

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)

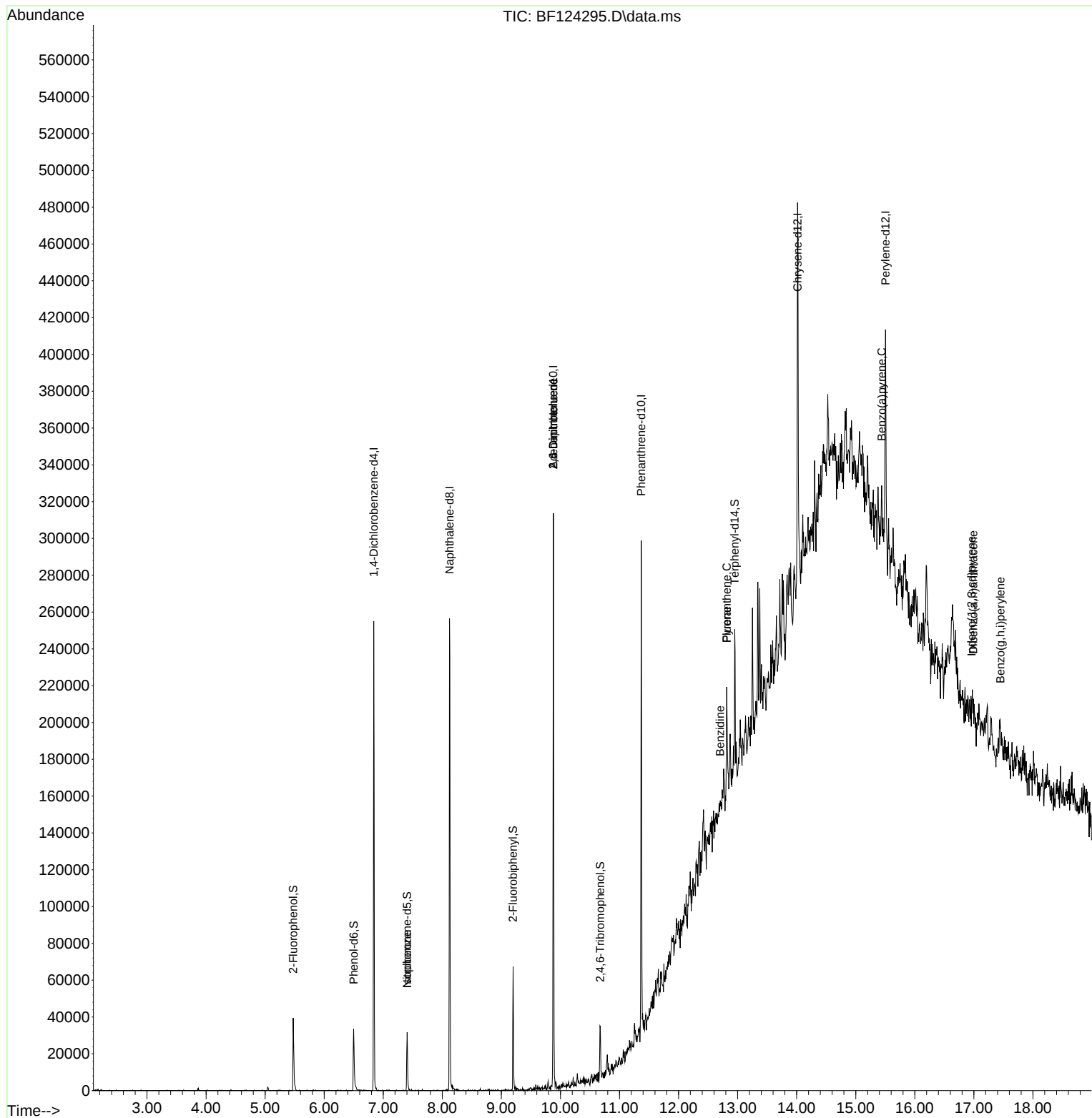
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	31890	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	106376	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	55508	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	80032	20.000	ng	0.00
76) Chrysene-d12	14.016	240	67195	20.000	ng	0.00
86) Perylene-d12	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
25) Isophorone	7.404	82	11243	2.326	ng	# 69
51) 2,6-Dinitrotoluene	9.881	165	7093	6.736	ng	# 12
57) 2,4-Dinitrotoluene	9.881	165	7093	5.108	ng	# 17
75) Fluoranthene	12.816	202	21888	4.171	ng	99
77) Benzidine	12.704	184	408	4.299	ng	# 1
78) Pyrene	12.816	202	21888	3.392	ng	95
87) Indeno(1,2,3-cd)pyrene	16.962	276	2409	4.962	ng	94
90) Benzo(a)pyrene	15.439	252	8024	2.829	ng	# 58
91) Dibenzo(a,h)anthracene	16.992	278	1920	4.762	ng	# 1
92) Benzo(g,h,i)perylene	17.451	276	10975	7.236	ng	# 82

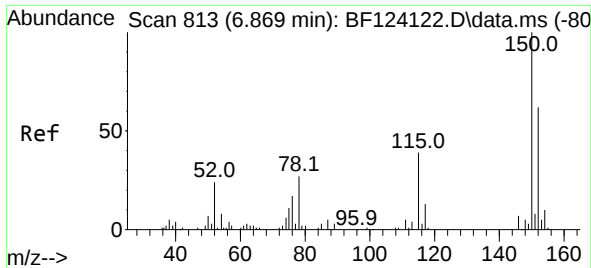
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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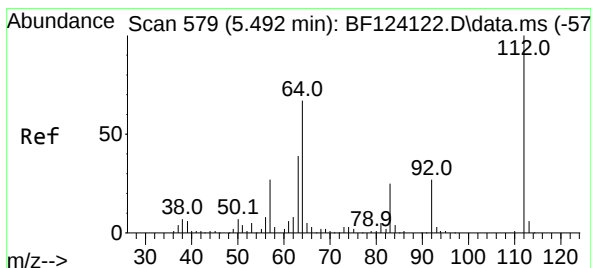
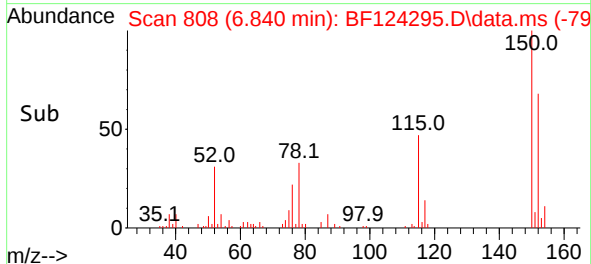
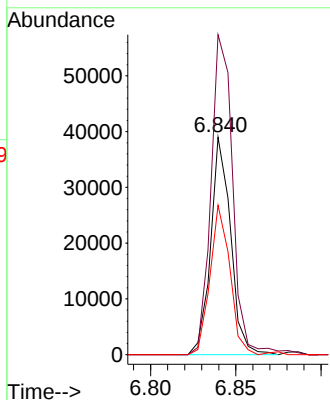
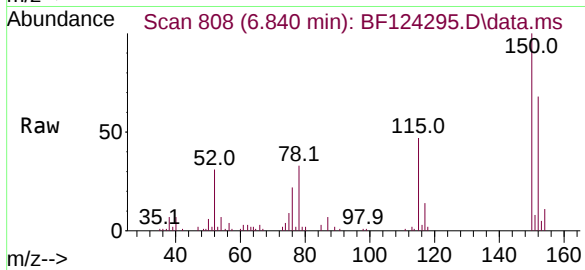




