

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122043.D
 Acq On : 20 Oct 2020 22:15
 Operator : JU/CG
 Sample : L4456-03 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Quant Time: Oct 21 00:38:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	116112	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	452647	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	221785	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	362676	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	281290	20.00	ng	-0.02
86) Perylene-d12	15.327	264	284953	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	21509	2.73	ng	0.00
7) Phenol-d6	6.398	99	17489	1.73	ng	0.00
23) Nitrobenzene-d5	7.298	82	77409	8.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.563	330	15536	5.66	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	162141	10.76	ng	-0.02
79) Terphenyl-d14	12.833	244	150547	10.20	ng	-0.02

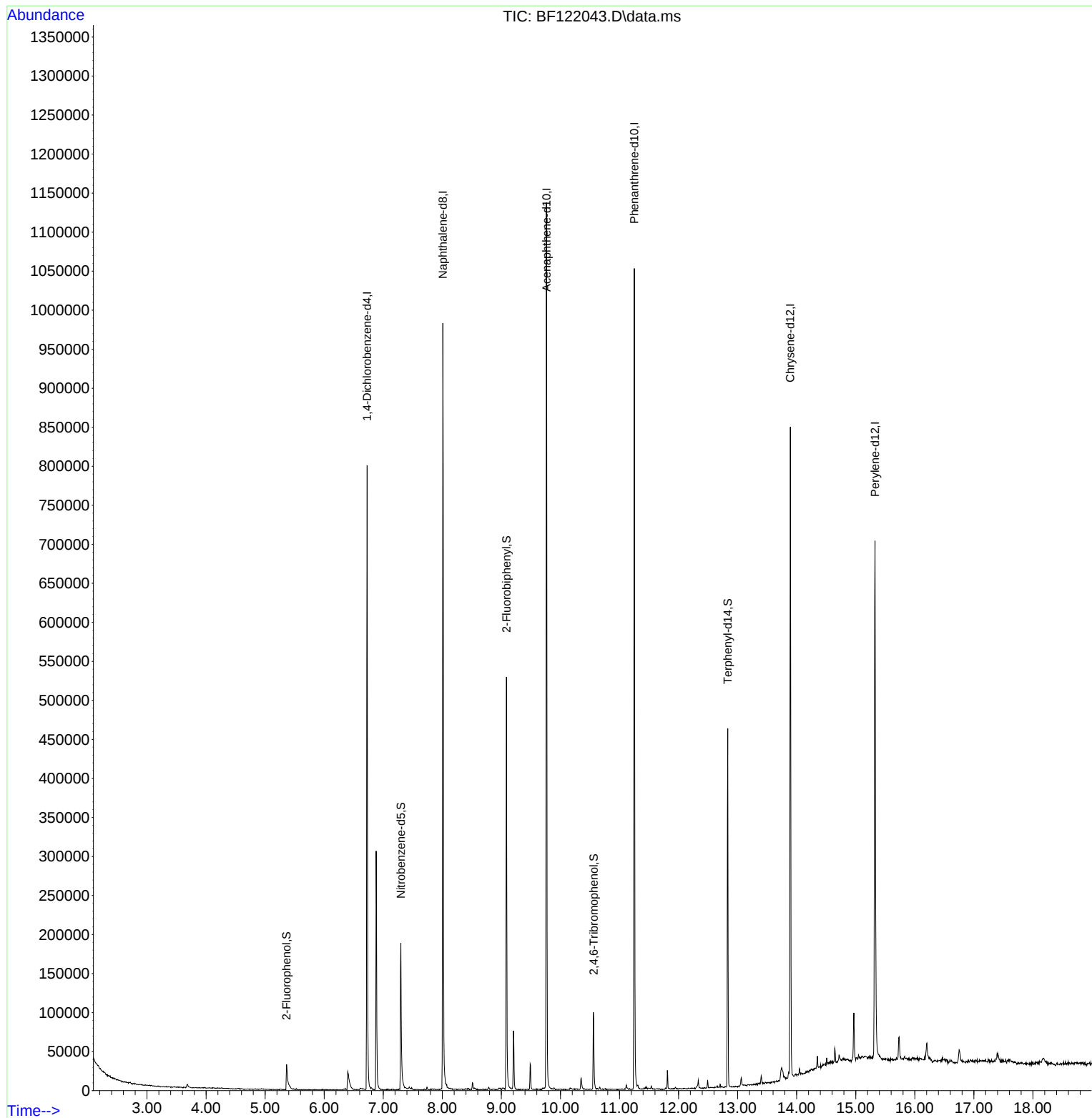
Target Compounds	Qvalue

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

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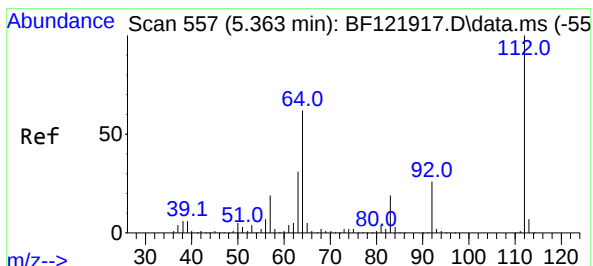
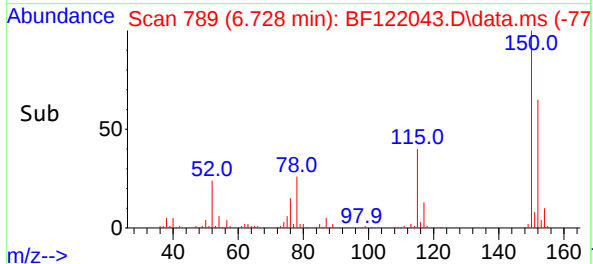
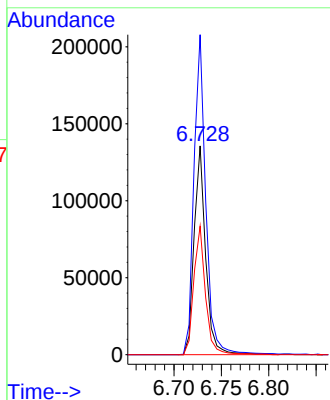
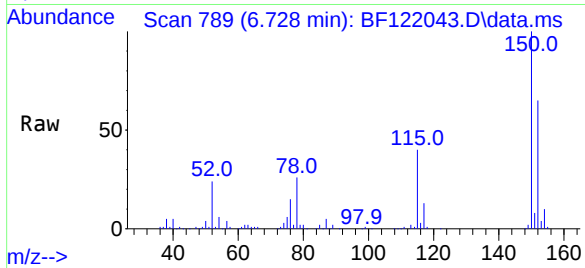




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

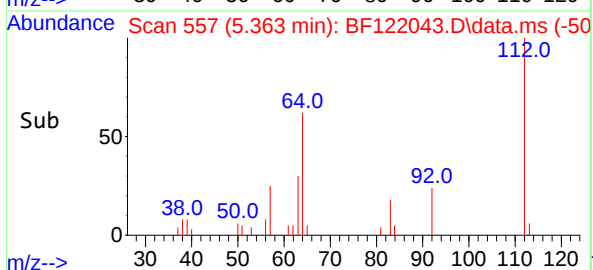
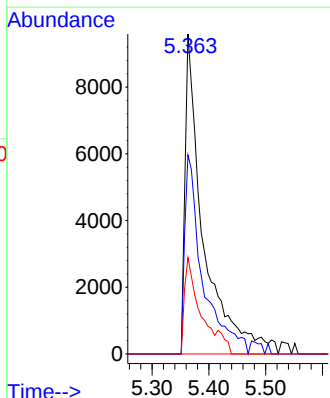
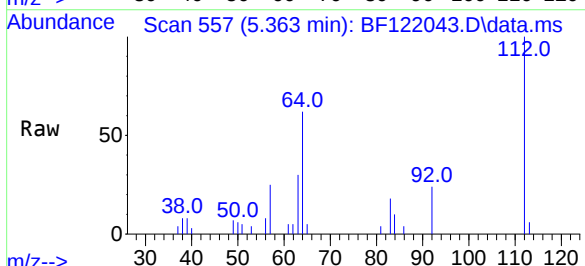
Instrument :
BNA_F
ClientSampleId :
HP-640

