

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122099.D
 Acq On : 23 Oct 2020 15:16
 Operator : JU/CG
 Sample : L4486-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-SOIL

Quant Time: Oct 23 15:50:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

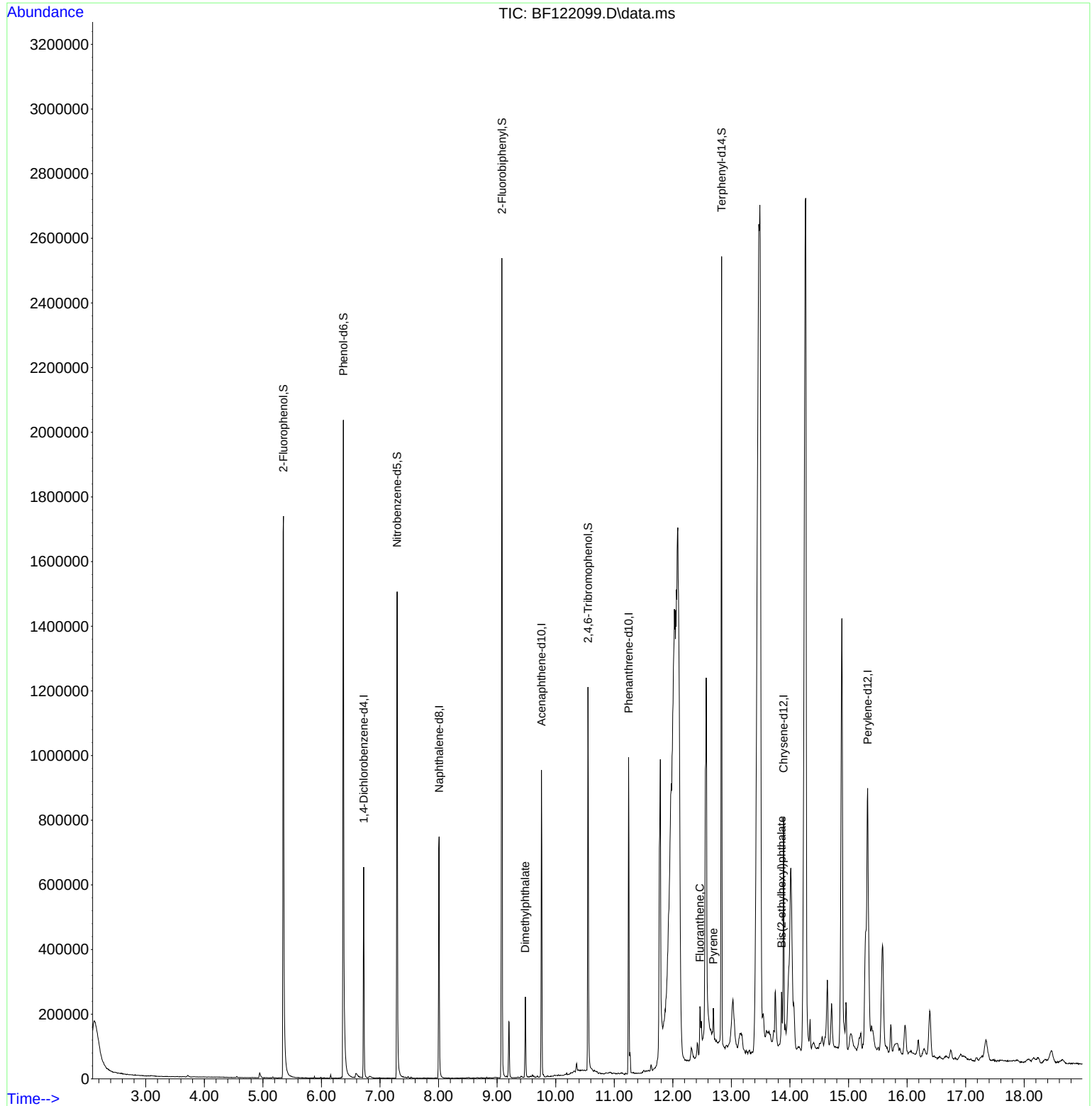
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	94028	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	370144	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	188399	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	344853	20.00	ng	0.00
76) Chrysene-d12	13.892	240	231376	20.00	ng	0.00
86) Perylene-d12	15.327	264	203350	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	577421	90.63	ng	0.00
7) Phenol-d6	6.375	99	724317	88.32	ng	0.00
23) Nitrobenzene-d5	7.292	82	494592	68.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	148827	63.86	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	797617	62.29	ng	0.00
79) Terphenyl-d14	12.833	244	706846	58.22	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.481	163	98341	7.14	ng	99
75) Fluoranthene	12.463	202	43791	2.16	ng	98
78) Pyrene	12.692	202	37196	2.11	ng	99
84) Bis(2-ethylhexyl)phtha...	13.857	149	33978	3.58	ng	97