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

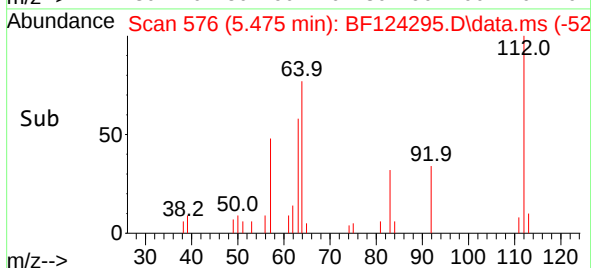
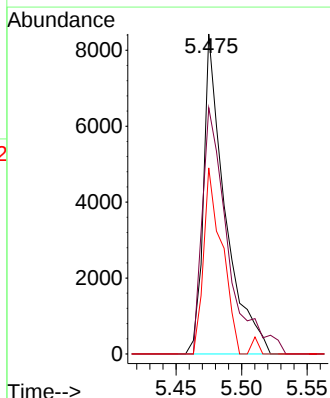
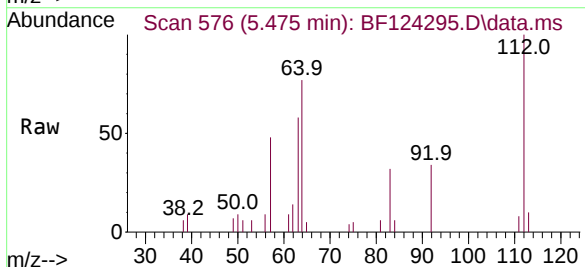
Instrument :
BNA_F
ClientSampleId :
T2-CON

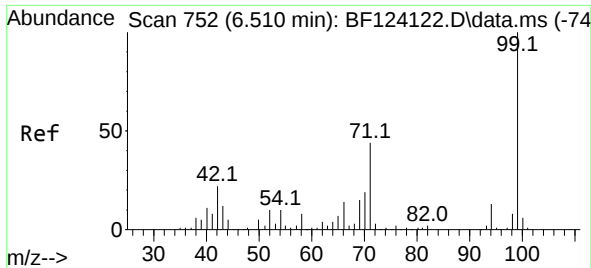
Tgt Ion:152 Resp: 31890
Ion Ratio Lower Upper
152 100
150 147.2 127.0 190.6
115 68.7 54.3 81.5



#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#

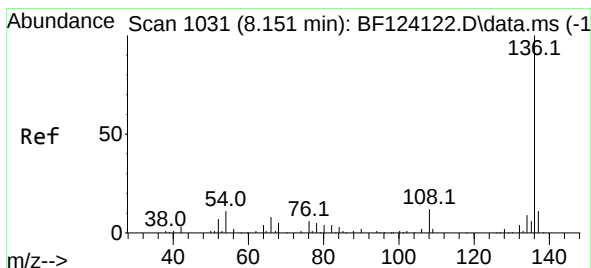
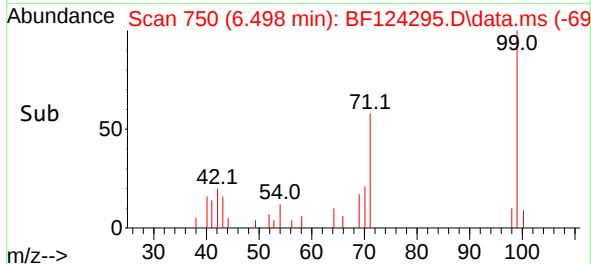
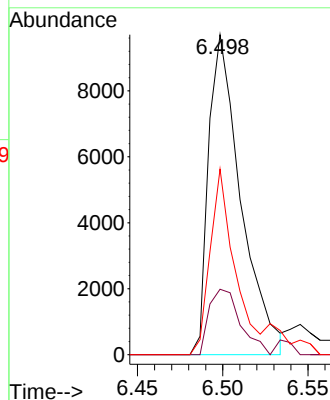
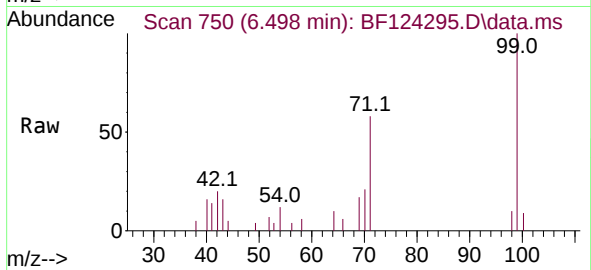




#7
Phenol-d6
Concen: 4.487 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

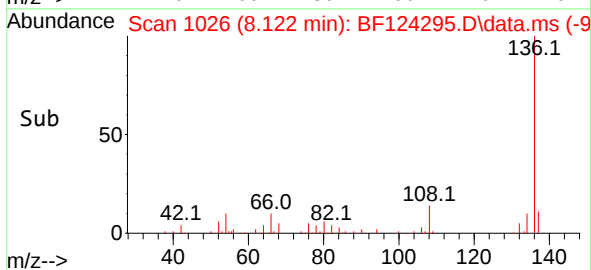
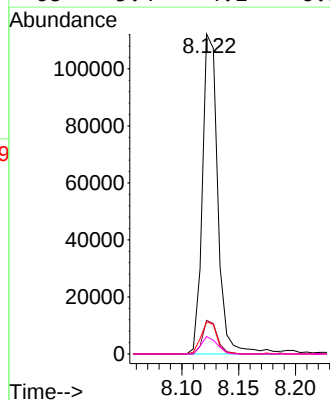
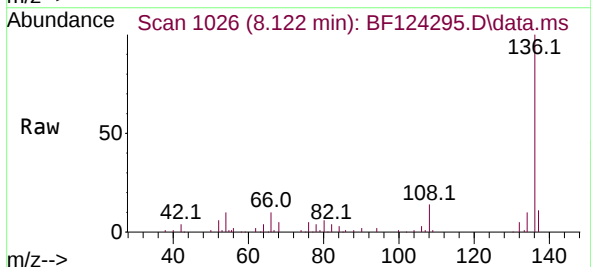
Instrument :
BNA_F
ClientSampleId :
T2-CON

