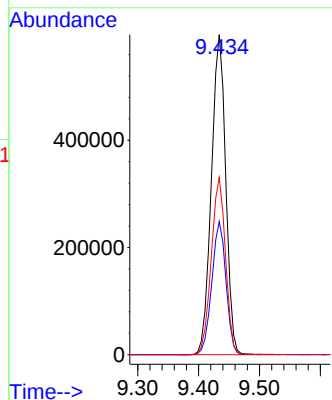
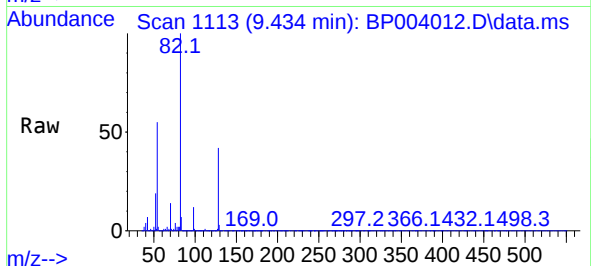




#23
Nitrobenzene-d5
Concen: 93.40 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

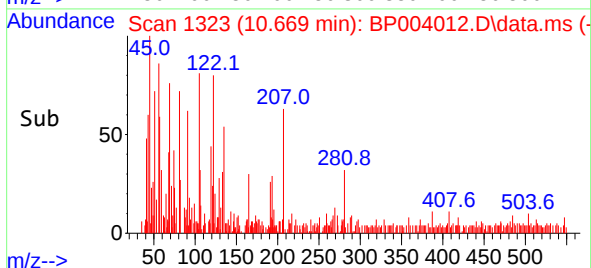
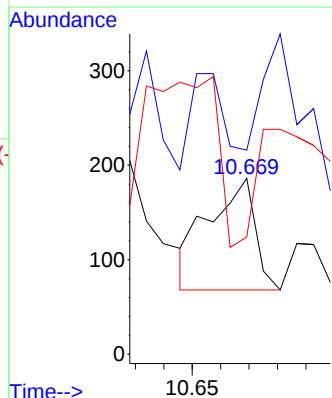
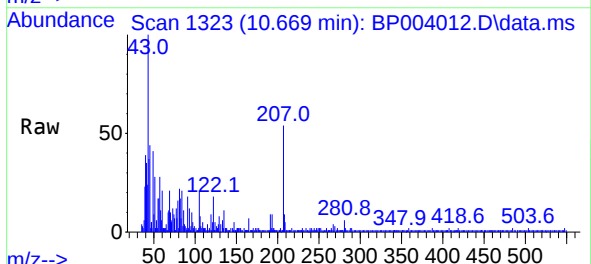
Instrument :
BNA_P
ClientSampleId :
KL-SOIL

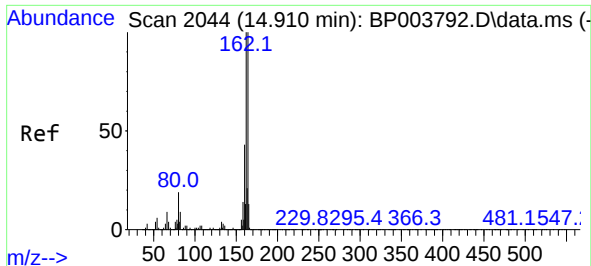
Tgt Ion: 82 Resp: 974983
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 55.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.33 ng
RT: 10.669 min Scan# 1323
Delta R.T. 0.230 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion: 122 Resp: 134
Ion Ratio Lower Upper
122 100
105 116.1 94.1 134.1
77 66.7 50.1 90.1