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

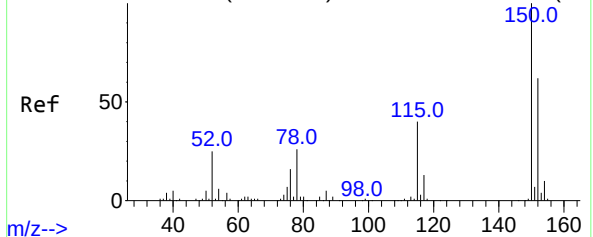
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122099.D
Acq On : 23 Oct 2020 15:16
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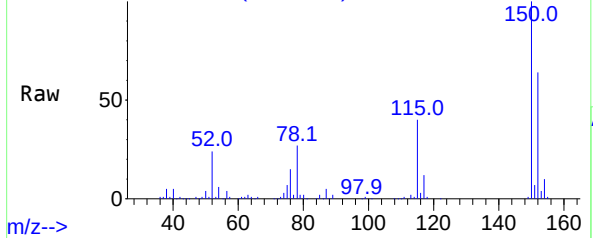
Quant Time: Oct 23 15:50:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration



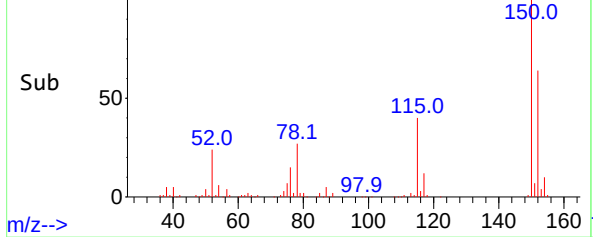
Abundance Scan 792 (6.745 min): BF121917.D\data.ms (-78



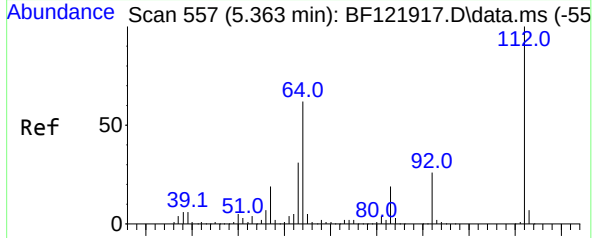
m/z--> Scan 788 (6.722 min): BF122099.D\data.ms



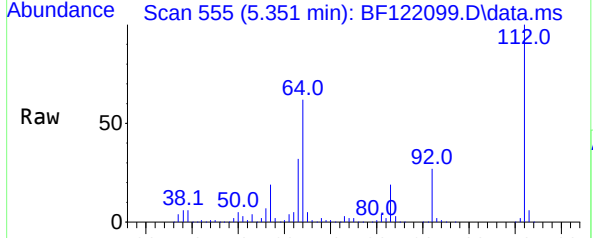
Abundance Scan 788 (6.722 min): BF122099.D\data.ms (-77



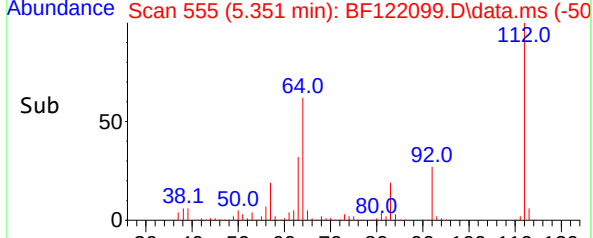
m/z--> Scan 557 (5.363 min): BF121917.D\data.ms (-55



m/z--> Scan 555 (5.351 min): BF122099.D\data.ms



Abundance Scan 555 (5.351 min): BF122099.D\data.ms (-50

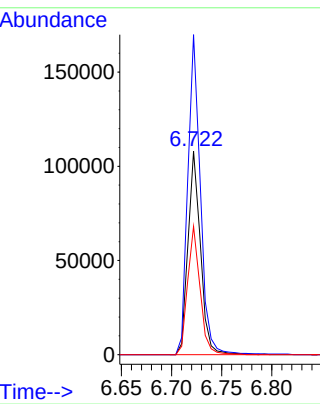


m/z--> Time-->

#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

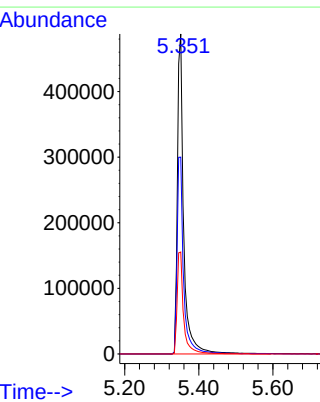
Tgt Ion:	152	Resp:	94028
Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.3	187.9
115	63.0	51.9	77.9

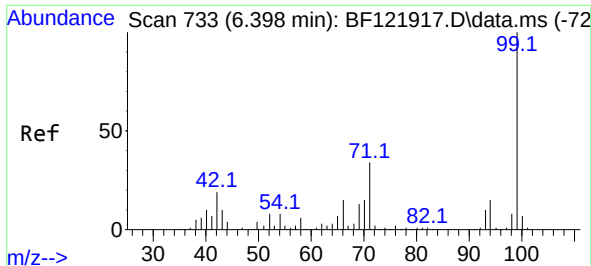


#5

2-Fluorophenol
Concen: 90.63 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion:	112	Resp:	577421
Ion	Ratio	Lower	Upper
112	100		
64	61.5	50.4	75.6
63	31.8	25.8	38.6

