

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124732.D
 Acq On : 24 Jul 2021 1:41
 Operator : JU/CG
 Sample : M3114-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 02:27:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

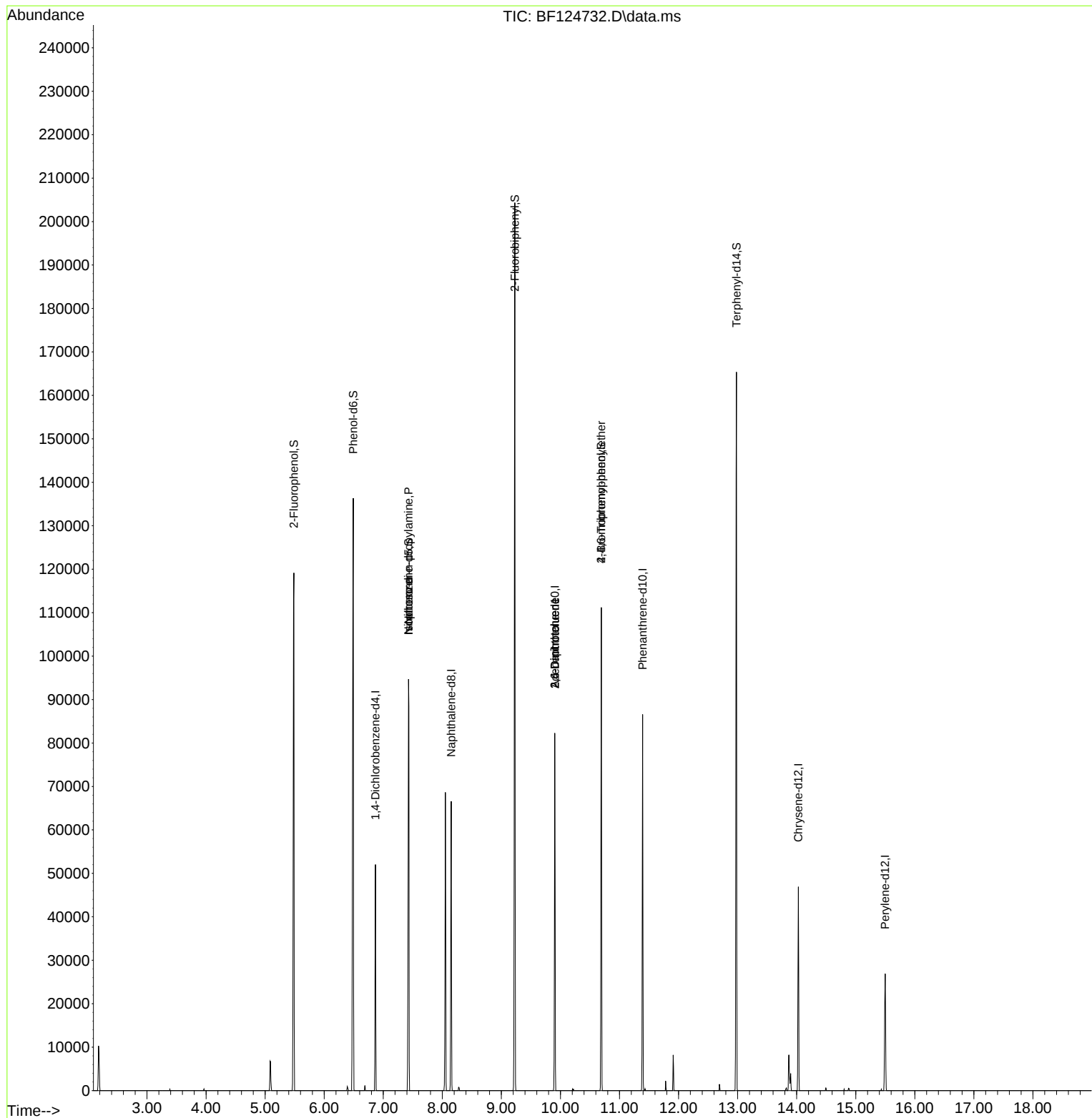
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7482	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	29253	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	16602	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	29181	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16666	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12875	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34028	77.00	ng	0.00
7) Phenol-d6	6.492	99	46805	84.49	ng	0.00
23) Nitrobenzene-d5	7.428	82	31146	63.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	10012	70.24	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	59431	52.58	ng	0.00
79) Terphenyl-d14	12.980	244	54319	55.87	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	4102	13.87	ng	# 80
25) Isophorone	7.428	82	31146	35.84	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1950	7.72	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1950	5.69	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	770	2.49	ng	# 1

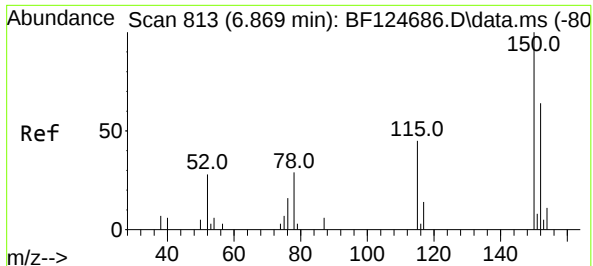
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