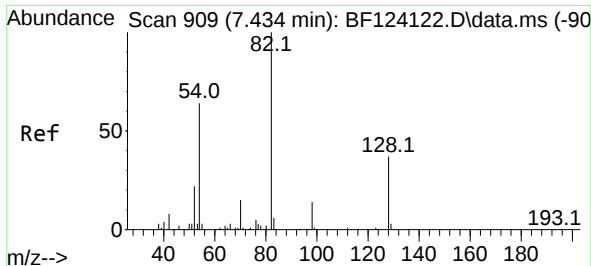
Tgt Ion:	99	Resp:	12776
Ion	Ratio	Lower	Upper
99	100		
42	20.4	19.8	29.8
71	58.0	31.1	46.7#



#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

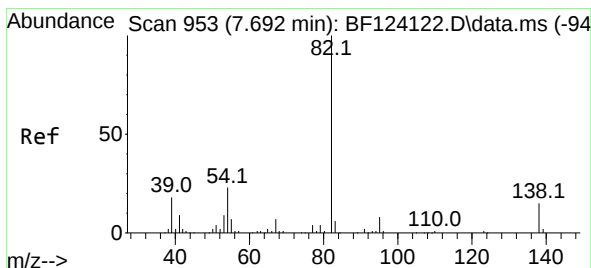
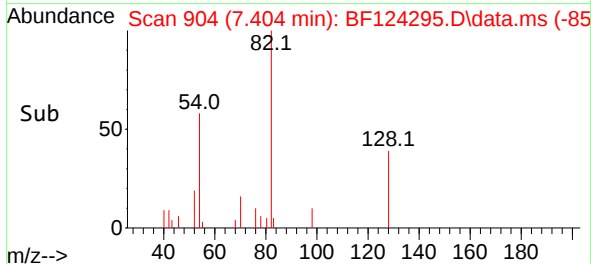
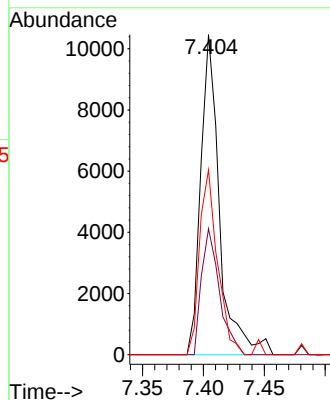
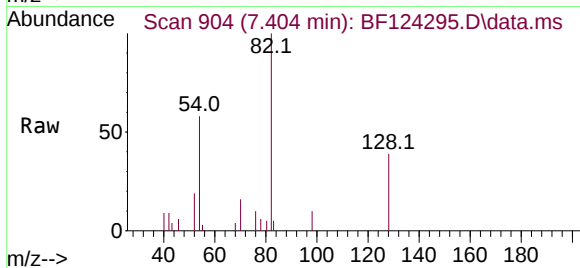
Instrument :

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



#25

Isophorone

Concen: 2.326 ng

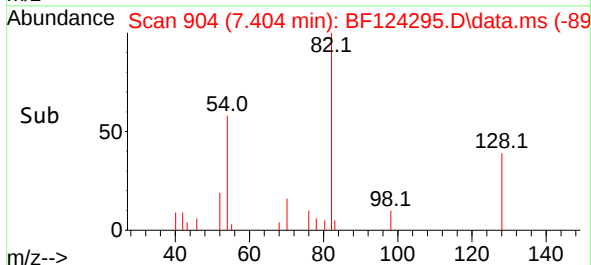
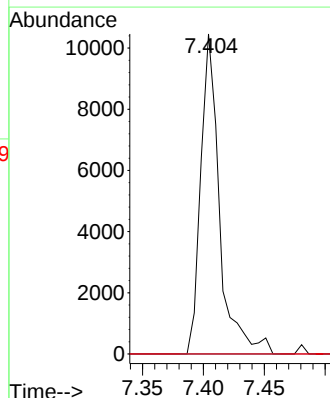
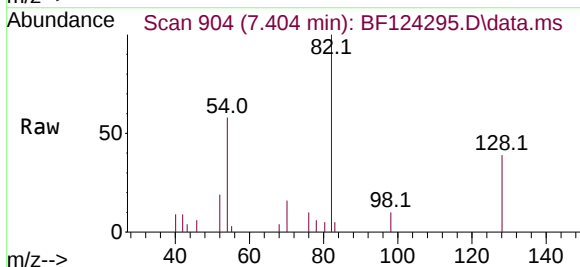
RT: 7.404 min Scan# 904