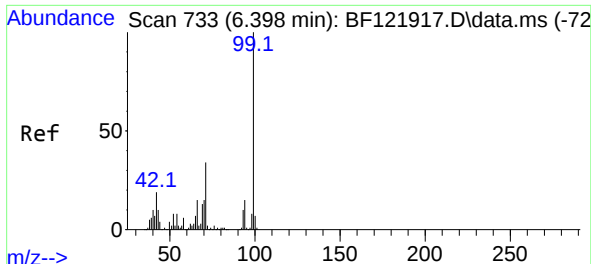
Tgt Ion:152 Resp: 116112
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 61.5 51.9 77.9



#5
2-Fluorophenol
Concen: 2.73 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion:112 Resp: 21509
Ion Ratio Lower Upper
112 100
64 62.1 50.4 75.6
63 30.1 25.8 38.6



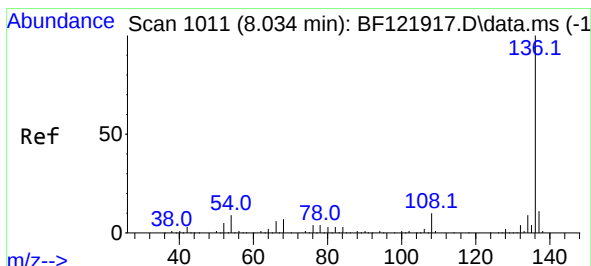
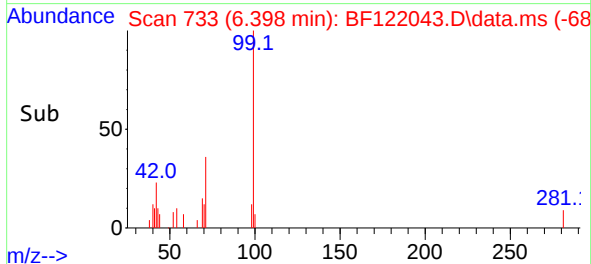
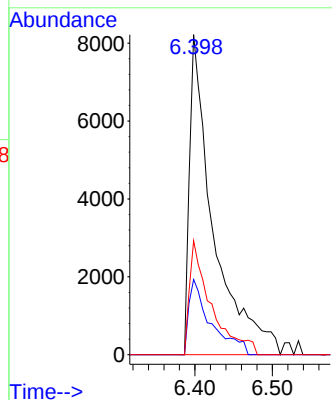
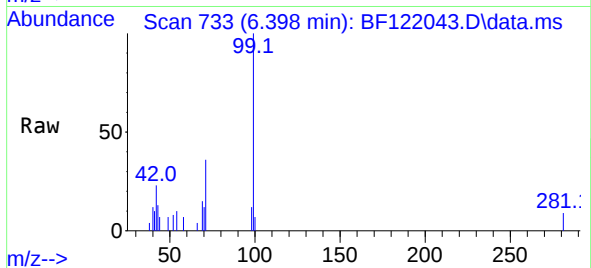


#7
Phenol-d6
Concen: 1.73 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Instrument :
BNA_F
ClientSampleId :
HP-640

Tgt Ion: 99 Resp: 17489

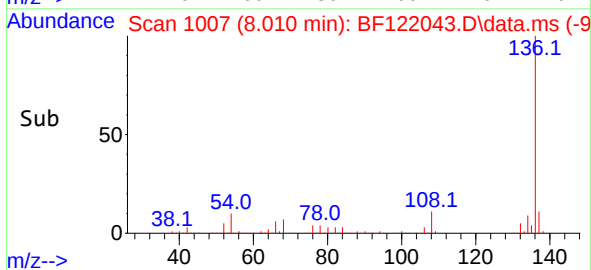
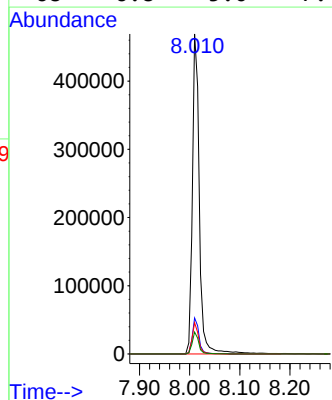
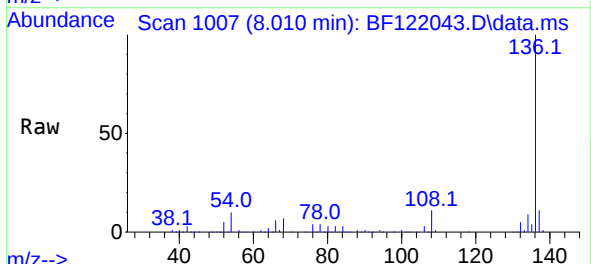
Ion	Ratio	Lower	Upper
99	100		
42	23.5	15.9	23.9
71	35.6	27.1	40.7