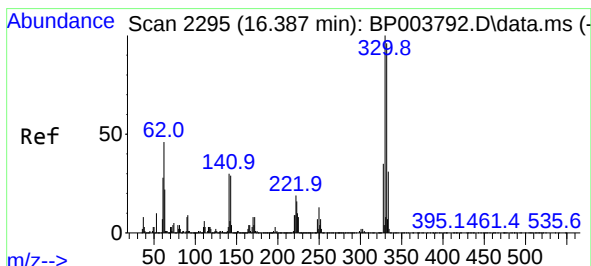
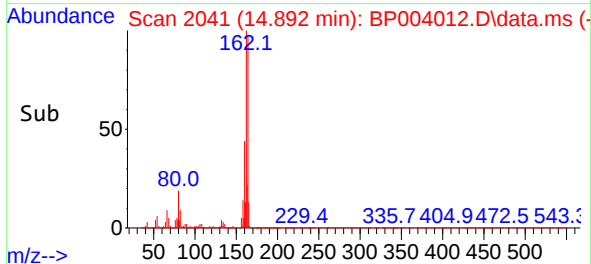
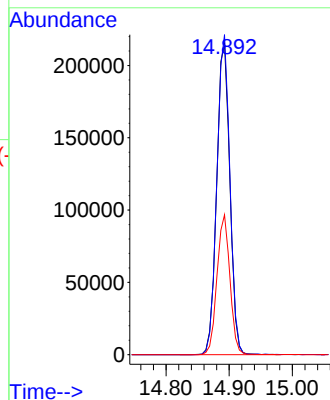
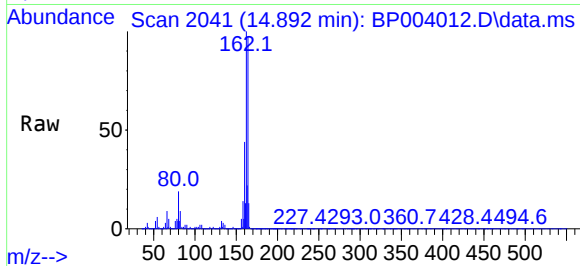




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

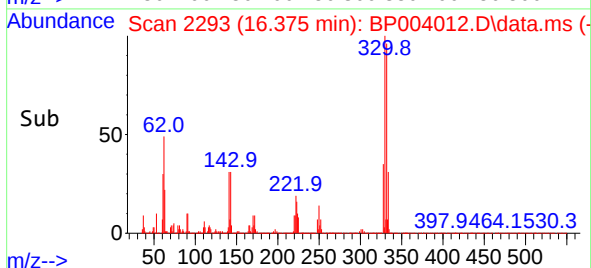
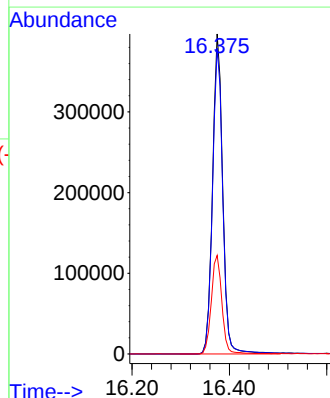
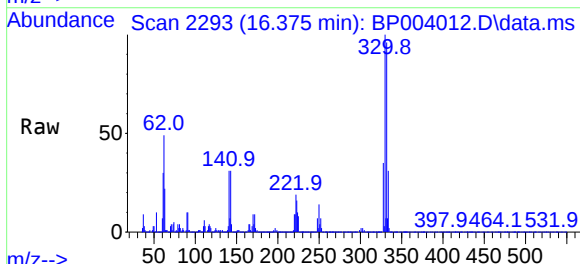
Instrument :
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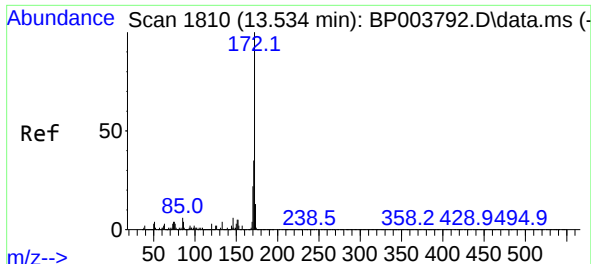
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.4	119.2
160	45.0	36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 146.83 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.018 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	32.1	23.4	35.2

