

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124295.D
 Acq On : 12 Jun 2021 19:55
 Operator : JU/CG
 Sample : M2677-03 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-CON

Quant Time: Jun 14 04:28:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

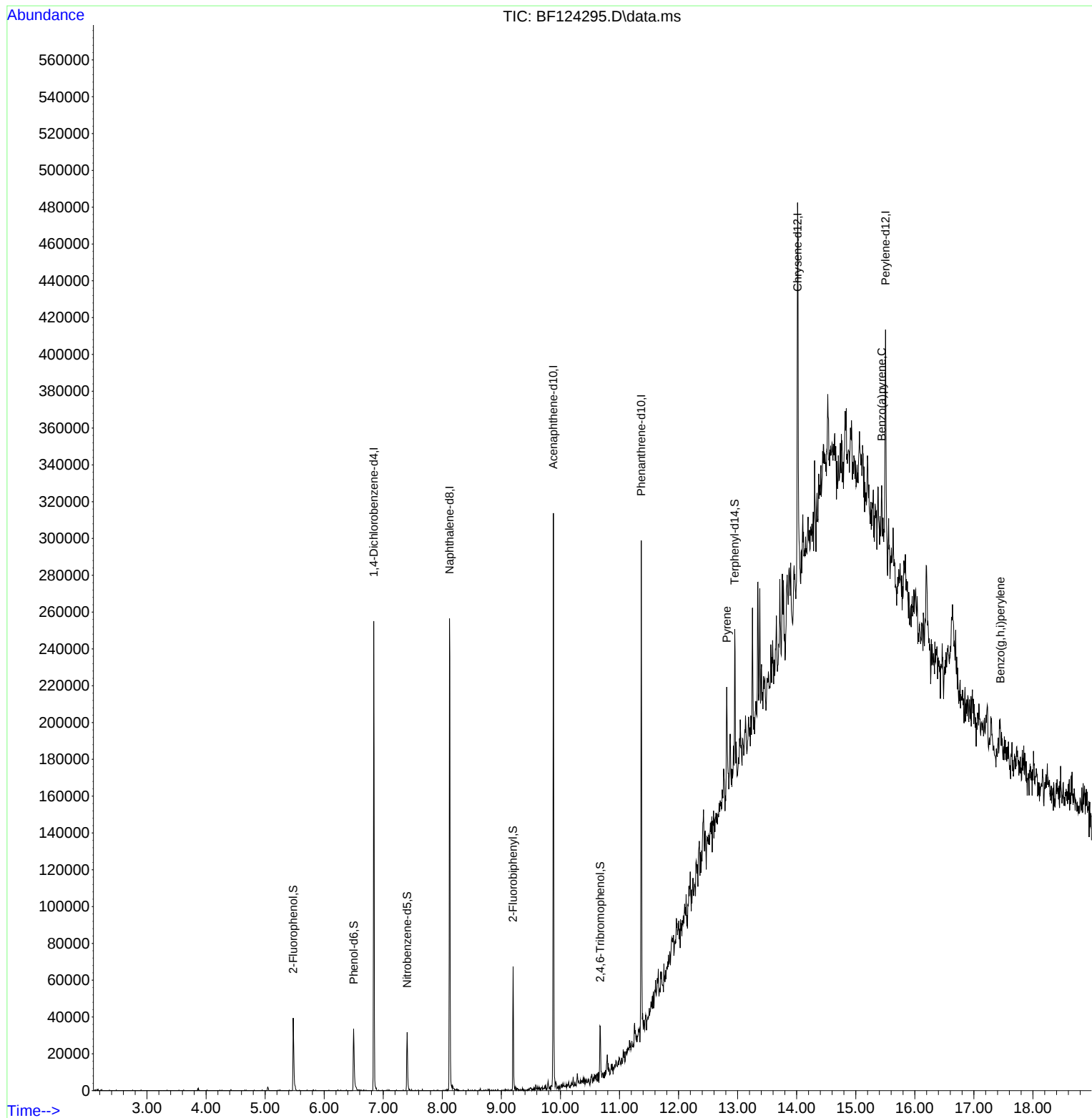
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	31890	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	106376	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	55508	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	80032	20.000	ng	0.00
76) Chrysene-d12	14.016	240	67195	20.000	ng	0.00
86) Perylene-d12	15.504	264	42035	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	9630	4.546	ng	0.00
7) Phenol-d6	6.498	99	12776	4.487	ng	0.00
23) Nitrobenzene-d5	7.404	82	11243	4.192	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	3206	4.077	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	20338	4.611	ng	-0.01
79) Terphenyl-d14	12.951	244	20145	4.116	ng	-0.01
Target Compounds						Qvalue
78) Pyrene	12.816	202	21888	3.392	ng	95
90) Benzo(a)pyrene	15.439	252	8024	2.829	ng	# 58
92) Benzo(g,h,i)perylene	17.451	276	10975	7.236	ng	# 82