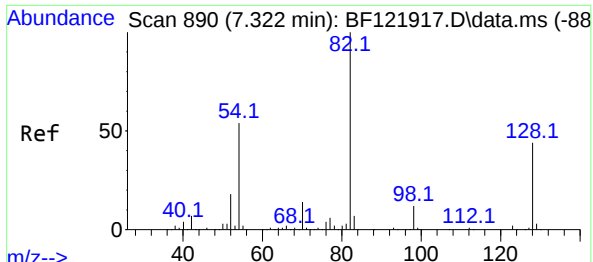


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 136 Resp: 452647

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.8	7.1	10.7
68	6.8	5.0	7.4

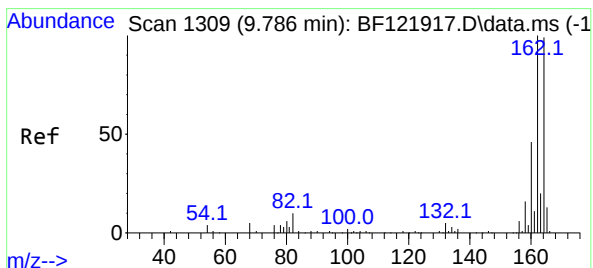
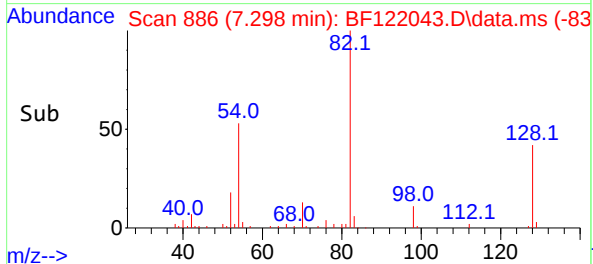
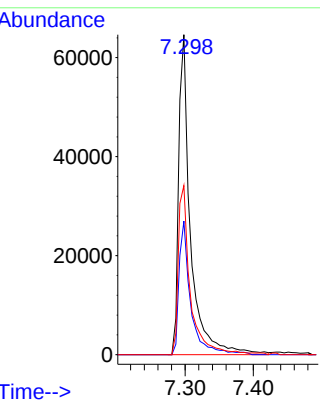
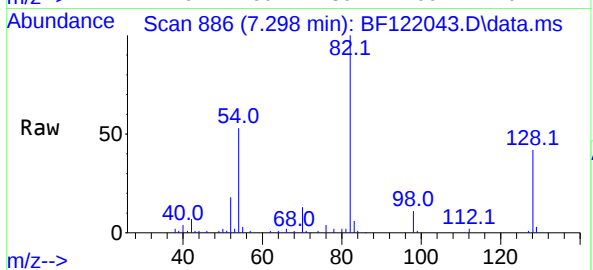




#23
Nitrobenzene-d5
Concen: 8.77 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 82 Resp: 77409