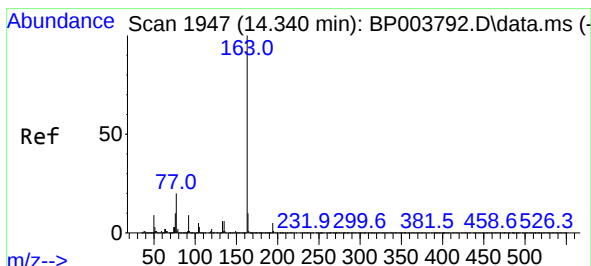
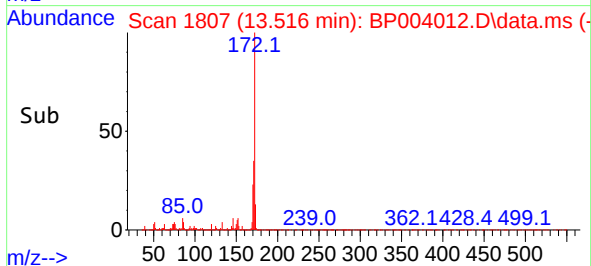
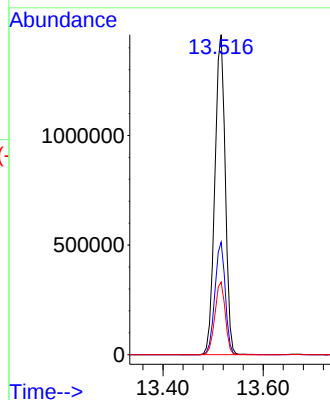
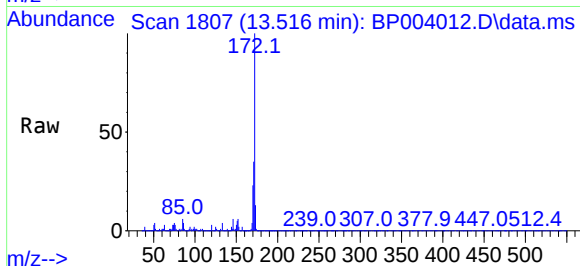




#45
2-Fluorobiphenyl
Concen: 94.12 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

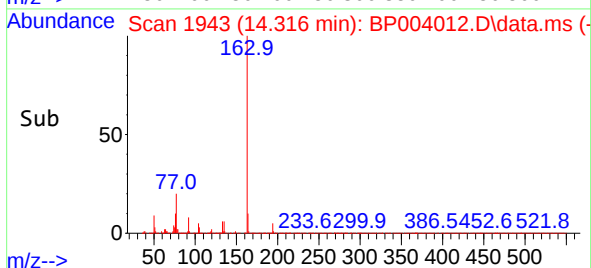
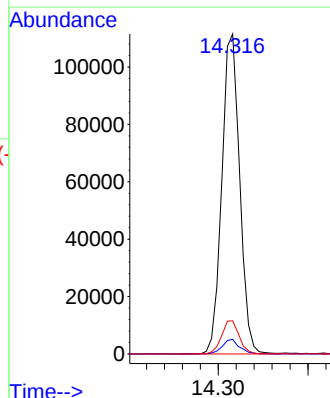
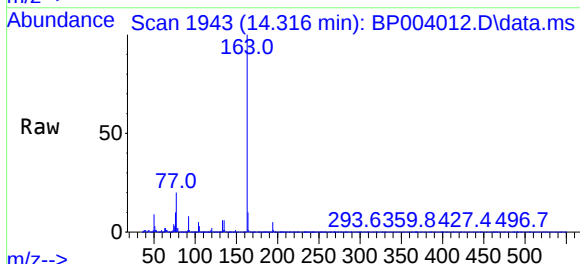
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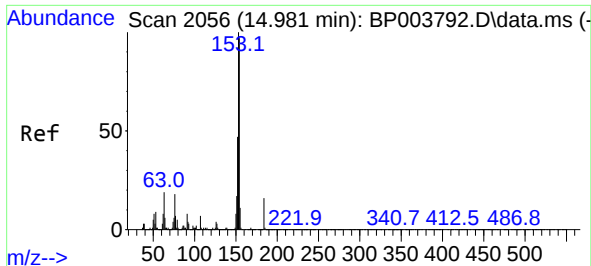
Tgt Ion:172 Resp: 2097520
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 19.2 28.8