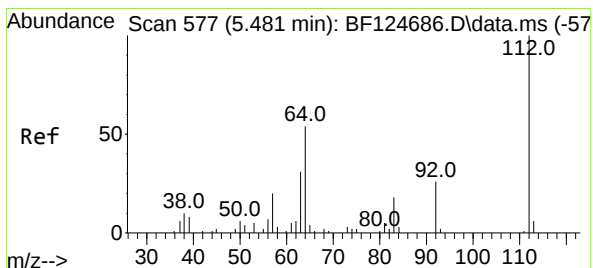
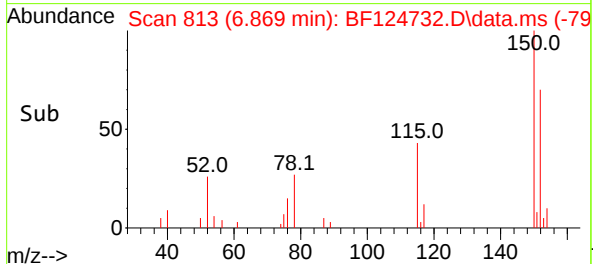
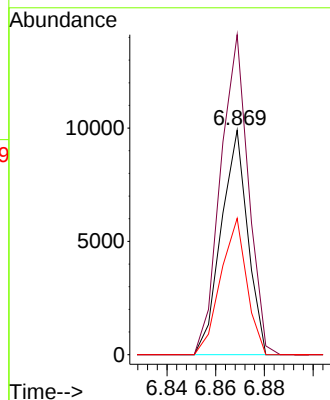
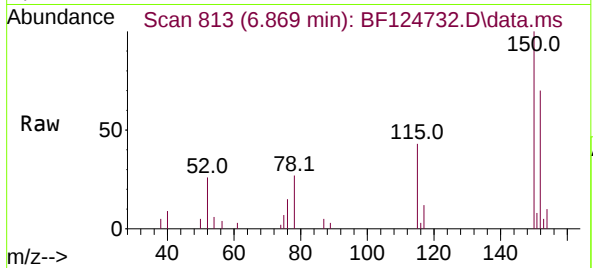




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

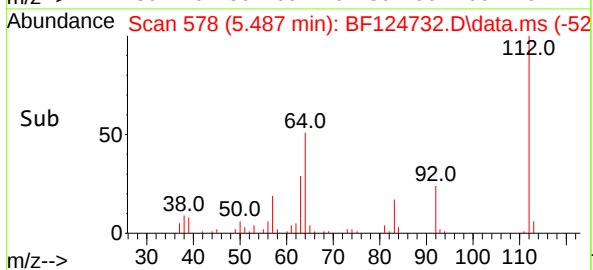
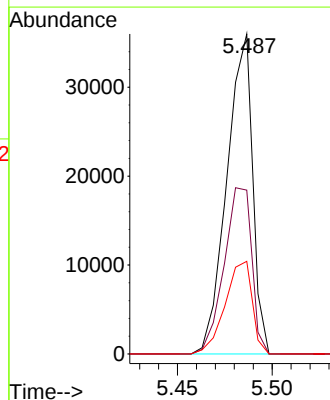
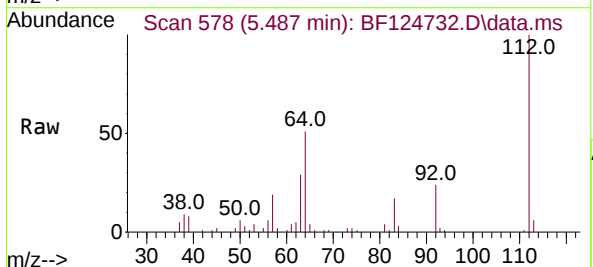
Instrument :
BNA_F
ClientSampleId :

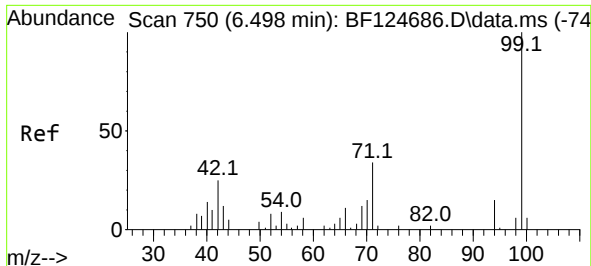
Tgt Ion:152 Resp: 7482
Ion Ratio Lower Upper
152 100
150 142.5 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 77.00 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

Tgt Ion:112 Resp: 34028
Ion Ratio Lower Upper
112 100
64 51.2 44.2 66.2
63 28.9 26.2 39.2