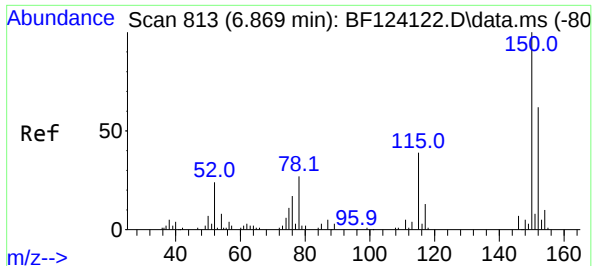
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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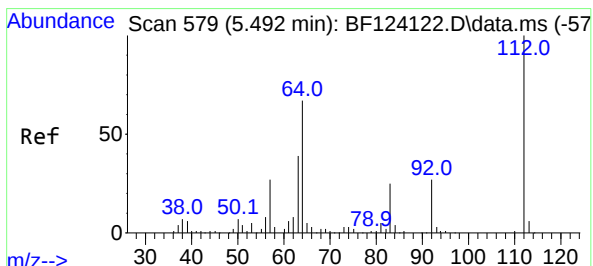
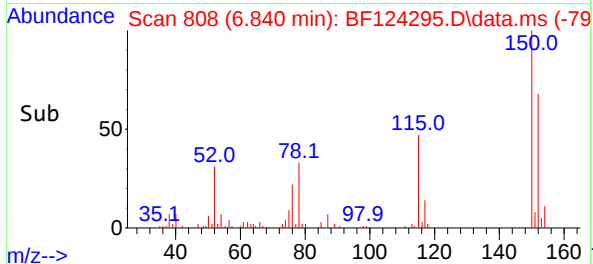
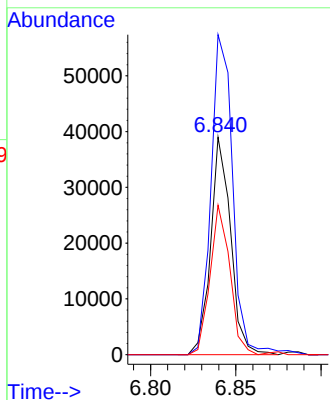
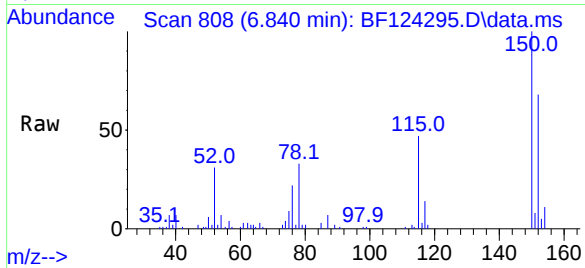




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

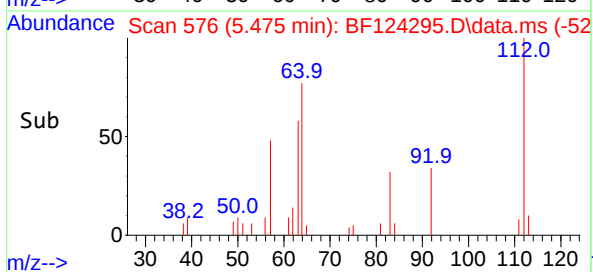
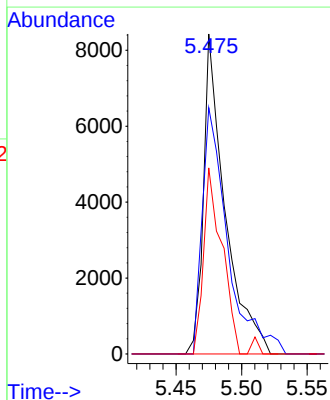
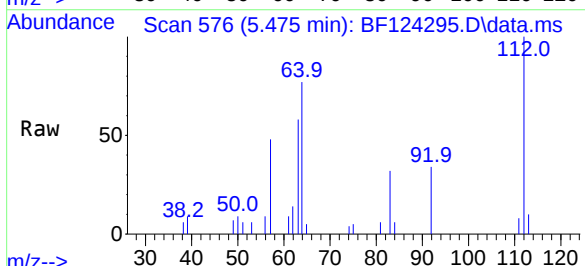
Instrument :
BNA_F
ClientSampleId :
T2-CON