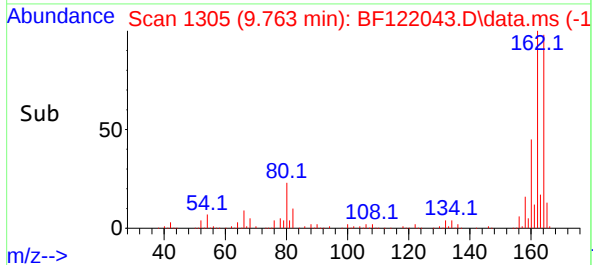
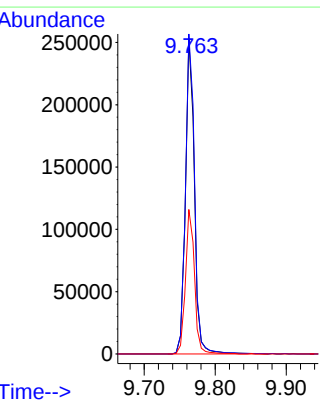
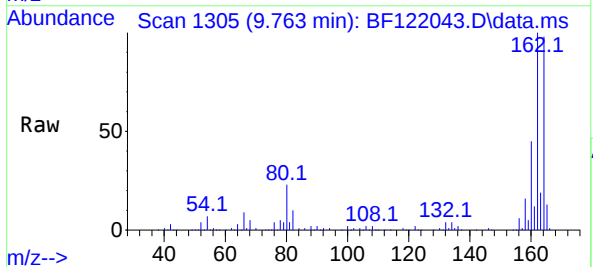
Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.4
54	52.9	43.9	65.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion: 164 Resp: 221785

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	45.9	37.5	56.3

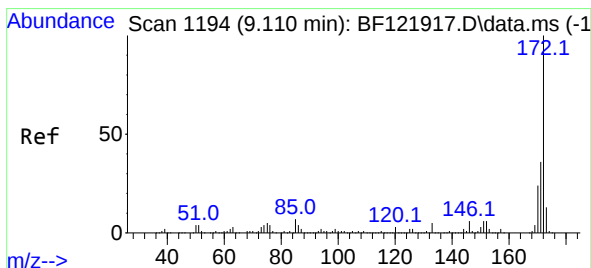
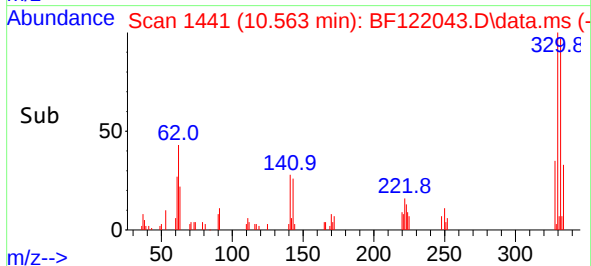
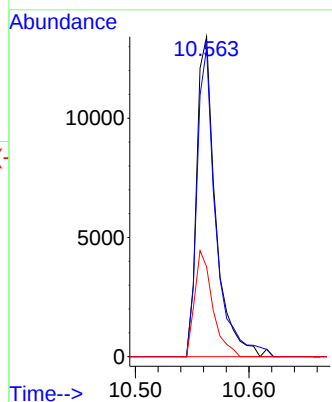
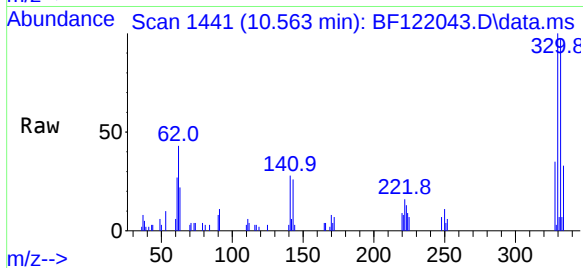




#42
2,4,6-Tribromophenol
Concen: 5.66 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

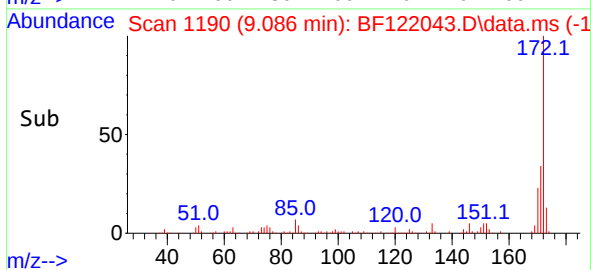
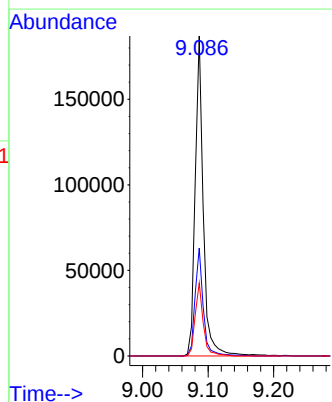
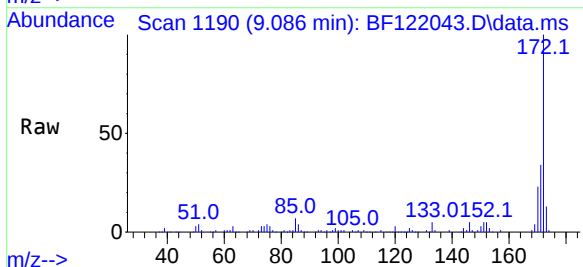
Instrument :
BNA_F
ClientSampled :
HP-640