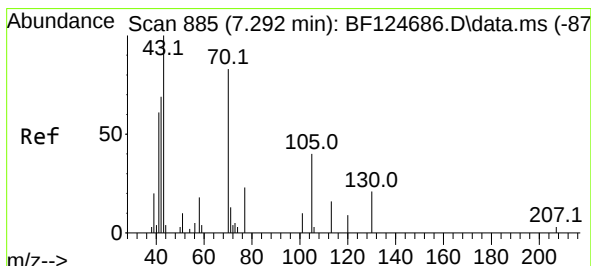
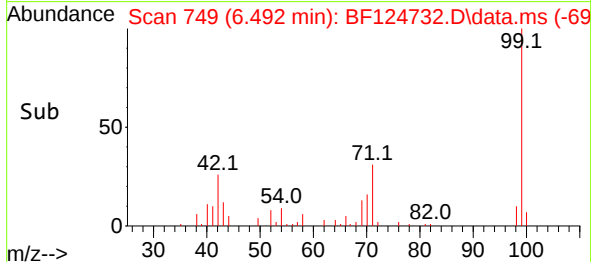
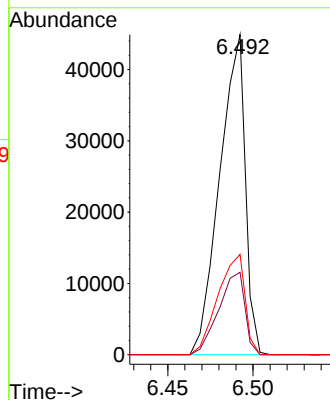
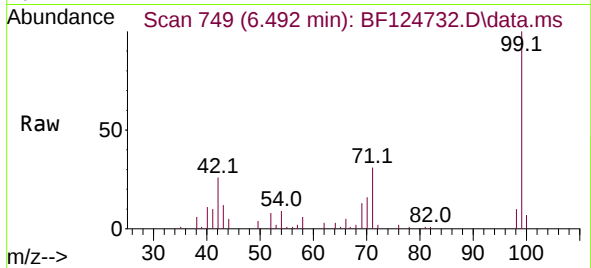




#7
Phenol-d6
Concen: 84.49 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

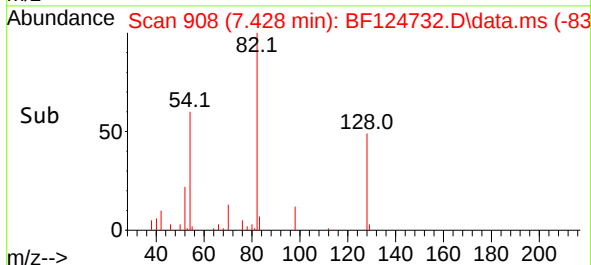
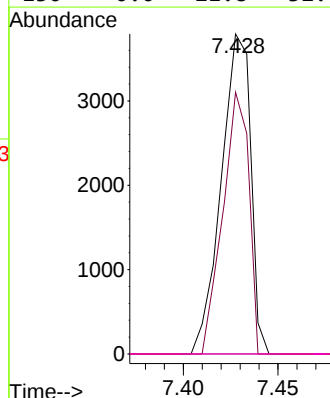
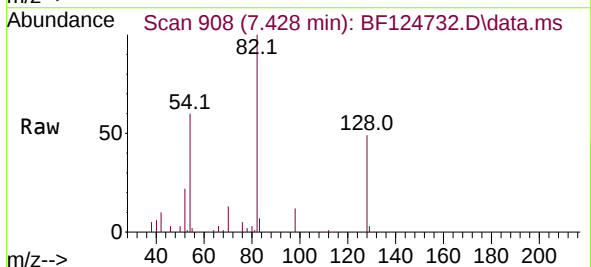
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	99	Resp:	46805
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	31.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.87 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

Tgt Ion:	70	Resp:	4102
Ion	Ratio	Lower	Upper
70	100		
42	81.8	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

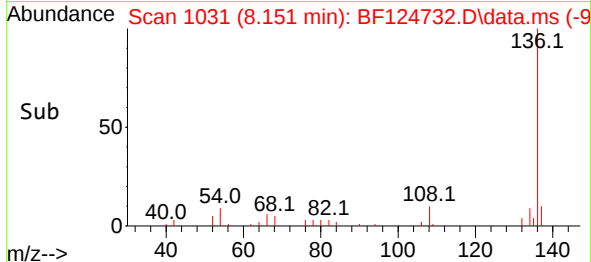
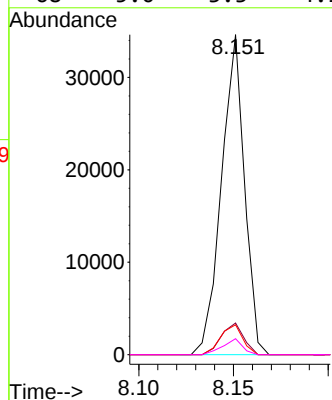
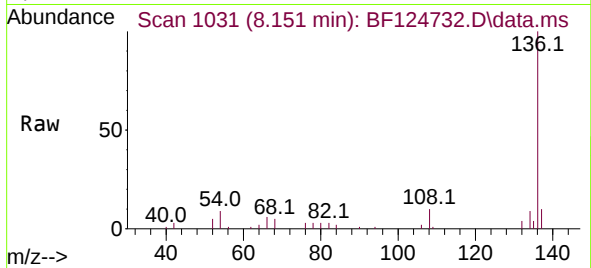