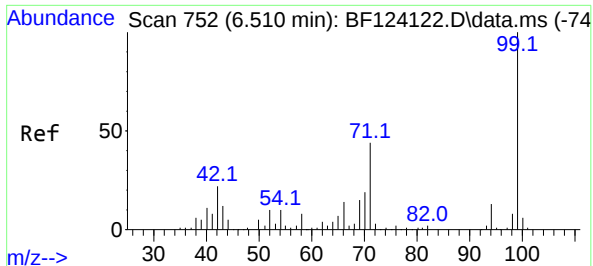
Tgt Ion:152 Resp: 31890
Ion Ratio Lower Upper
152 100
150 147.2 127.0 190.6
115 68.7 54.3 81.5



#5
2-Fluorophenol
Concen: 4.546 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion:112 Resp: 9630
Ion Ratio Lower Upper
112 100
64 76.9 61.4 92.0
63 58.1 33.0 49.4#



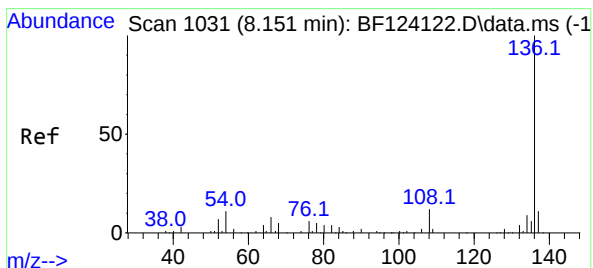
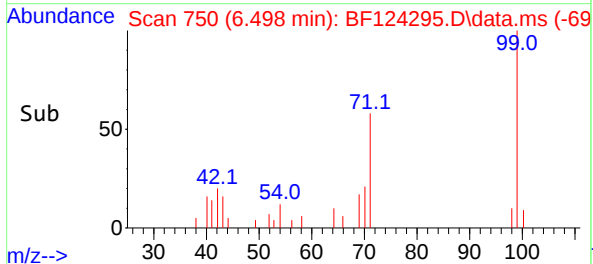
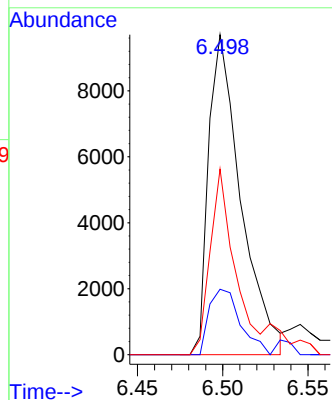
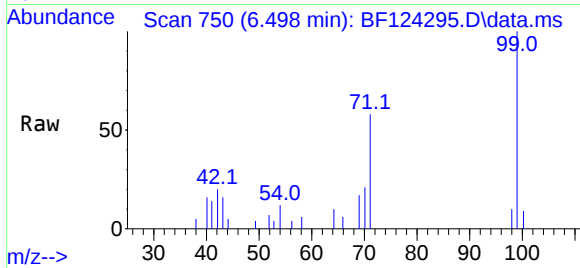


#7
Phenol-d6
Concen: 4.487 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Instrument :
BNA_F
ClientSampleId :
T2-CON

Tgt Ion: 99 Resp: 12776

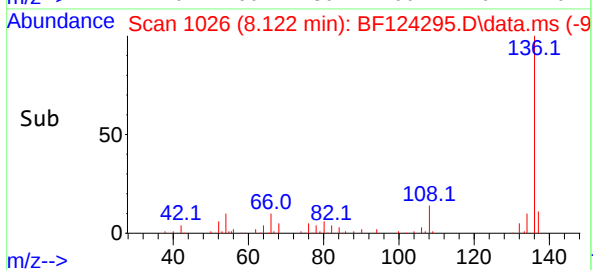
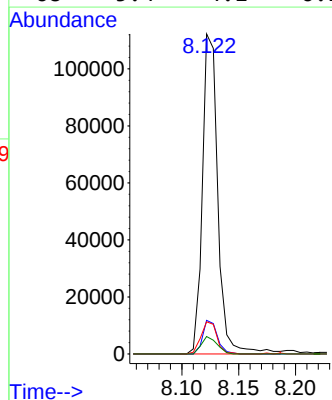
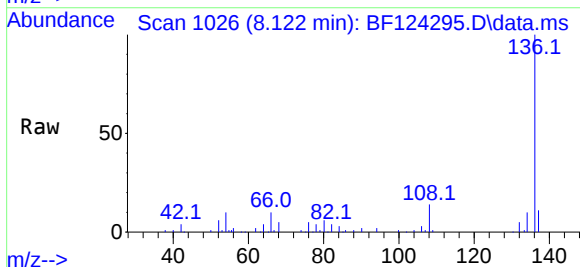
Ion	Ratio	Lower	Upper
99	100		
42	20.4	19.8	29.8
71	58.0	31.1	46.7#