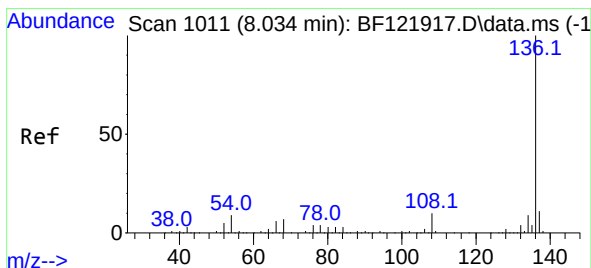
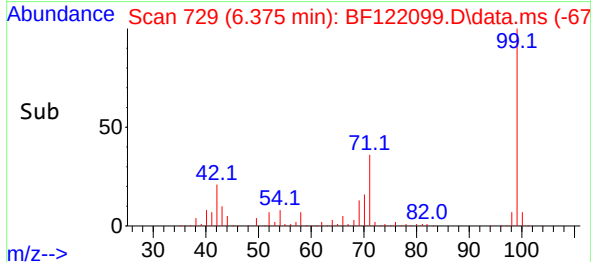
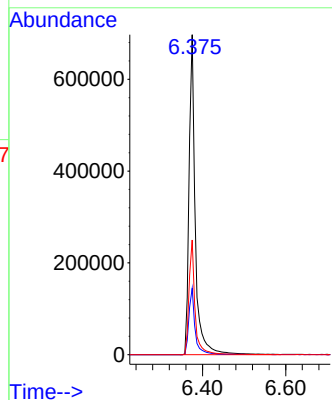
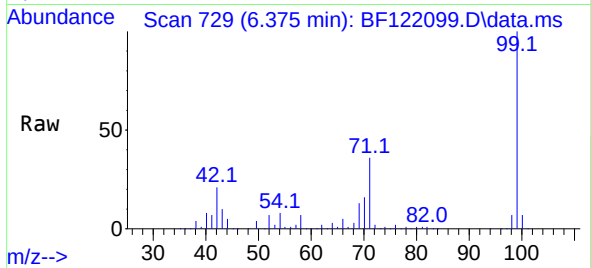




#7
Phenol-d6
Concen: 88.32 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

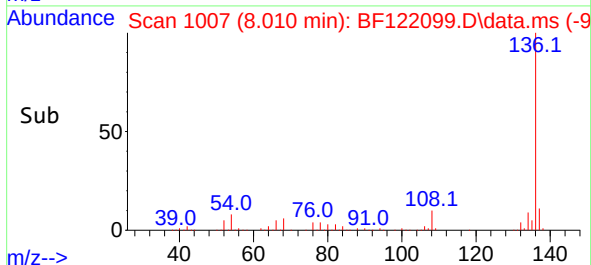
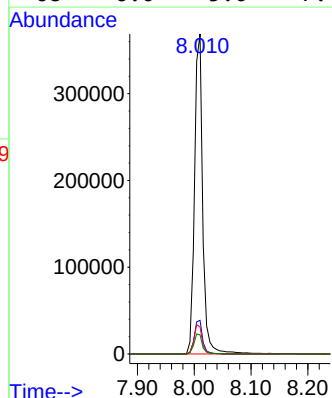
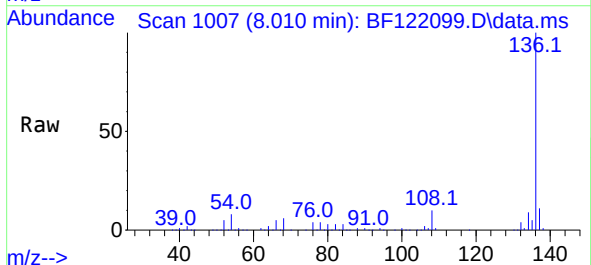
Instrument :
BNA_F
ClientSampleId :
MS-SOIL

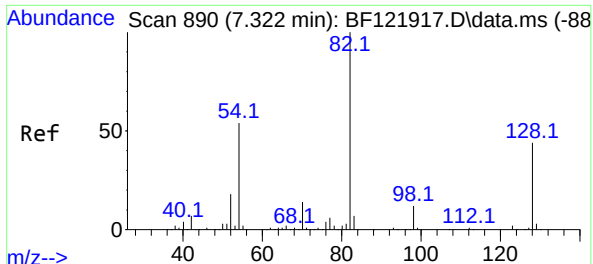
Tgt Ion: 99 Resp: 724317
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 35.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion: 136 Resp: 370144
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 68.53 ng