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

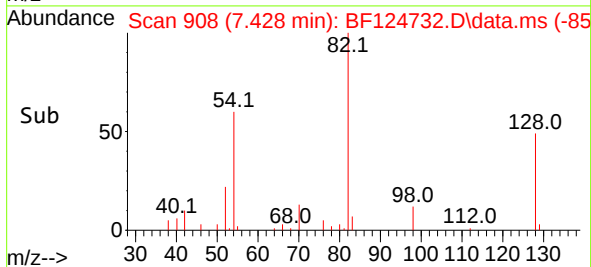
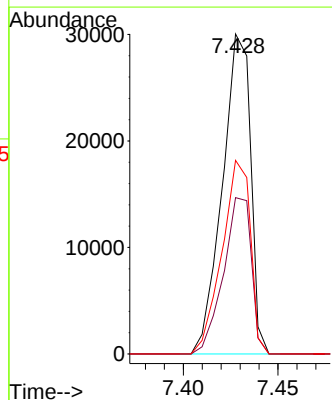
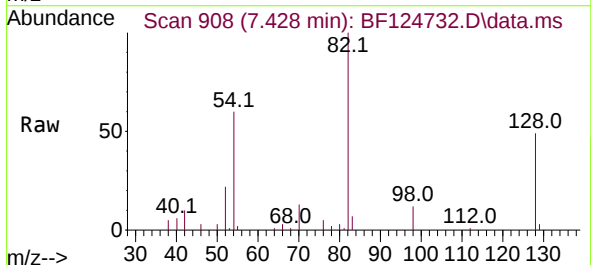
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136	Resp:	29253
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.8 14.6
54	9.3	6.4 9.6
68	5.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.37 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

Tgt Ion: 82	Resp:	31146
Ion Ratio	Lower	Upper
82	100	
128	48.9	40.6 60.8
54	60.5	49.6 74.4

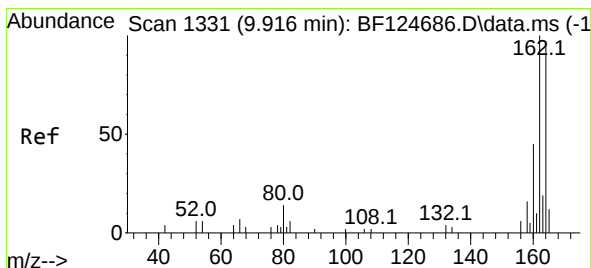
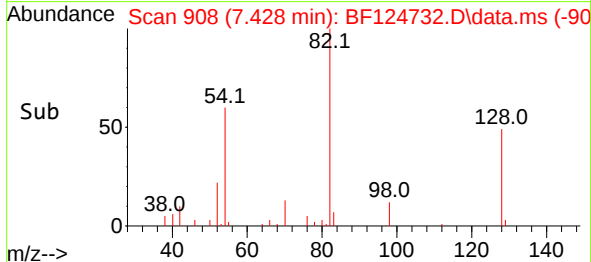
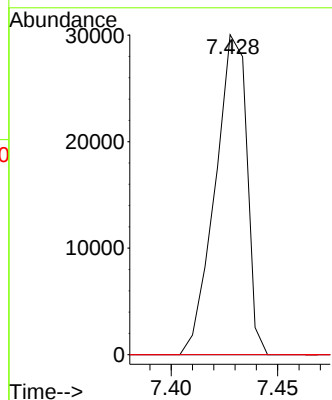
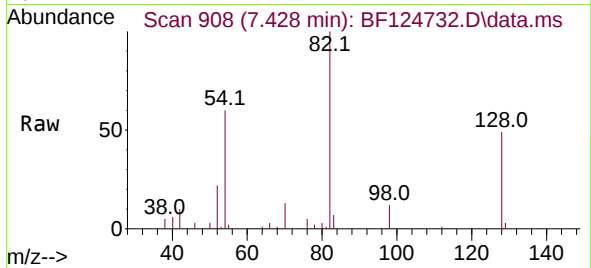




#25
Isophorone
Concen: 35.84 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