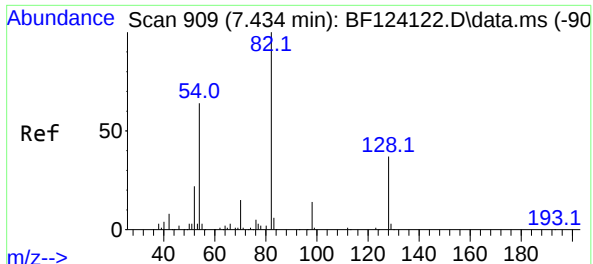


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion: 136 Resp: 106376

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.1	9.8	14.6
68	5.4	4.1	6.1



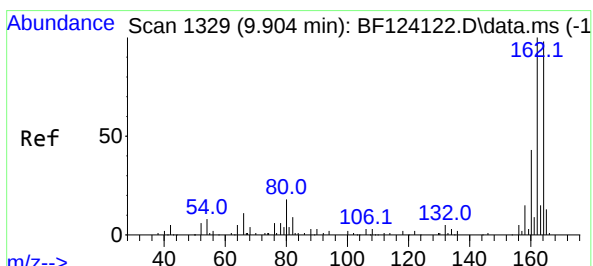
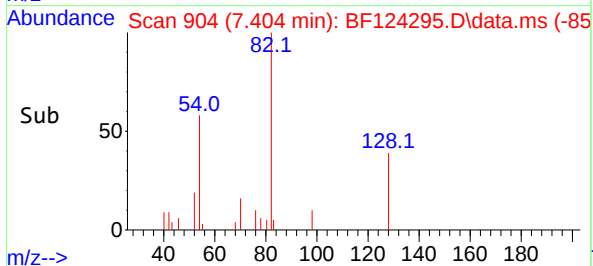
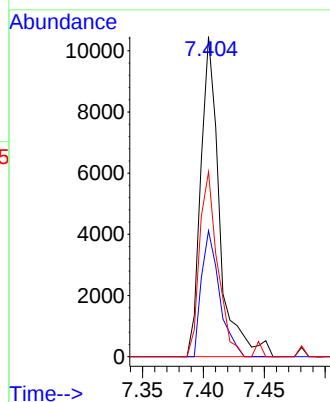
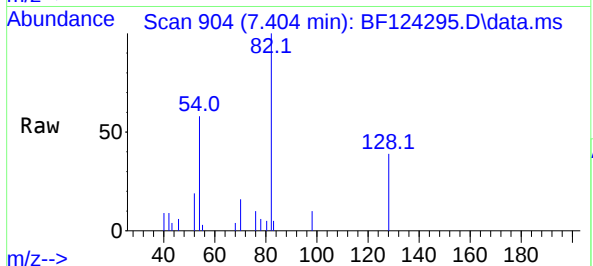


#23
Nitrobenzene-d5
Concen: 4.192 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Instrument :
BNA_F
ClientSampleId :
T2-CON

Tgt Ion: 82 Resp: 11243

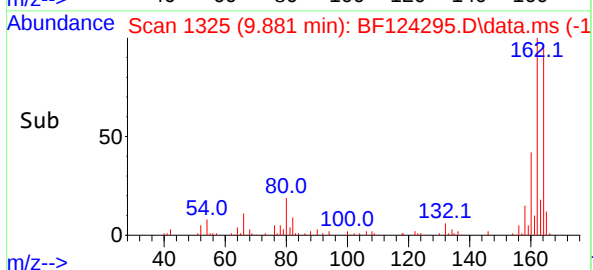
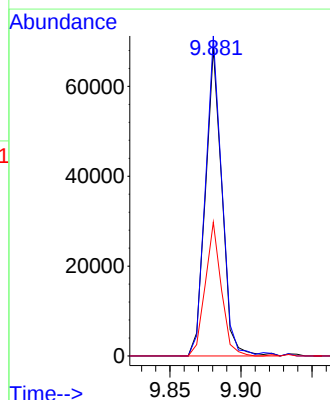
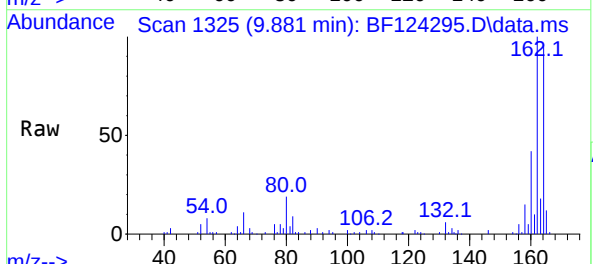
Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.4	44.2
54	57.8	54.1	81.1