#50
Dimethylphthalate
Concen: 6.32 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion:163 Resp: 153909
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.3 8.2 12.2

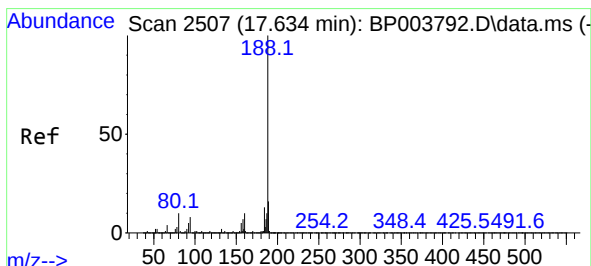
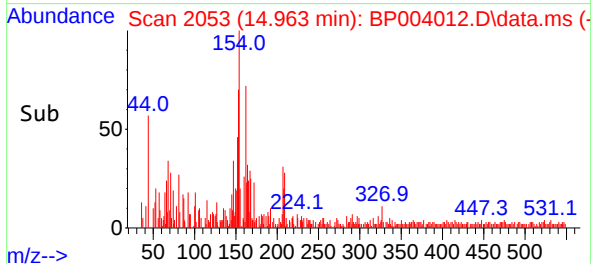
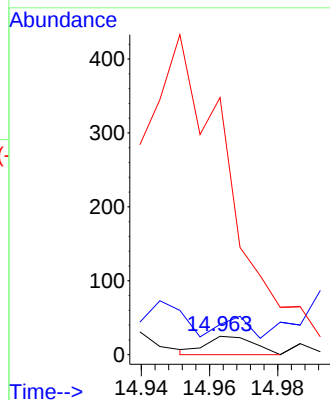
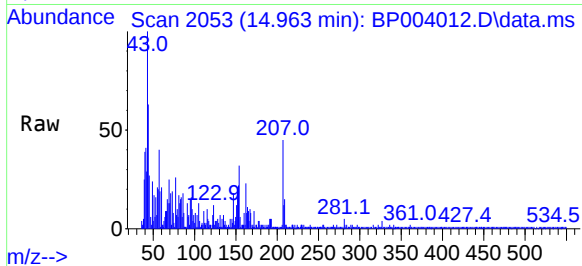




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.963 min Scan# 2053
Delta R.T. -0.035 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

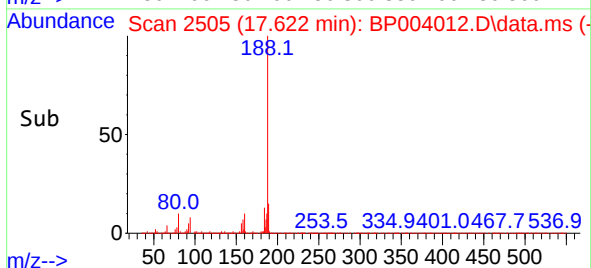
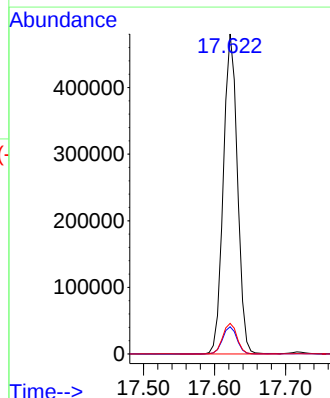
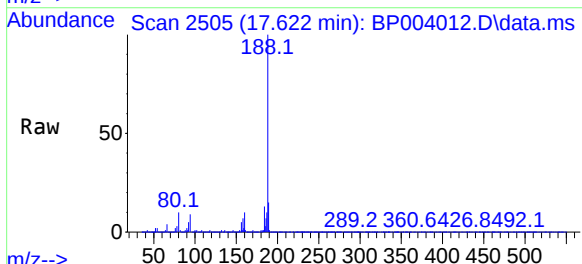
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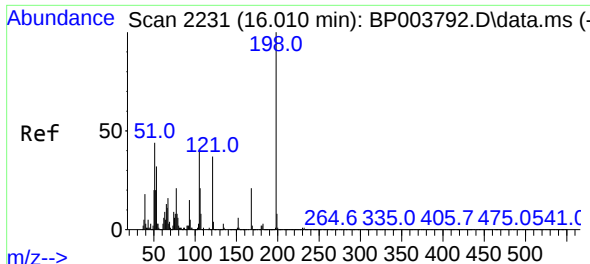
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 164.0 32.3 48.5#
154 1392.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.018 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion:188 Resp: 659105
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.6 6.2 9.2#