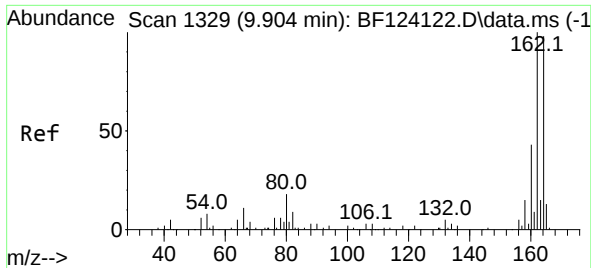
Delta R.T. -0.270 min

Lab File: BF124295.D

Acq: 12 Jun 2021 19:55

Tgt Ion:	82	Resp:	11243
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#





#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

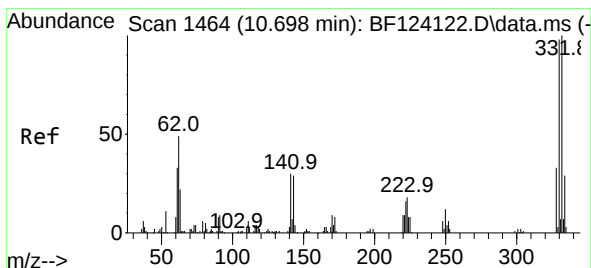
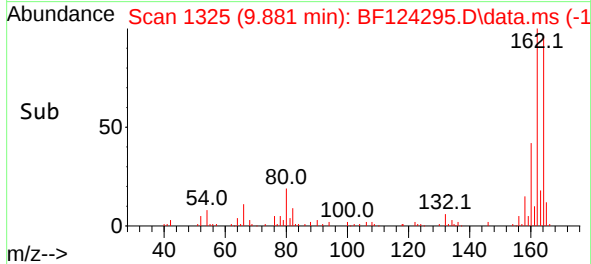
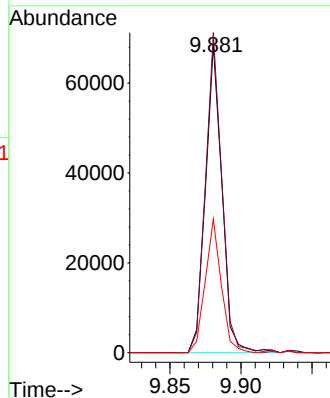
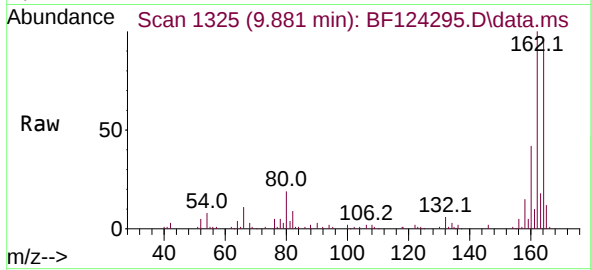
Tgt Ion:164 Resp: 55508

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

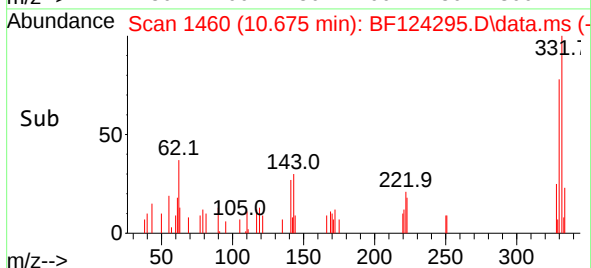
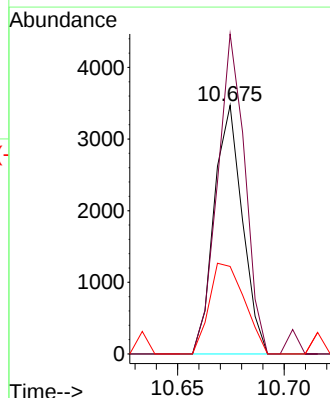
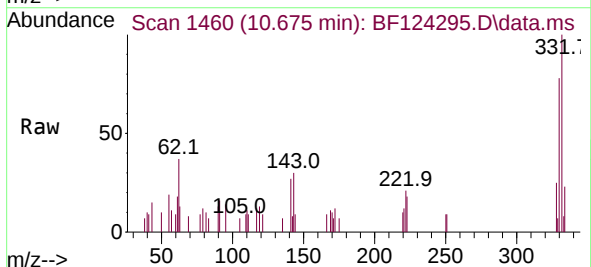
Tgt Ion:330 Resp: 3206

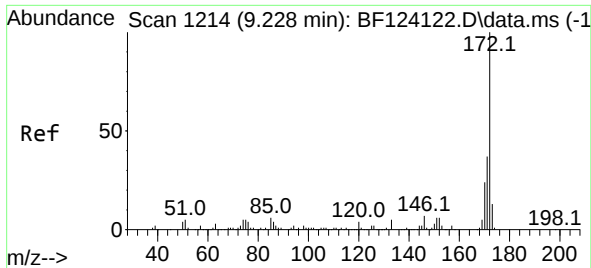
Ion Ratio Lower Upper

330 100

332 124.9 77.1 115.7#

141 45.4 27.9 41.9#

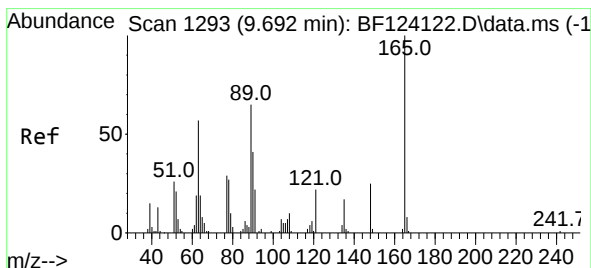
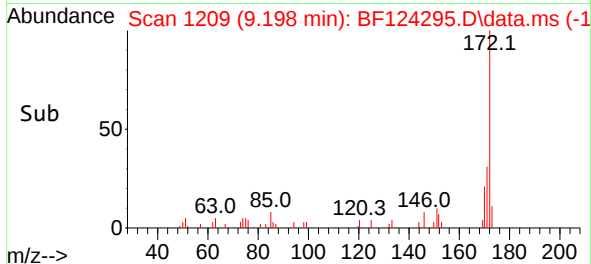
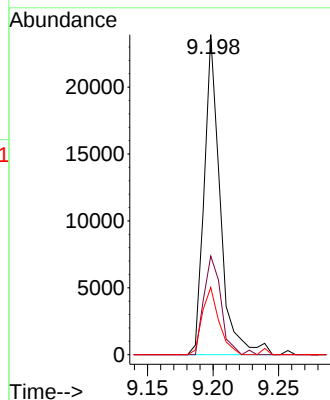
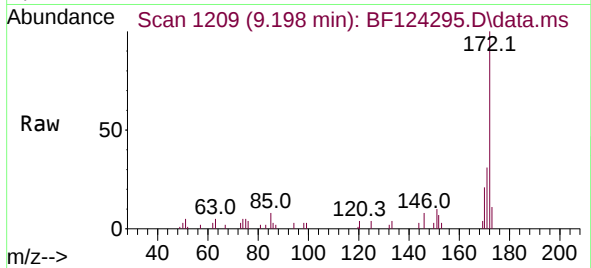




#45
2-Fluorobiphenyl
Concen: 4.611 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