RT: 7.292 min Scan# 885

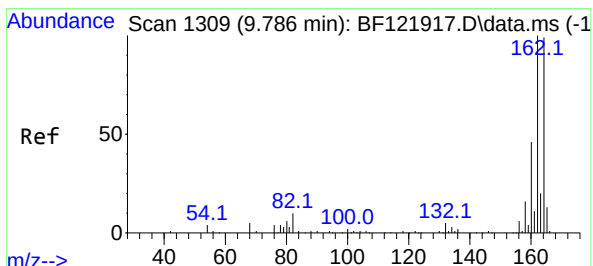
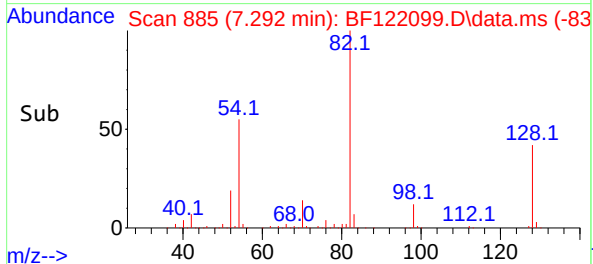
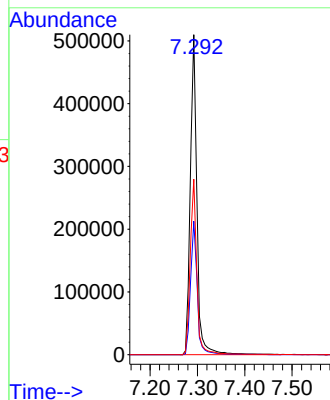
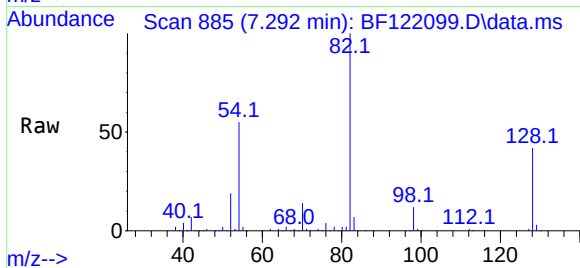
Delta R.T. -0.012 min

Lab File: BF122099.D

Acq: 23 Oct 2020 15:16

Tgt Ion: 82 Resp: 494592

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.0	52.4
54	54.9	43.9	65.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

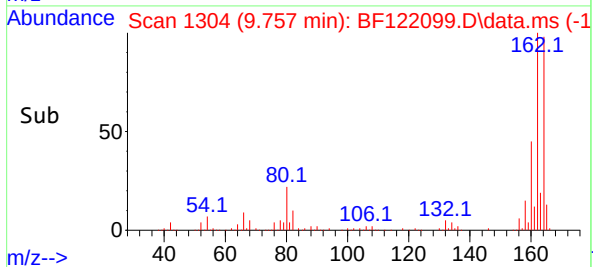
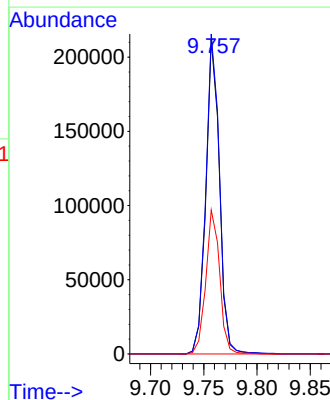
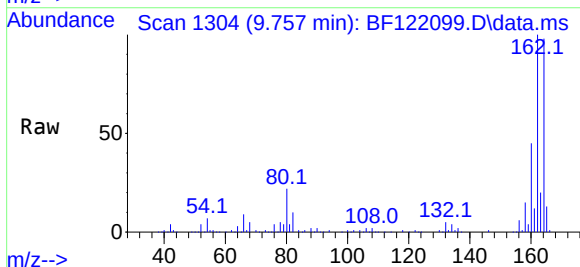
Delta R.T. -0.006 min