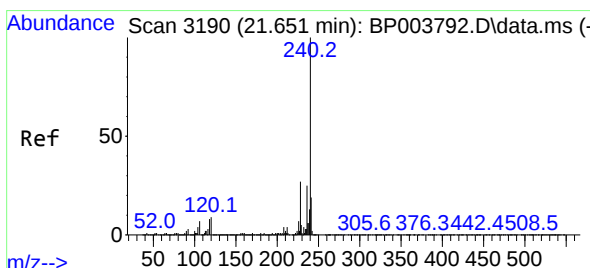
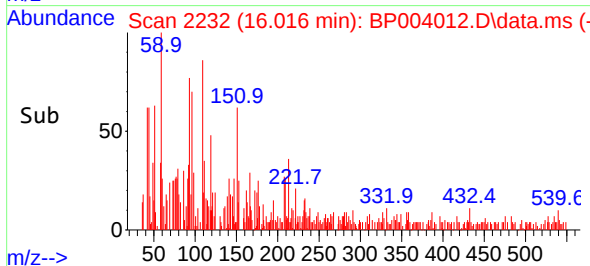
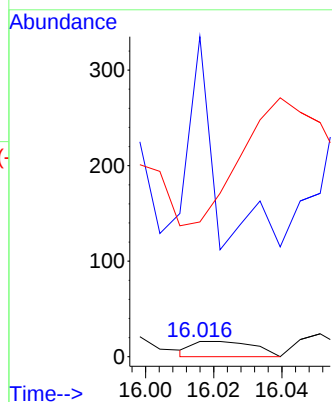
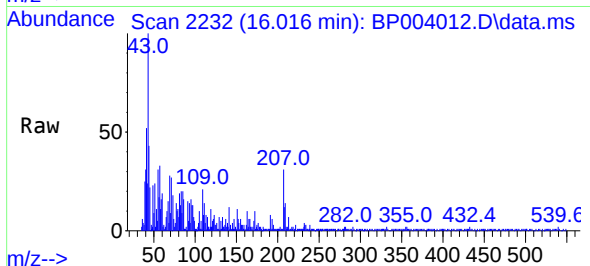




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

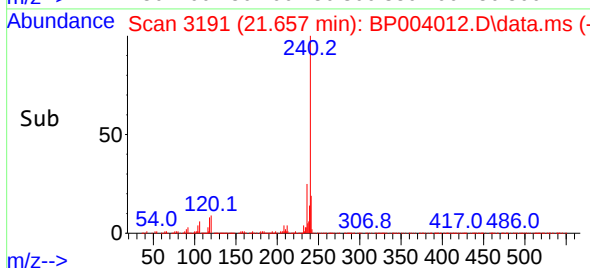
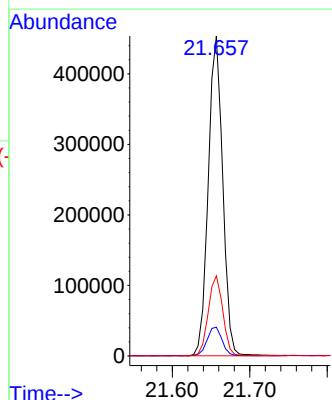
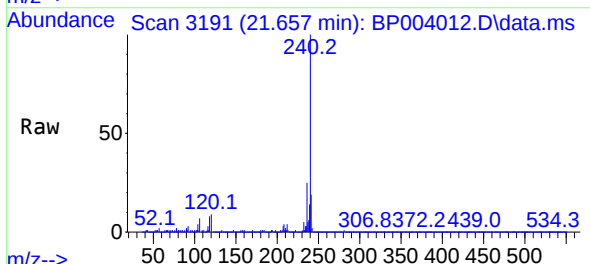
Instrument :
BNA_P
ClientSampled :
KL-SOIL