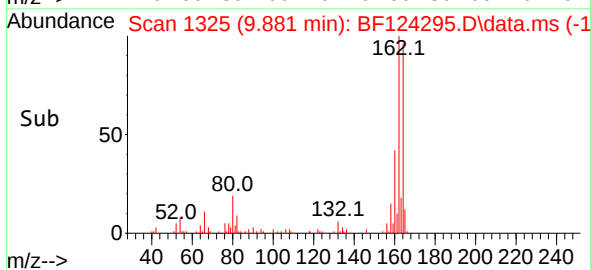
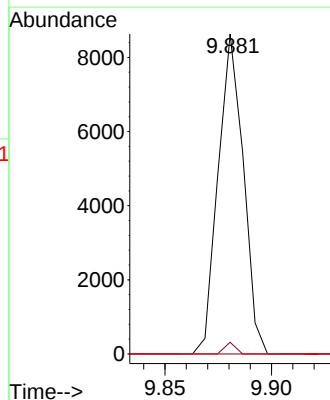
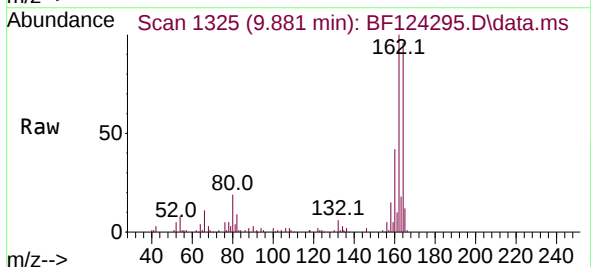
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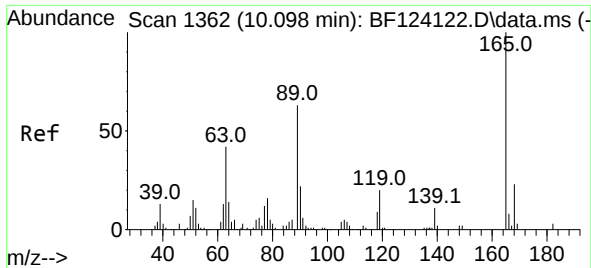
Tgt Ion:172 Resp: 20338
Ion Ratio Lower Upper
172 100
171 30.8 28.1 42.1
170 21.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 6.736 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Tgt Ion:165 Resp: 7093
Ion Ratio Lower Upper
165 100
63 3.6 67.7 101.5#
89 0.0 58.8 88.2#

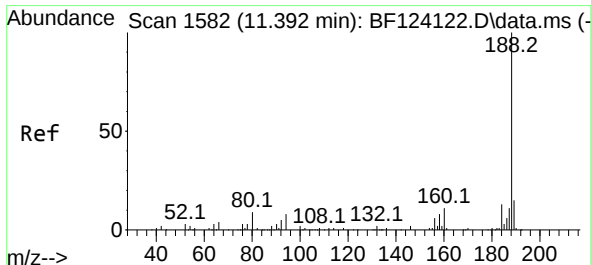
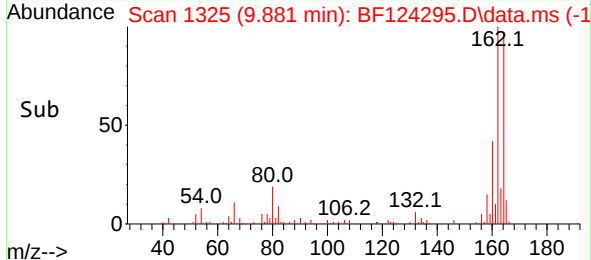
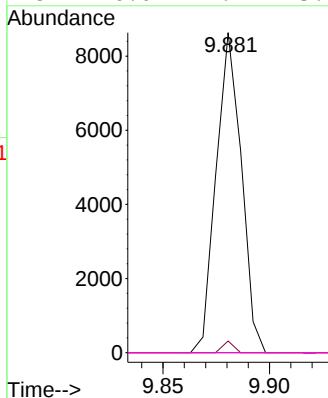
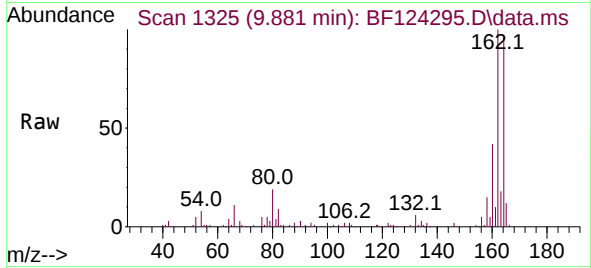




#57
2,4-Dinitrotoluene
Concen: 5.108 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

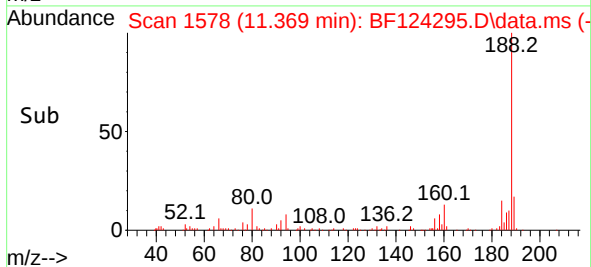
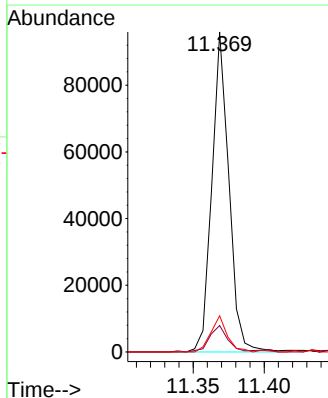
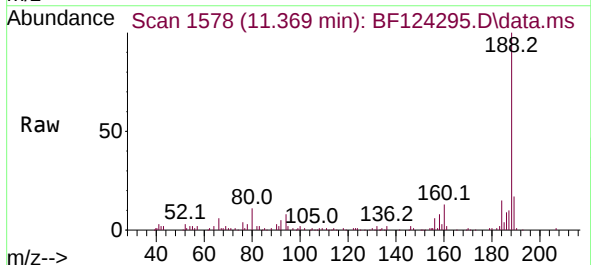
Instrument :
BNA_F
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T2-CON

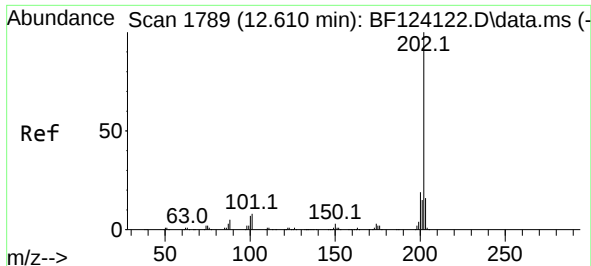
Tgt Ion:165	Resp:	7093
Ion Ratio	Lower	Upper
165	100	
63	3.6	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#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

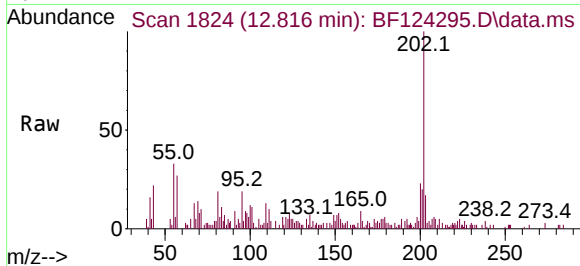
Tgt Ion:188	Resp:	80032
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.9 10.3
80	11.3	8.2 12.2