Tgt Ion:330 Resp: 15536
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 31.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 10.76 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

Tgt Ion:172 Resp: 162141
Ion Ratio Lower Upper
172 100
171 33.7 29.1 43.7
170 22.8 19.8 29.6

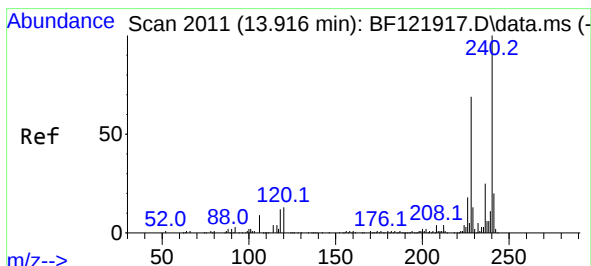
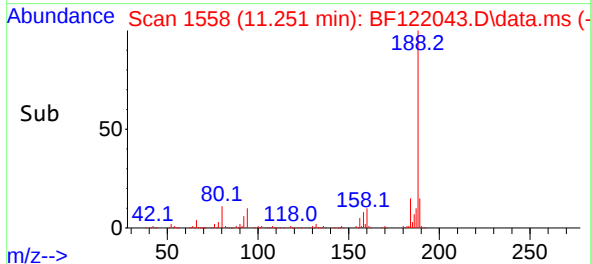
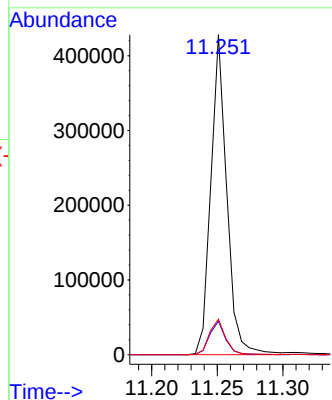
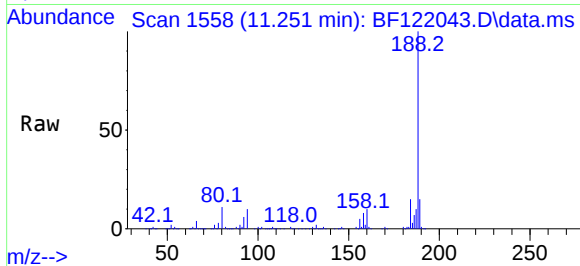




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

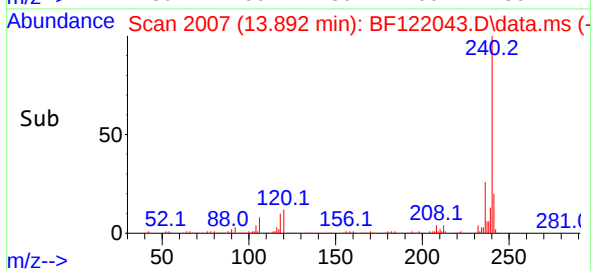
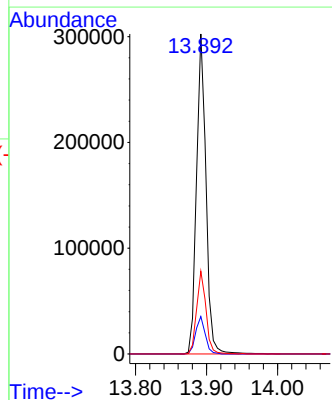
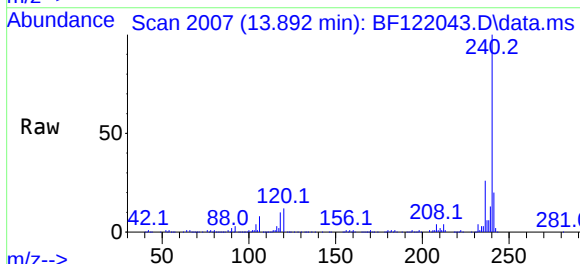
Instrument :
BNA_F
ClientSampled :
HP-640