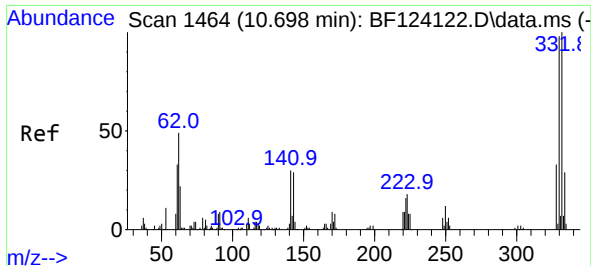


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion: 164 Resp: 55508

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.7	121.1
160	43.4	37.3	55.9

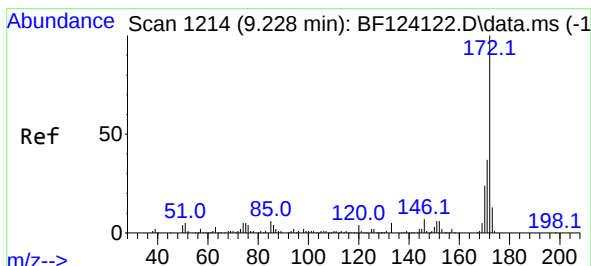
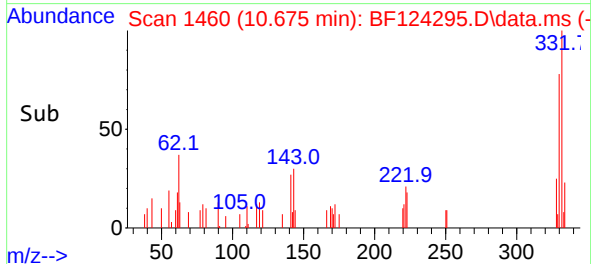
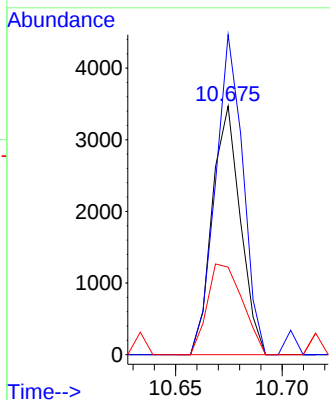
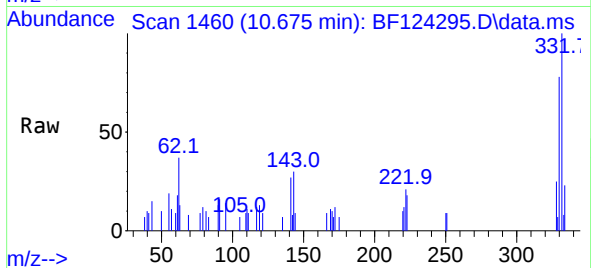




#42
2,4,6-Tribromophenol
Concen: 4.077 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

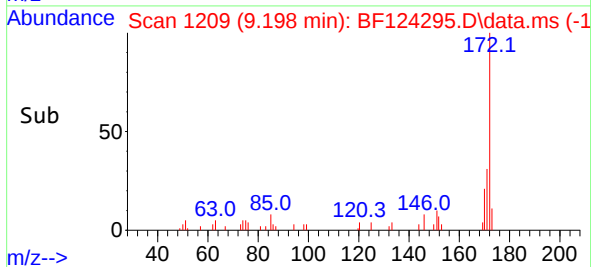
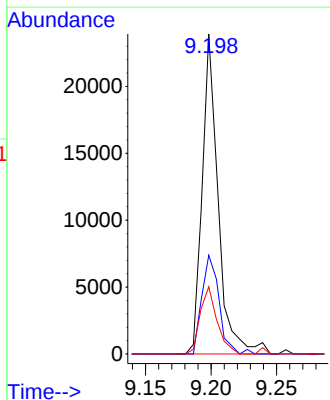
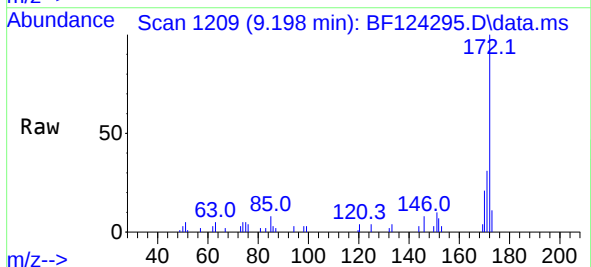
Instrument :
BNA_F
ClientSampleId :
T2-CON

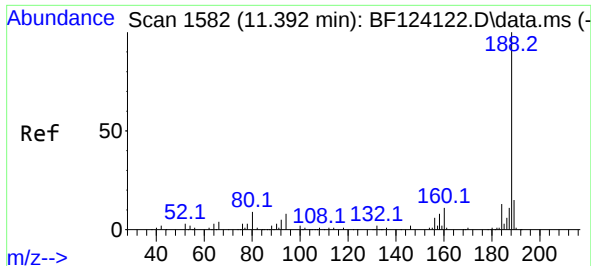
Tgt Ion: 330 Resp: 3206
Ion Ratio Lower Upper
330 100
332 124.9 77.1 115.7#
141 45.4 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 4.611 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion: 172 Resp: 20338
Ion Ratio Lower Upper
172 100
171 30.8 28.1 42.1
170 21.0 19.2 28.8