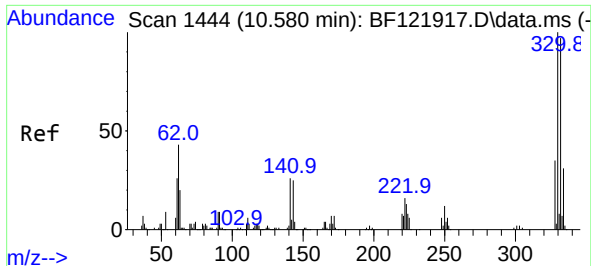
Lab File: BF122099.D

Acq: 23 Oct 2020 15:16

Tgt Ion: 164 Resp: 188399

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.2	124.8
160	45.9	37.5	56.3

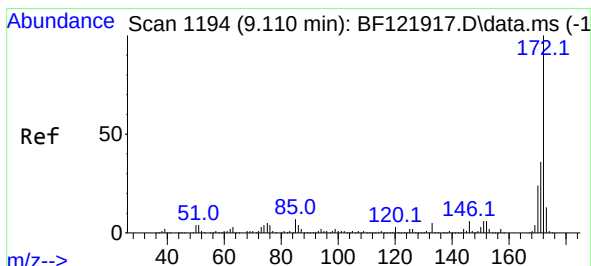
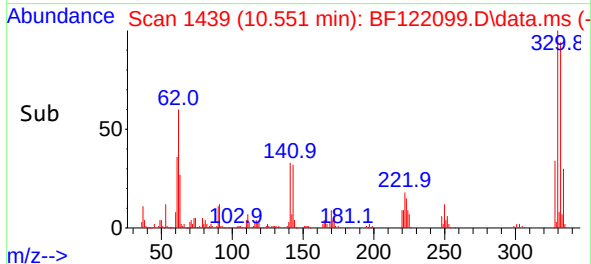
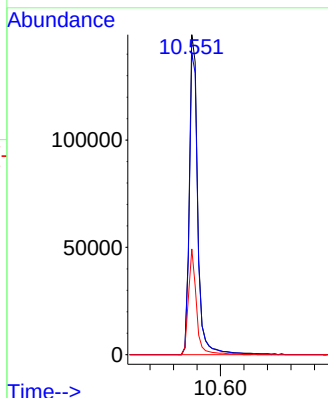
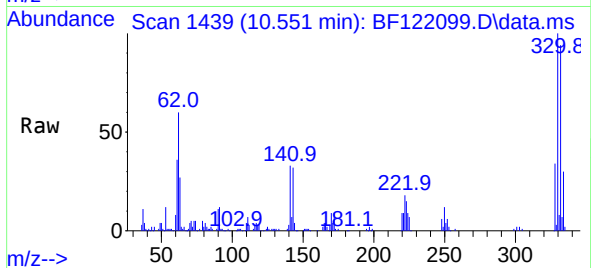




#42
2,4,6-Tribromophenol
Concen: 63.86 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

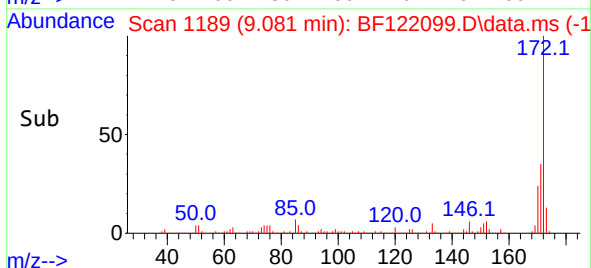
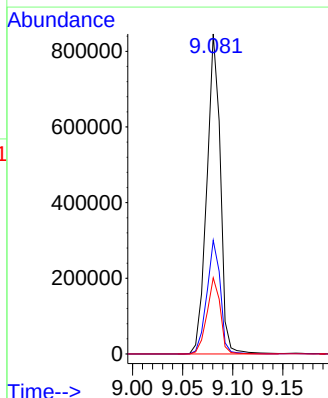
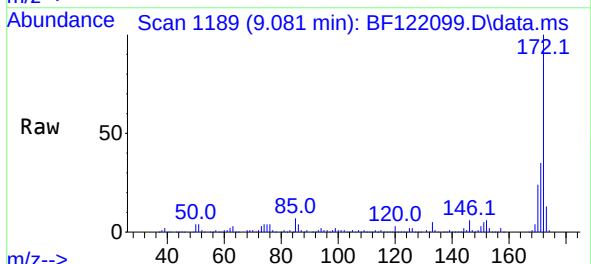
Instrument :
BNA_F
ClientSampleId :
MS-SOIL

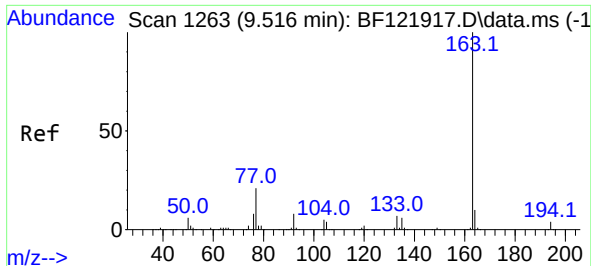
Tgt Ion:330 Resp: 148827
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.29 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion:172 Resp: 797617
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.8 19.8 29.6

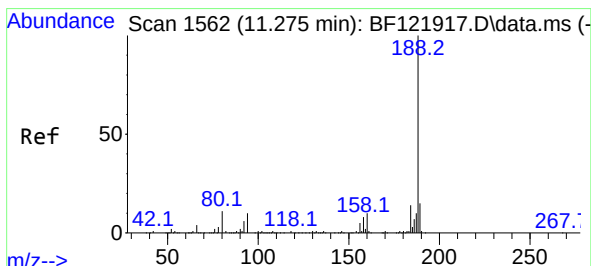
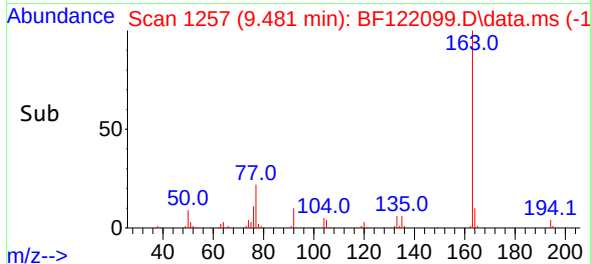
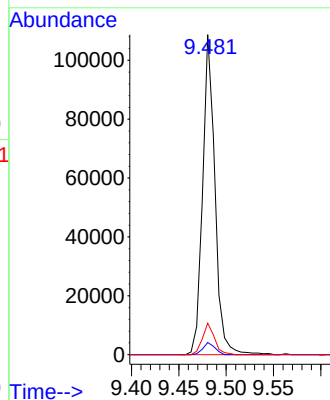
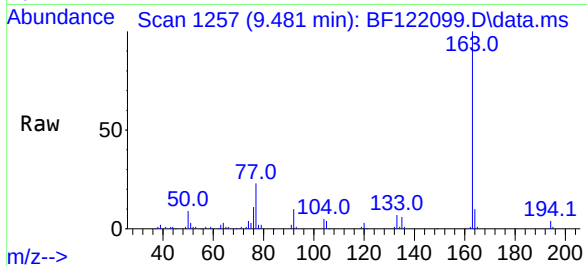