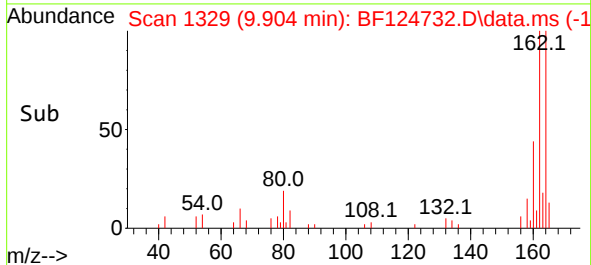
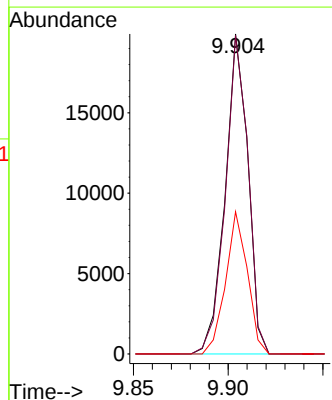
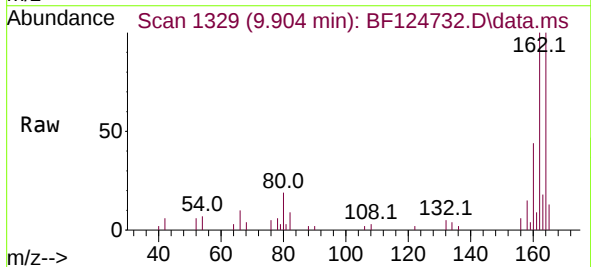
Instrument :
BNA_F
ClientSampleId :

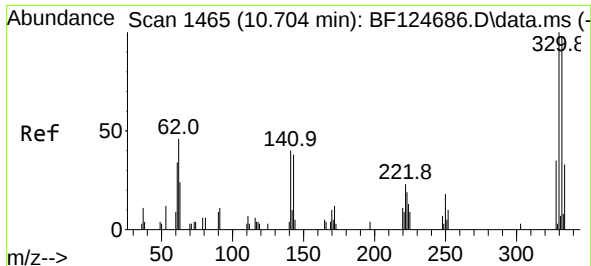
Tgt Ion: 82 Resp: 31146
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

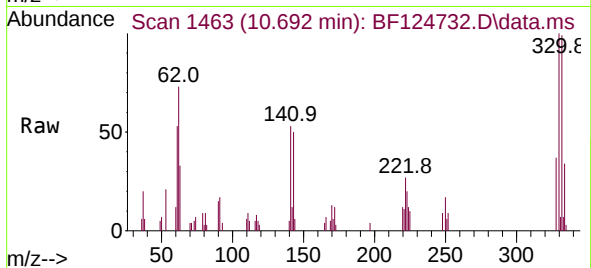
Tgt Ion: 164 Resp: 16602
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 44.4 38.0 57.0



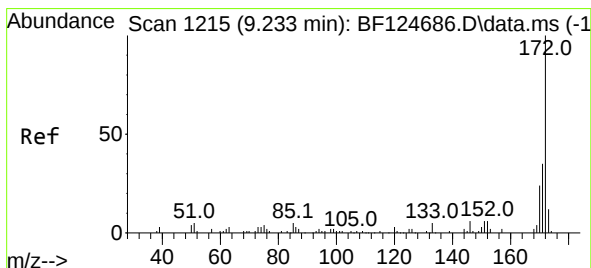
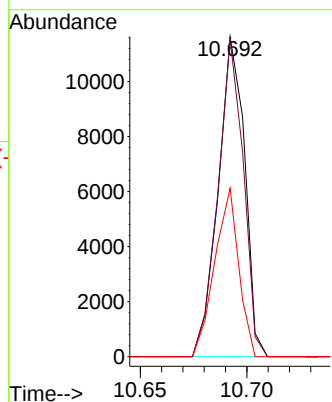
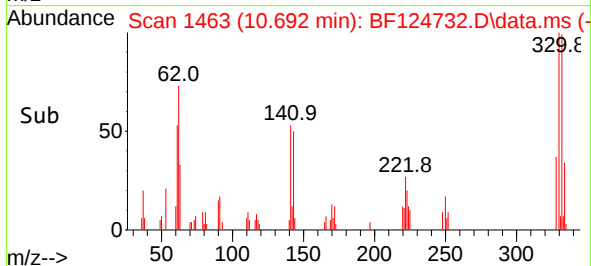


#42
2,4,6-Tribromophenol
Concen: 70.24 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

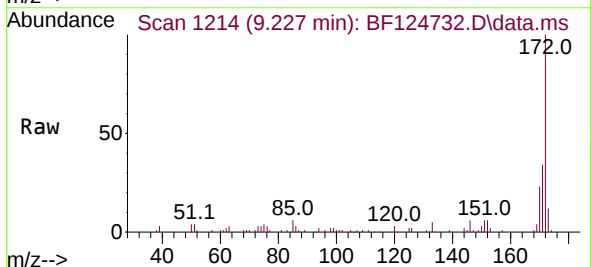
Instrument :
BNA_F
ClientSampled :