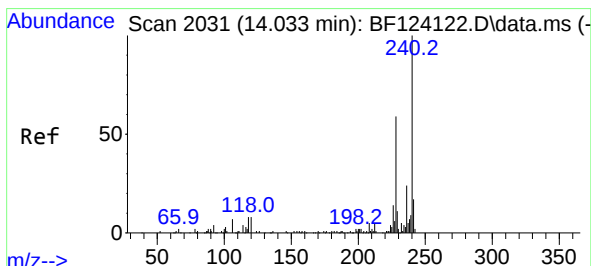
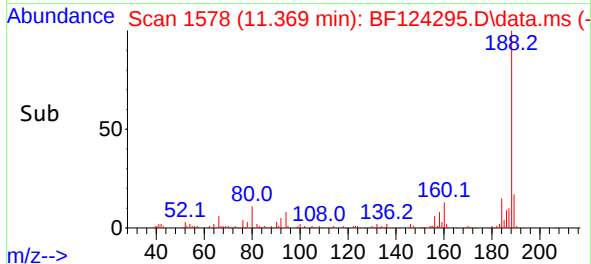
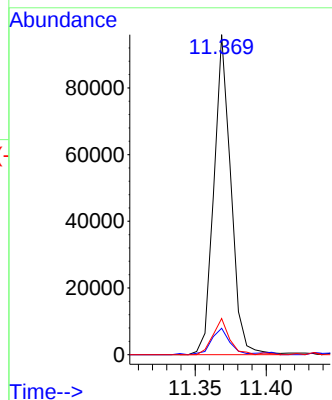
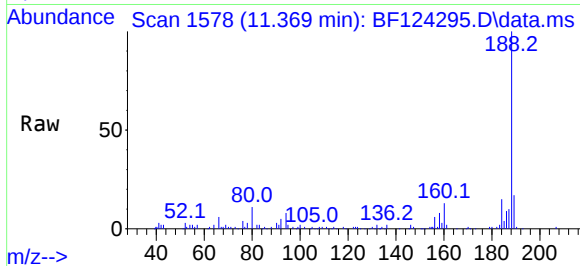




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

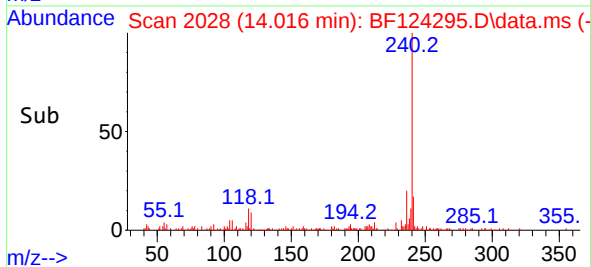
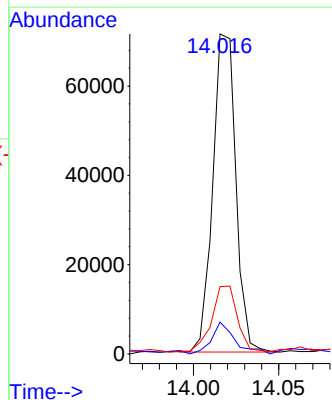
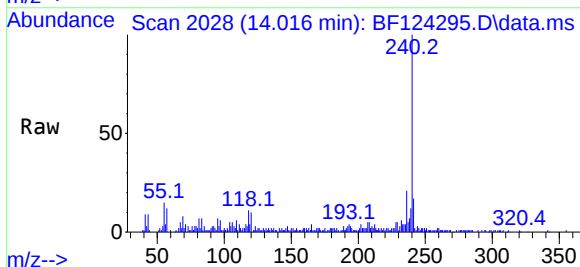
Instrument :
BNA_F
ClientSampleId :
T2-CON

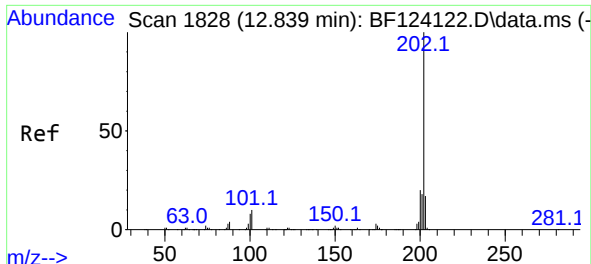
Tgt Ion:188	Resp:	80032
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.9 10.3
80	11.3	8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion:240	Resp:	67195
Ion Ratio	Lower	Upper
240	100	
120	9.9	7.2 10.8
236	21.0	19.0 28.4