#50
Dimethylphthalate
Concen: 7.14 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

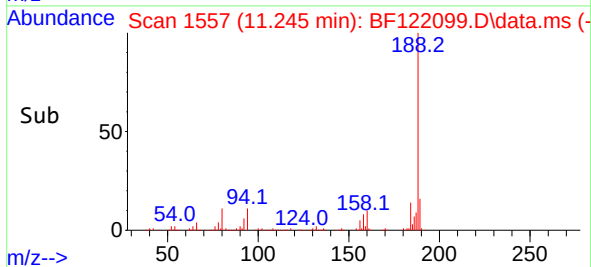
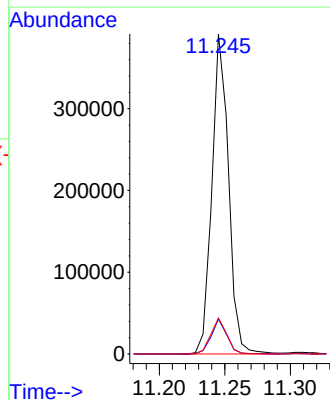
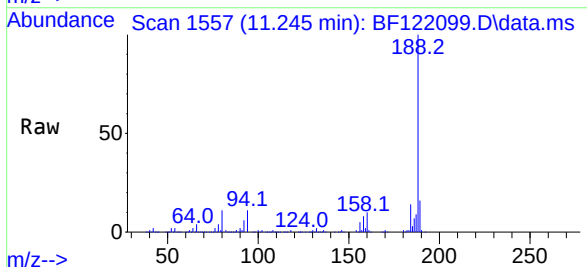
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ClientSampleId :
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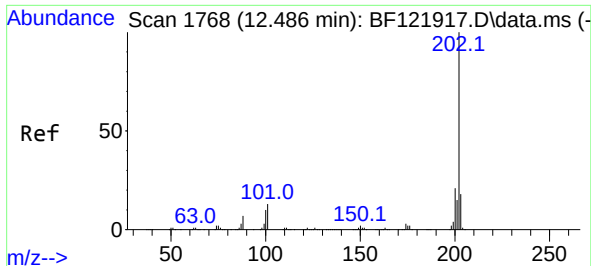
Tgt Ion:163	Resp:	98341
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.3 4.9
164	9.9	8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion:188	Resp:	344853
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.3 12.5
80	11.2	9.1 13.7

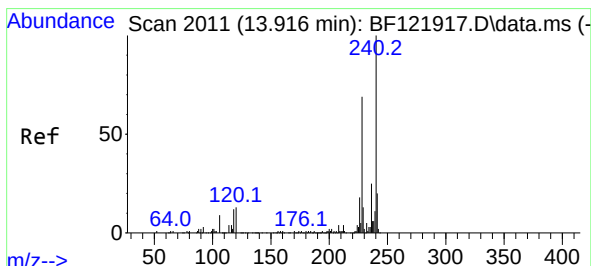
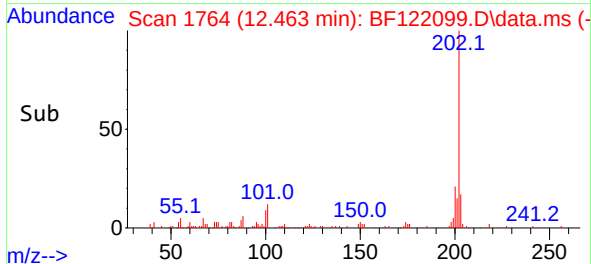
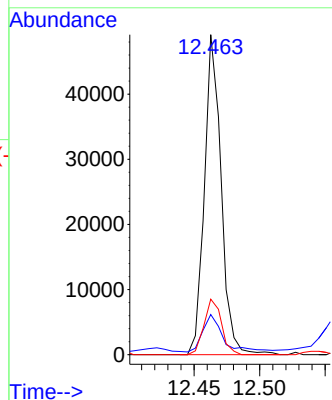
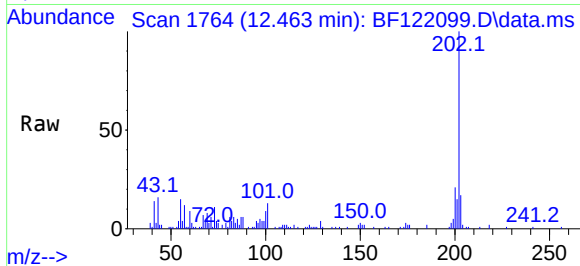