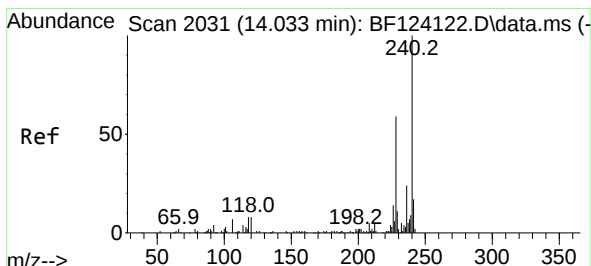
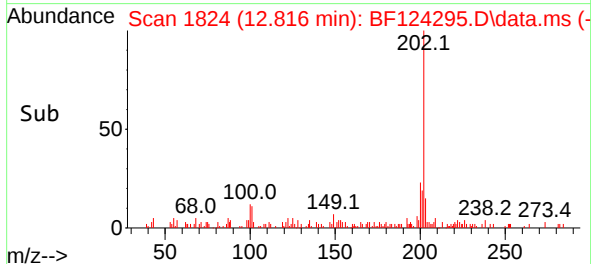
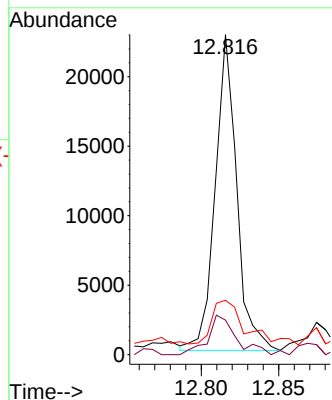


#75
Fluoranthene
Concen: 4.171 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.224 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Instrument :
BNA_F
ClientSampleId :
T2-CON

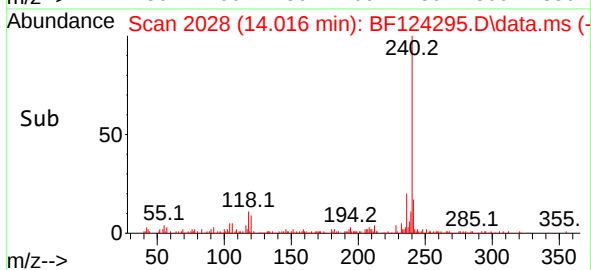
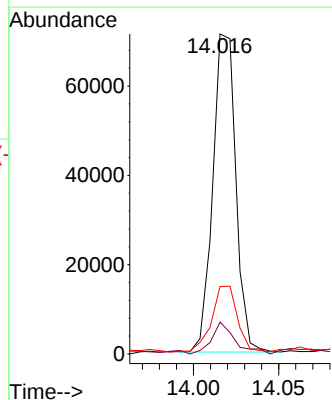
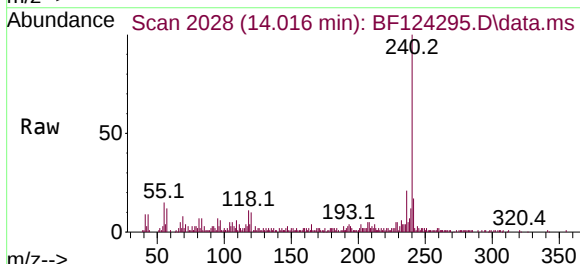


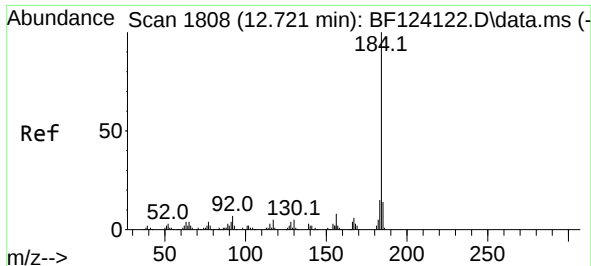
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.9
203	17.0	0.0	37.5



#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	Ratio	Lower	Upper
240	100		
120	9.9	7.2	10.8
236	21.0	19.0	28.4

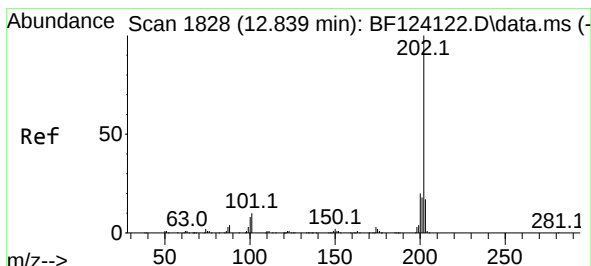
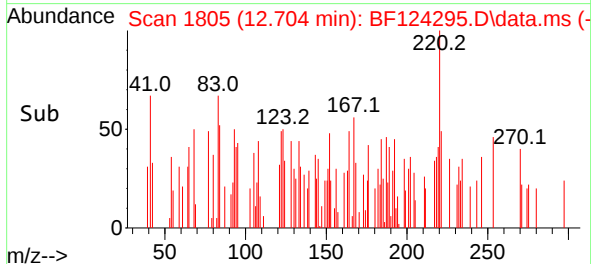
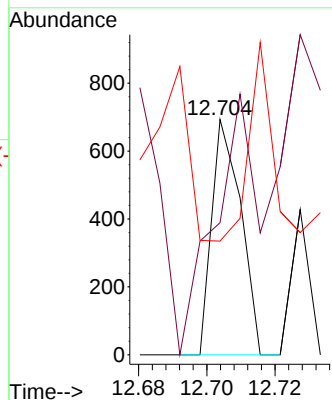
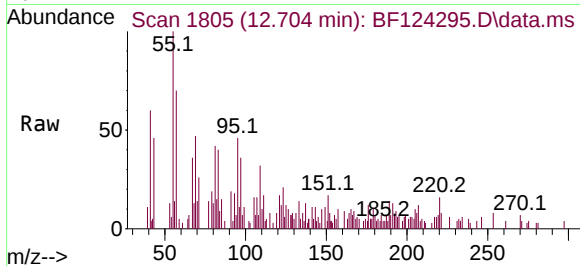




#77
Benzidine
Concen: 4.299 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