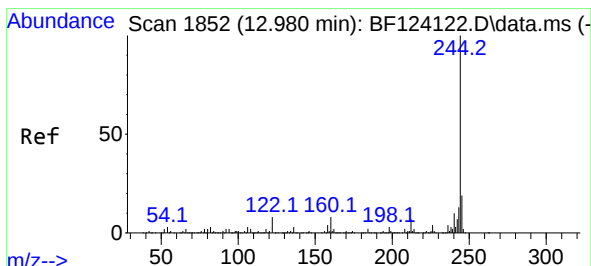
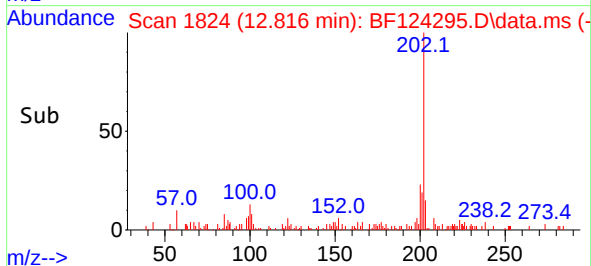
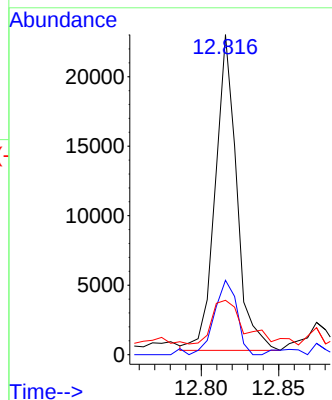
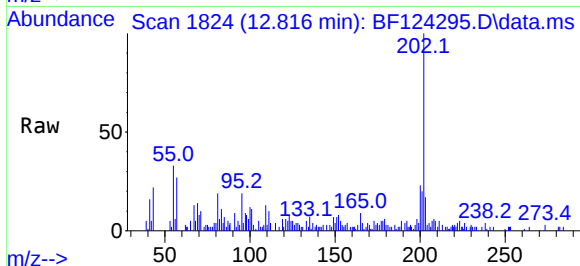




#78
Pyrene
Concen: 3.392 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

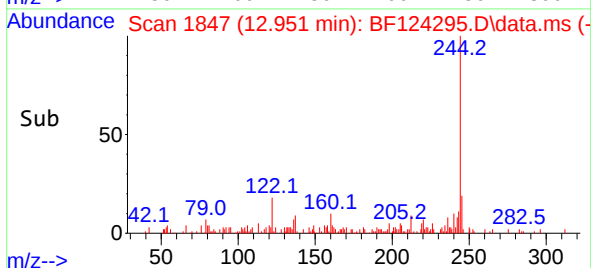
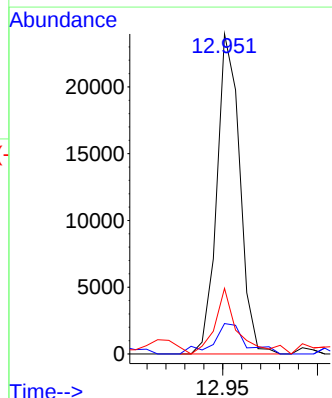
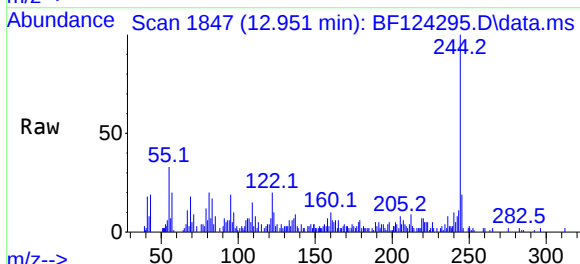
Instrument :
BNA_F
ClientSampleId :
T2-CON

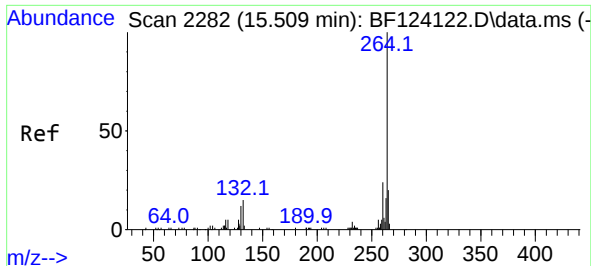
Tgt Ion:	202	Resp:	21888
Ion Ratio	Lower	Upper	
202	100		
200	23.2	16.1	24.1
203	17.0	14.8	22.2



#79
Terphenyl-d14
Concen: 4.116 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion:	244	Resp:	20145
Ion Ratio	Lower	Upper	
244	100		
212	9.5	5.7	8.5#
122	20.5	9.7	14.5#