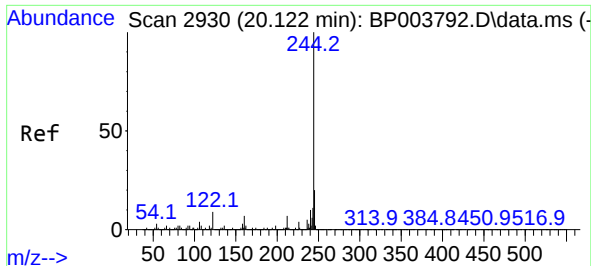
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 2093.8 6.4 46.4#
105 931.3 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.018 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion:240 Resp: 586750
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.1 20.8 31.2

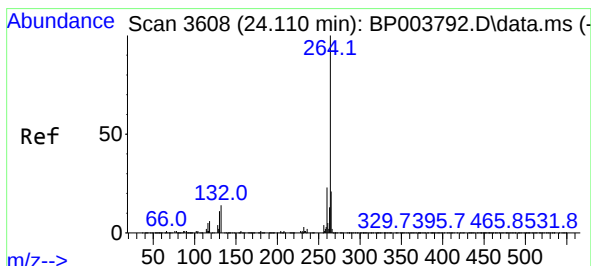
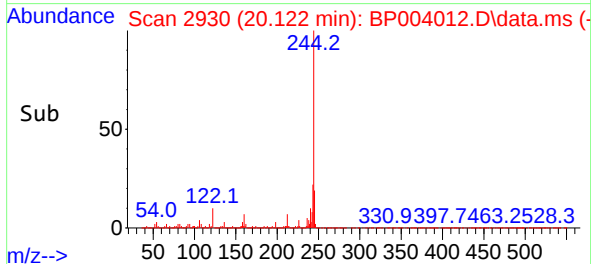
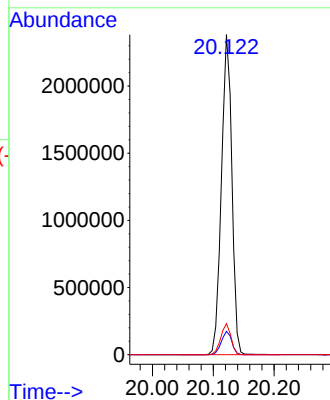
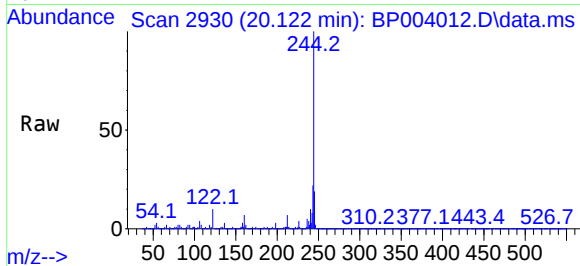




#79
Terphenyl-d14
Concen: 93.07 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.012 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Instrument :
BNA_P
ClientSampleId :
KL-SOIL

Tgt Ion:244 Resp: 2826498
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.7 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. -0.029 min
Lab File: BP004012.D
Acq: 19 Nov 2020 19:24

Tgt Ion:264 Resp: 595327
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 21.8 17.4 26.2