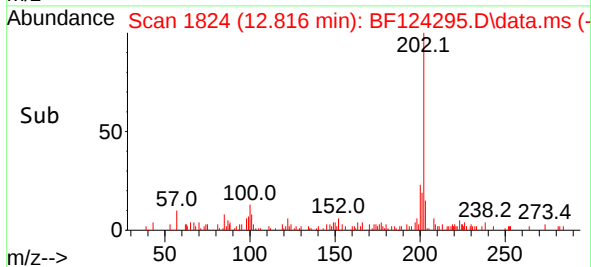
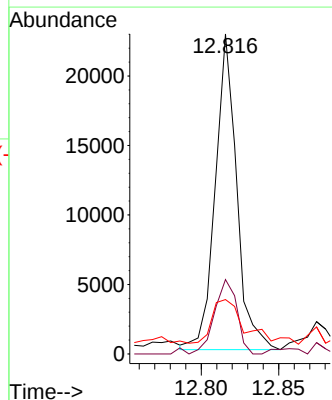
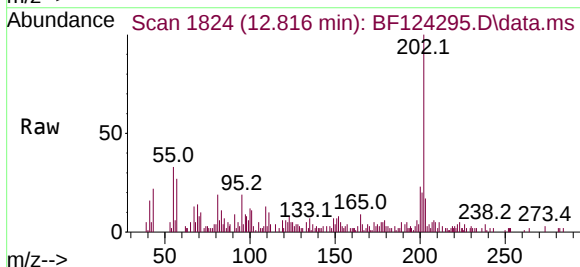
Instrument :
BNA_F
ClientSampleId :
T2-CON

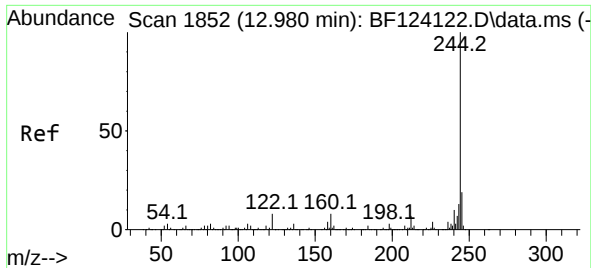
Tgt Ion:184 Resp: 408
Ion Ratio Lower Upper
184 100
185 56.1 12.1 18.1#
183 48.3 7.8 11.8#



#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

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

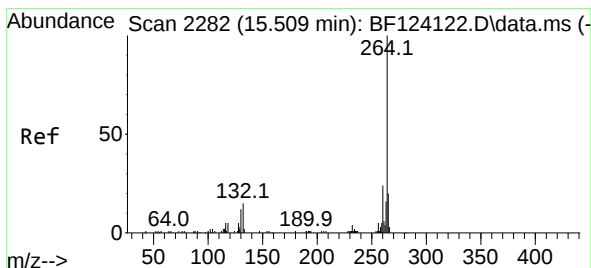
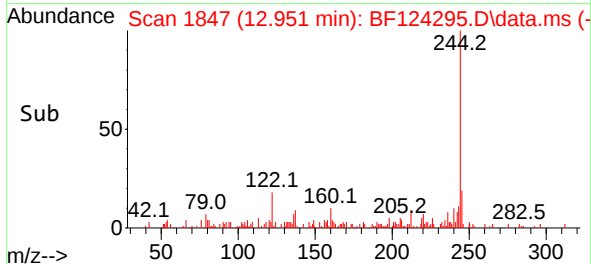
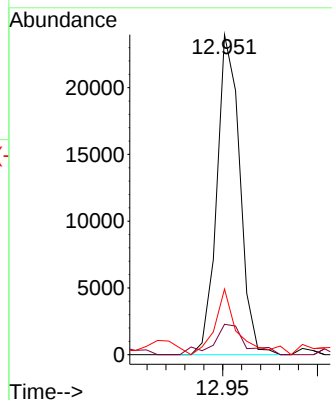
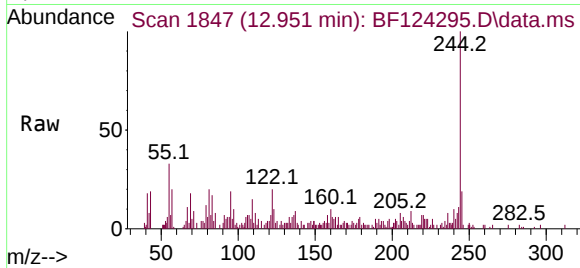




#79
Terphenyl-d14
Concen: 4.116 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

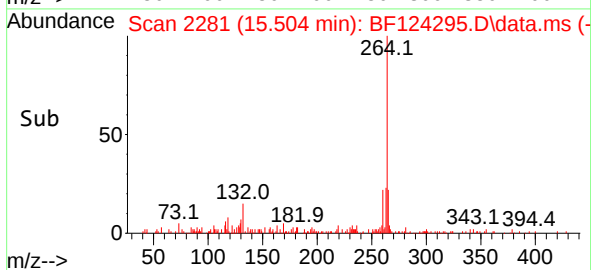
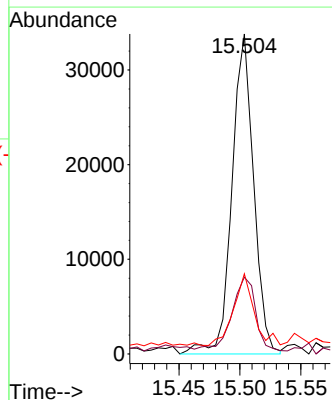
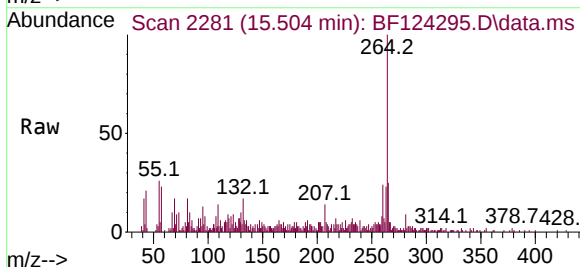
Instrument :
BNA_F
ClientSampleId :
T2-CON

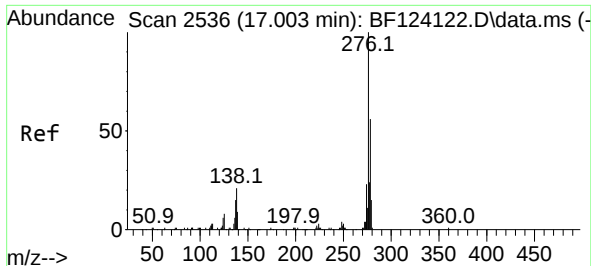
Tgt Ion:244	Resp:	20145
Ion Ratio	Lower	Upper
244	100	
212	9.5	5.7 8.5#
122	20.5	9.7 14.5#