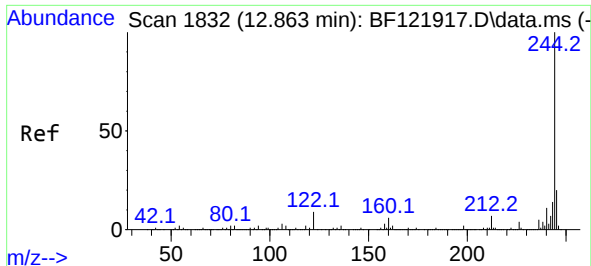
Tgt Ion:188	Resp:	362676	
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.1	9.1	13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

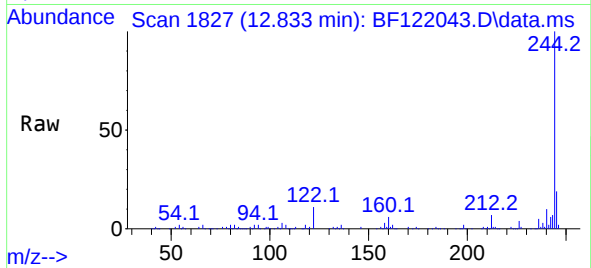
Tgt Ion:240	Resp:	281290	
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	25.8	20.9	31.3



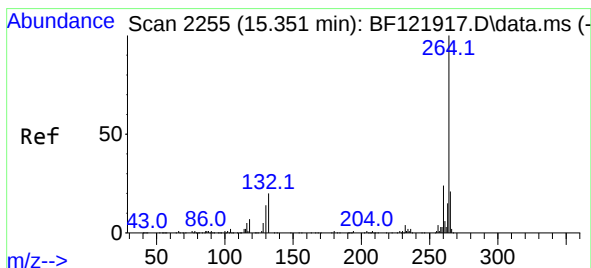
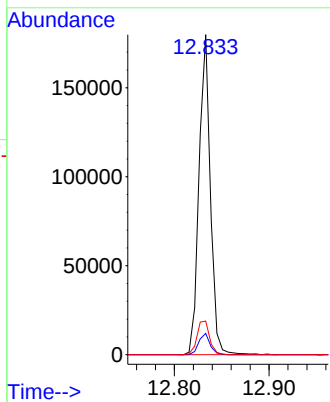
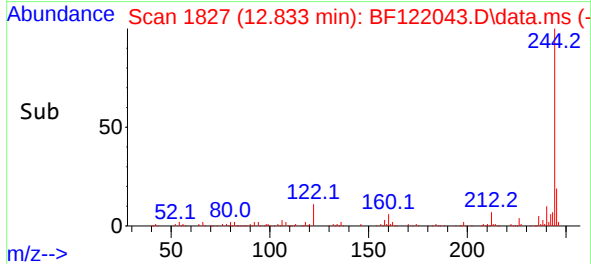


#79
Terphenyl-d14
Concen: 10.20 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15

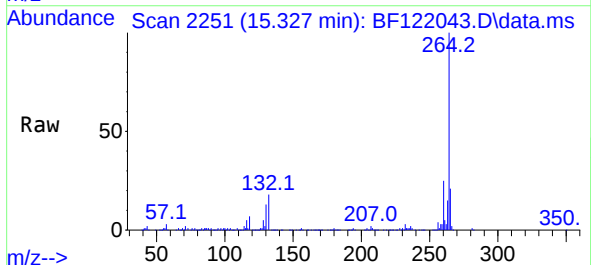
Instrument :
BNA_F
ClientSampled :
HP-640



Tgt Ion:244 Resp: 150547
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.5 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122043.D
Acq: 20 Oct 2020 22:15



Tgt Ion:264 Resp: 284953
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 21.1 17.3 25.9