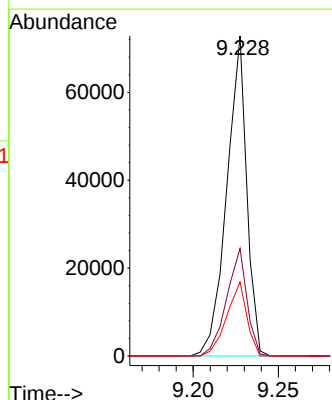
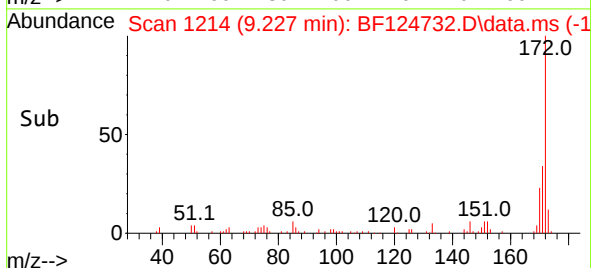
Tgt Ion: 330 Resp: 10012
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 47.8 44.6 66.8

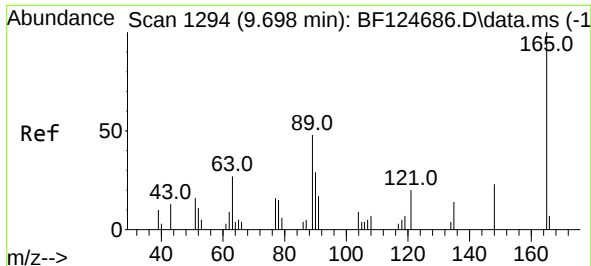


#45
2-Fluorobiphenyl
Concen: 52.58 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41



Tgt Ion: 172 Resp: 59431
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 23.1 18.8 28.2

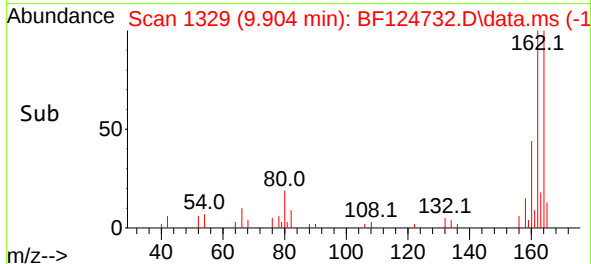
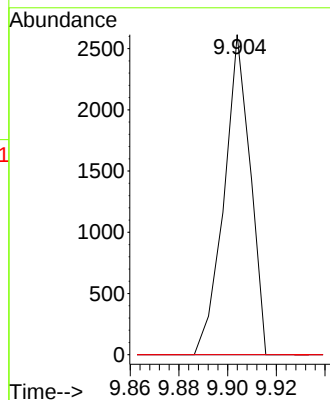
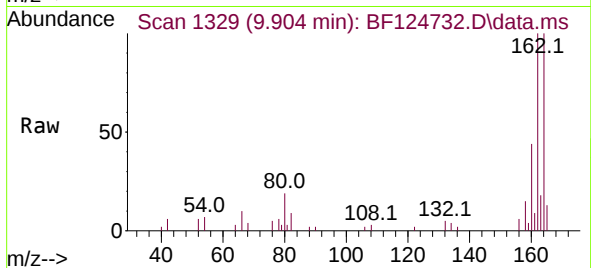




#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

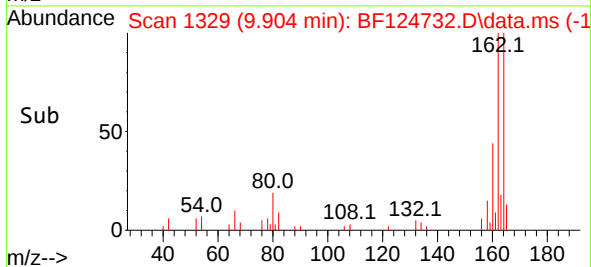
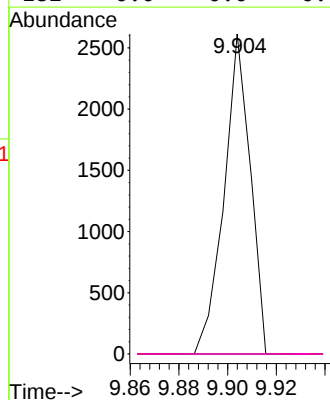
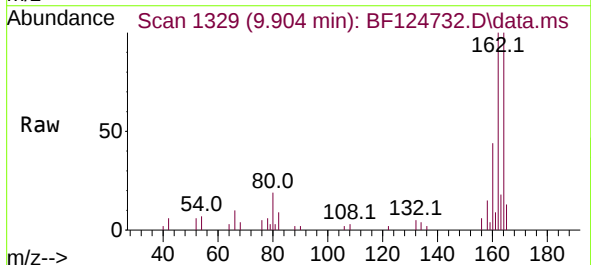
Instrument :
BNA_F
ClientSampleId :