#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

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

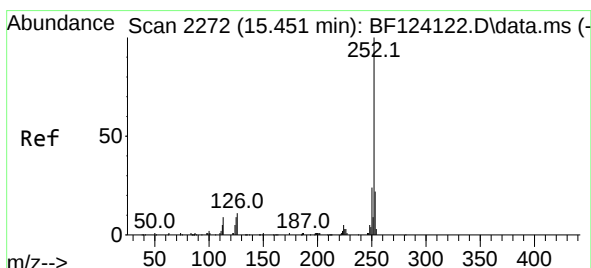
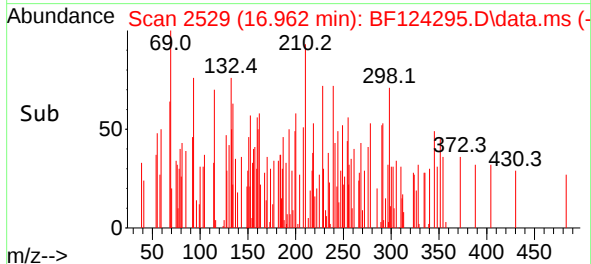
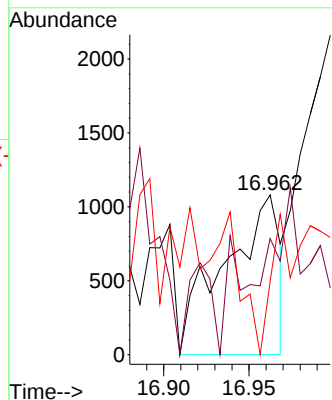
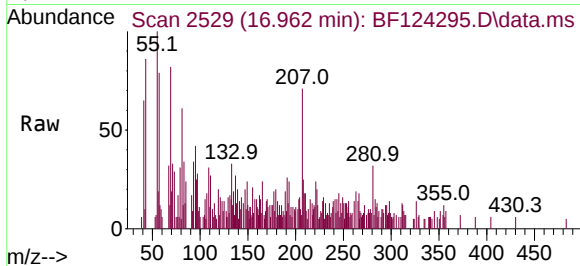




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.962 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.017 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

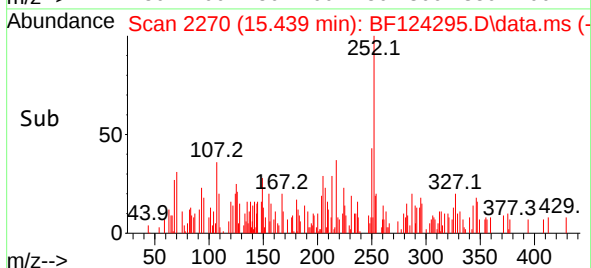
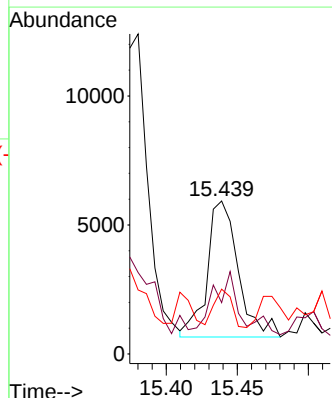
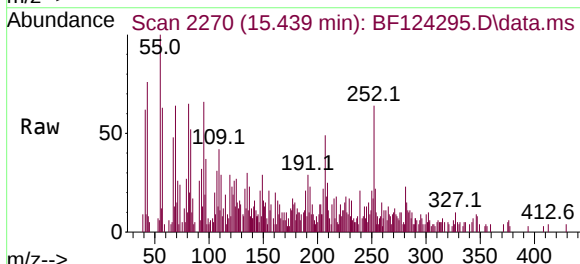
Instrument :
BNA_F
ClientSampleId :
T2-CON

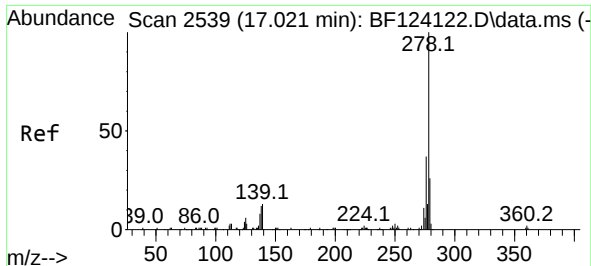
Tgt Ion:	276	Resp:	2409
Ion Ratio	100	Lower	Upper
276	100		
138	21.7	16.2	24.2
277	28.8	20.1	30.1



#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	100	Lower	Upper
252	100		
253	33.6	18.4	27.6#
125	42.4	8.0	12.0#

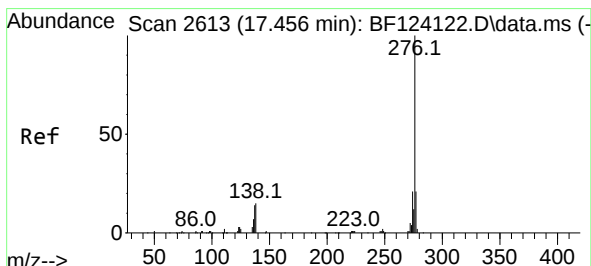
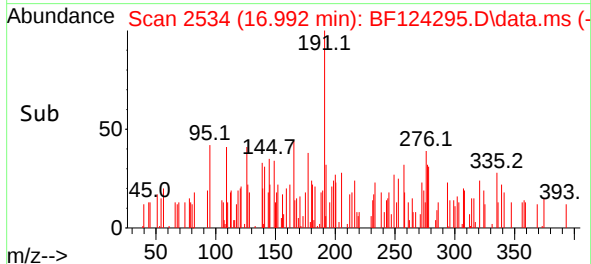
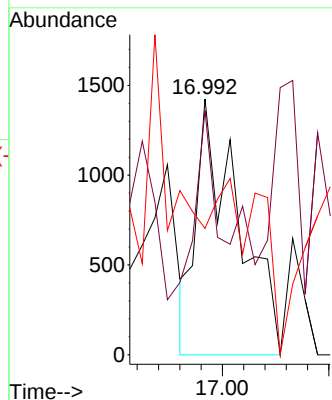
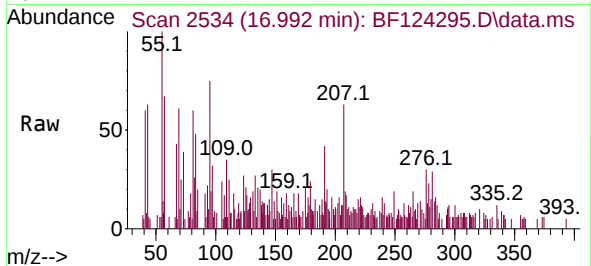




#91
Dibenzo(a,h)anthracene
Concen: 4.762 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF124295.D
Acq: 12 Jun 2021 19:55

Instrument :
BNA_F
ClientSampleId :
T2-CON

Tgt Ion:278 Resp: 1920
Ion Ratio Lower Upper
278 100
139 95.5 10.2 15.2#
279 49.4 19.4 29.0#



#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

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#