#75
Fluoranthene
Concen: 2.16 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

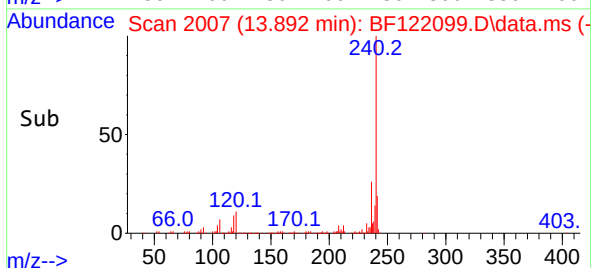
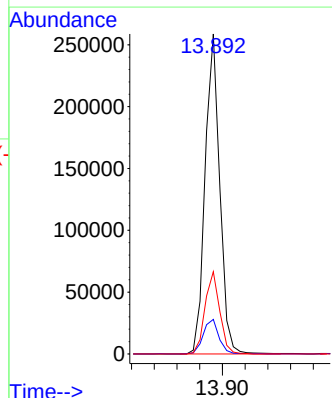
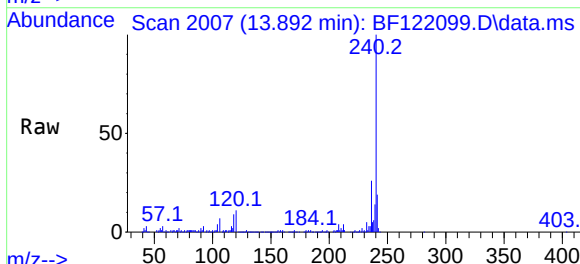
Instrument :
BNA_F
ClientSampleId :
MS-SOIL

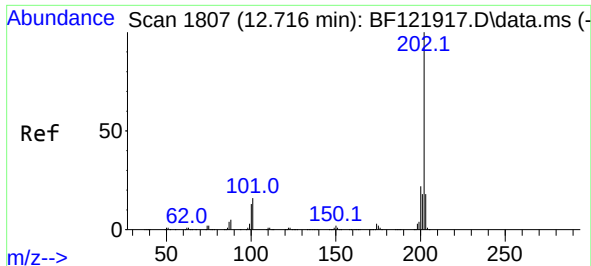
Tgt Ion:202	Resp:	43791
Ion Ratio	Lower	Upper
202	100	
101	12.5	0.0 33.4
203	17.3	0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion:240	Resp:	231376
Ion Ratio	Lower	Upper
240	100	
120	10.8	9.2 13.8
236	25.7	20.9 31.3

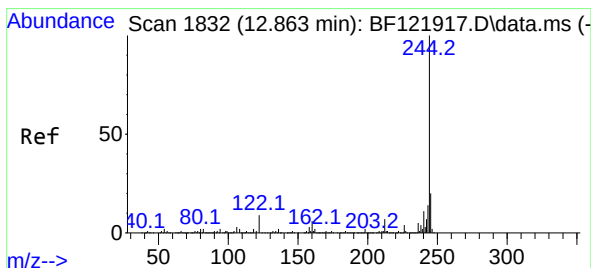
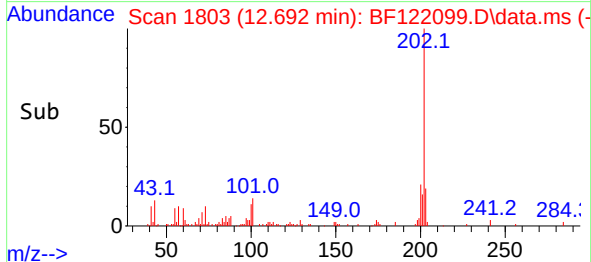
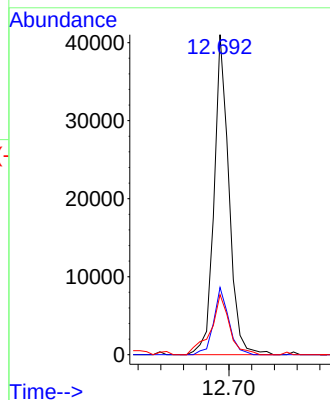
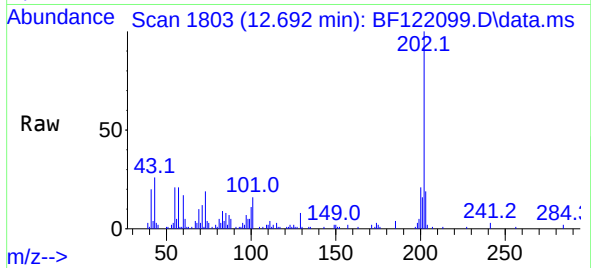