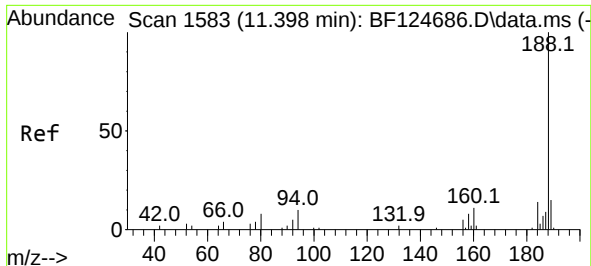
Tgt Ion:165 Resp: 1950
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

Tgt Ion:165 Resp: 1950
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

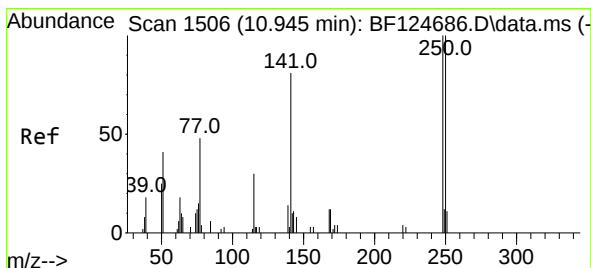
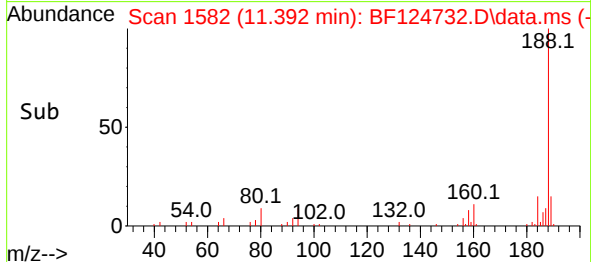
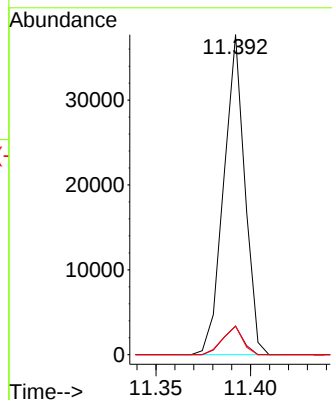
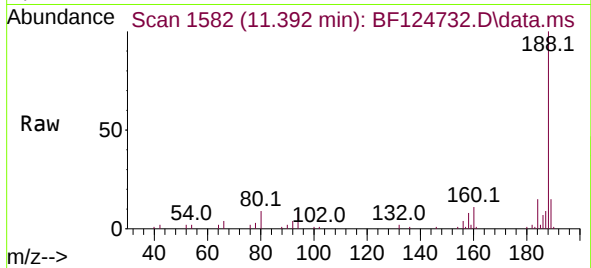




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

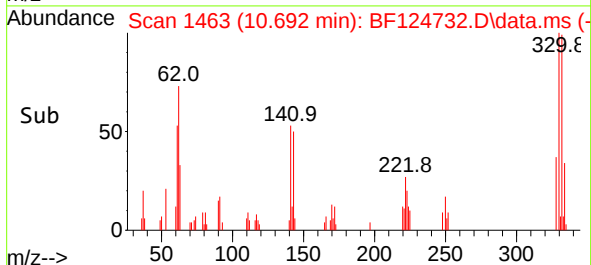
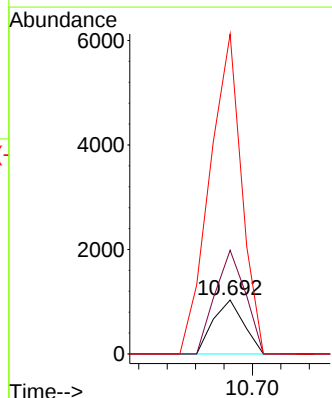
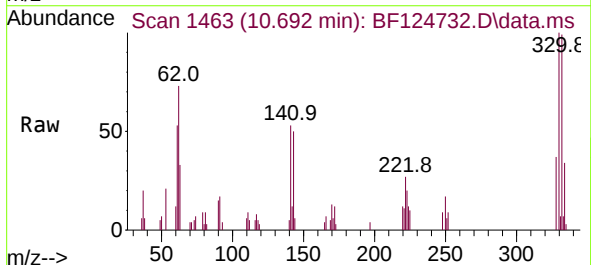
Instrument :
BNA_F
ClientSampleId :

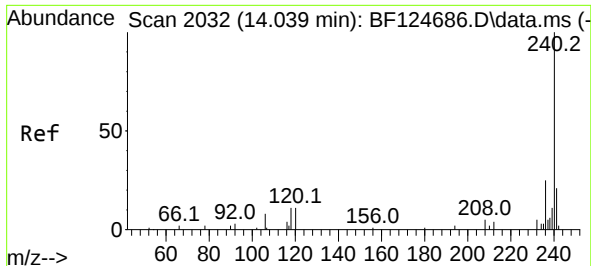
Tgt Ion:188 Resp: 29181
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