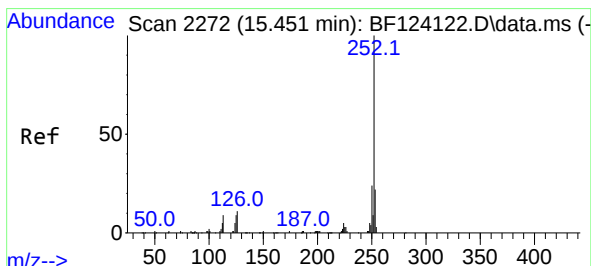
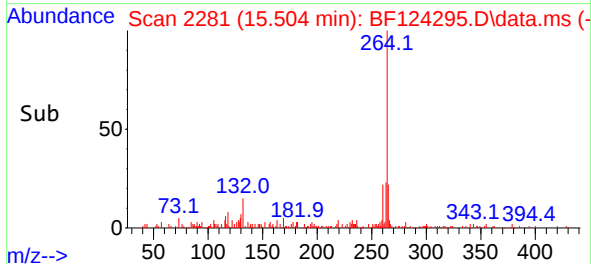
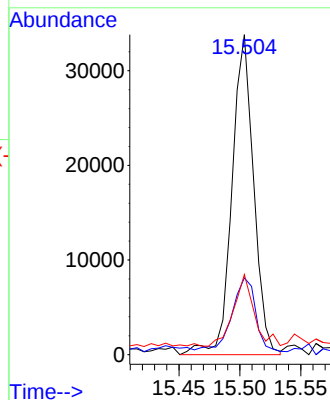
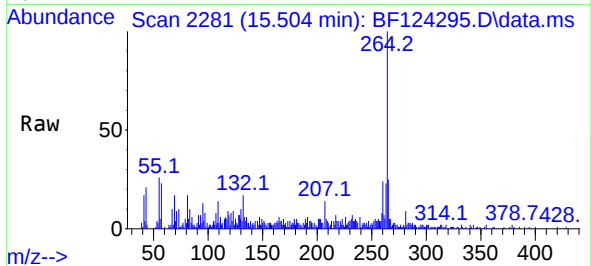




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

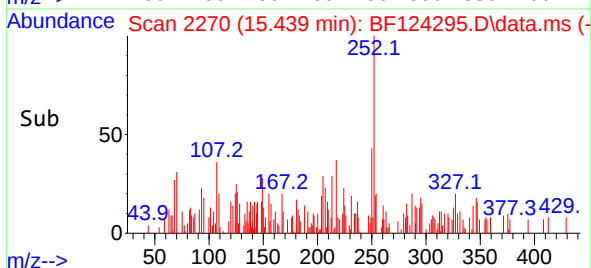
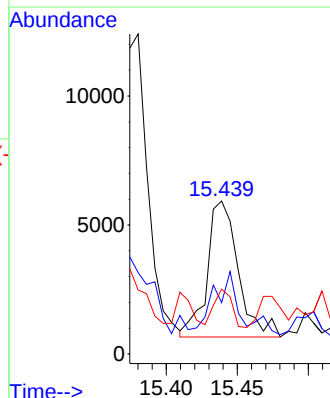
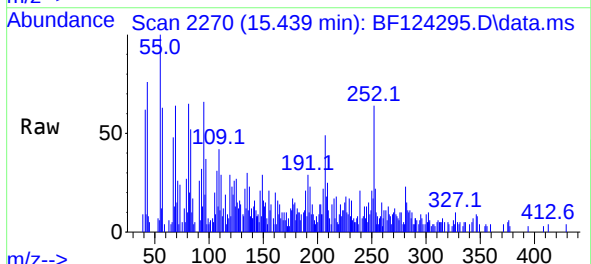
Instrument :
BNA_F
ClientSampled :
T2-CON

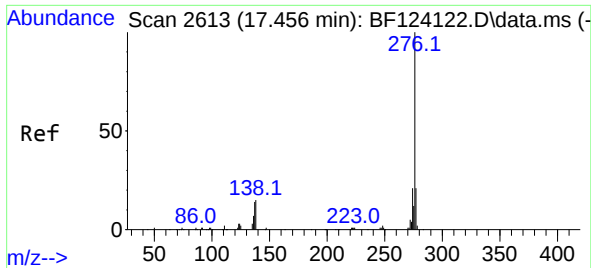
Tgt Ion:	264	Resp:	42035
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	25.1	17.8	26.8



#90
Benzo(a)pyrene
Concen: 2.829 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion:	252	Resp:	8024
Ion Ratio	Lower	Upper	
252	100		
253	33.6	18.4	27.6#
125	42.4	8.0	12.0#





#92
Benzo(g,h,i)perylene
Concen: 7.236 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.018 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Instrument :
BNA_F
ClientSampleId :
T2-CON

Tgt Ion:	276	Resp:	10975
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.2	27.2
138	32.4	13.8	20.6#