#78
Pyrene
Concen: 2.11 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

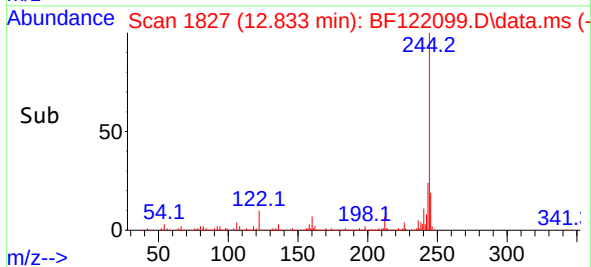
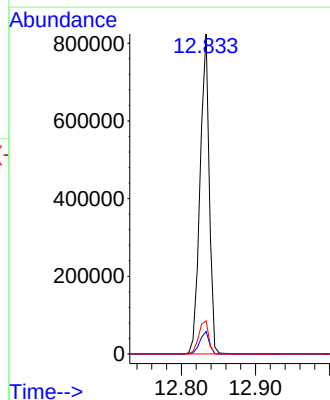
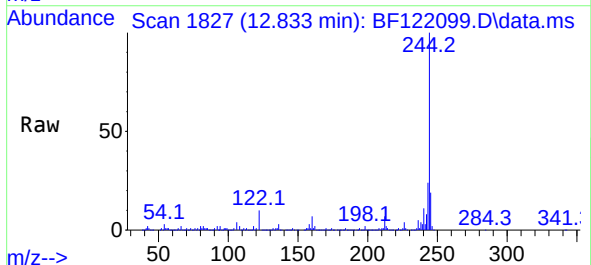
Instrument :
BNA_F
ClientSampleId :
MS-SOIL

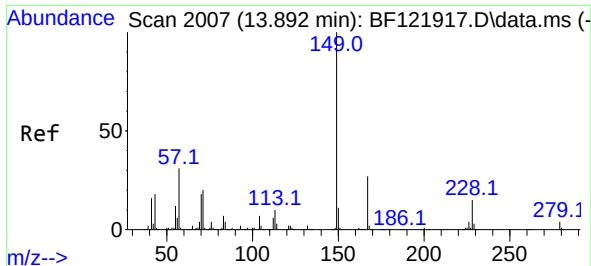
Tgt Ion:	202	Resp:	37196
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	18.8	14.6	21.8



#79
Terphenyl-d14
Concen: 58.22 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion:	244	Resp:	706846
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.2
122	10.4	8.1	12.1

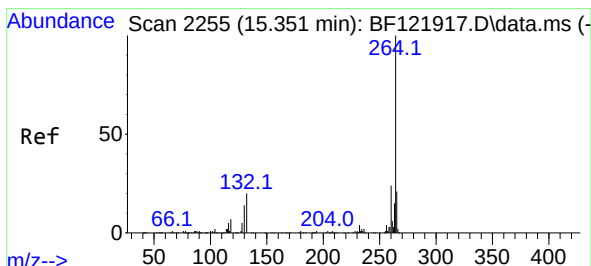
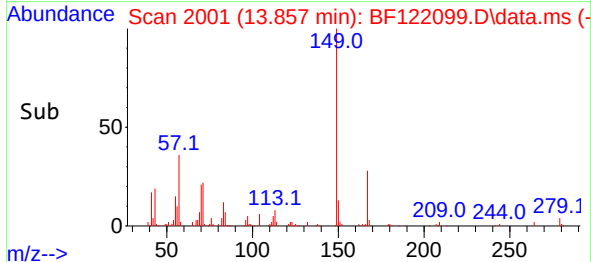
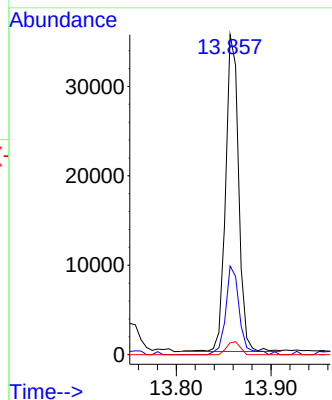
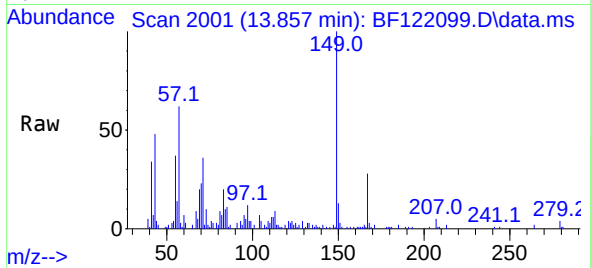




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.58 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Instrument :
BNA_F
ClientSampleId :
MS-SOIL

Tgt Ion:149 Resp: 33978
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 3.7 3.2 4.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122099.D
Acq: 23 Oct 2020 15:16

Tgt Ion:264 Resp: 203350
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.0 17.3 25.9