Tgt Ion:248 Resp: 770
Ion Ratio Lower Upper
248 100
250 192.0 74.2 111.4#
141 592.9 60.4 90.6#

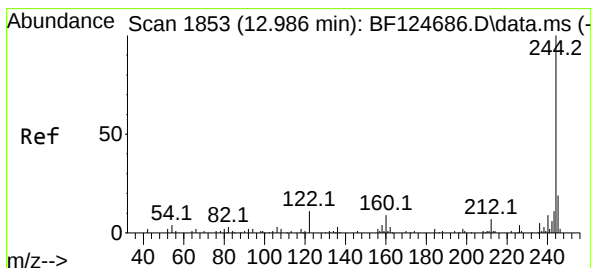
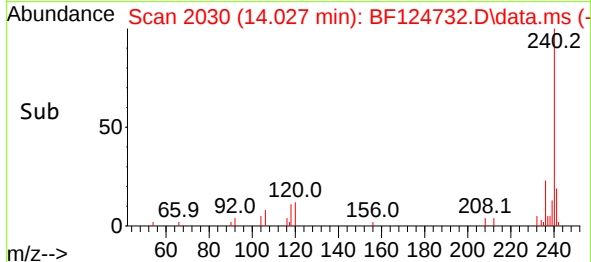
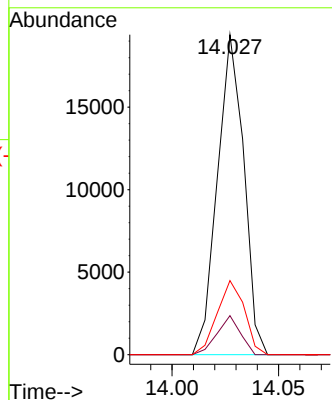
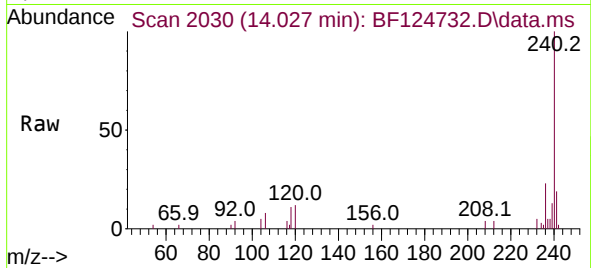




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

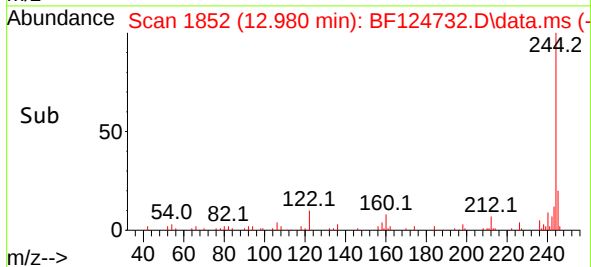
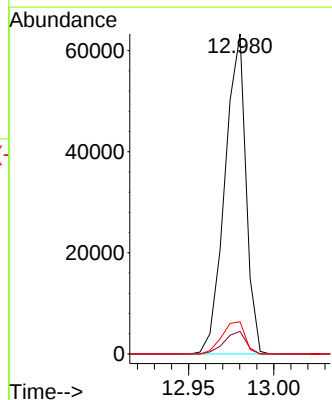
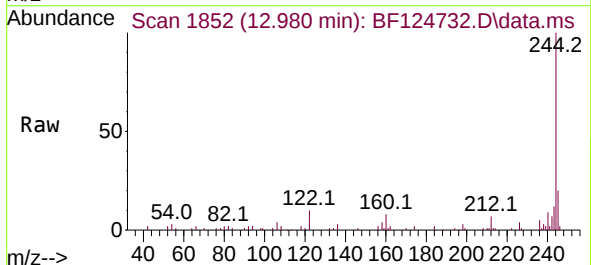
Instrument :
BNA_F
ClientSampleId :

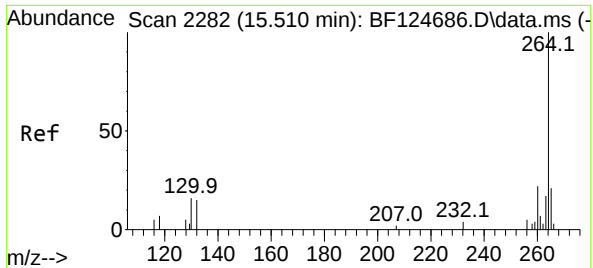
Tgt Ion:240 Resp: 16666
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 23.2 21.6 32.4



#79
Terphenyl-d14
Concen: 55.87 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124732.D
Acq: 24 Jul 2021 1:41

Tgt Ion:244 Resp: 54319
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.0 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124732.D
 Acq: 24 Jul 2021 1:41

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	12875
Ion Ratio	Lower	Upper
264	100	
260	21.8	19.6 29.4
265	19.6	17.2 25.8

