

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124731.D
 Acq On : 24 Jul 2021 1:09
 Operator : JU/CG
 Sample : M3114-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 02:27:02 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)

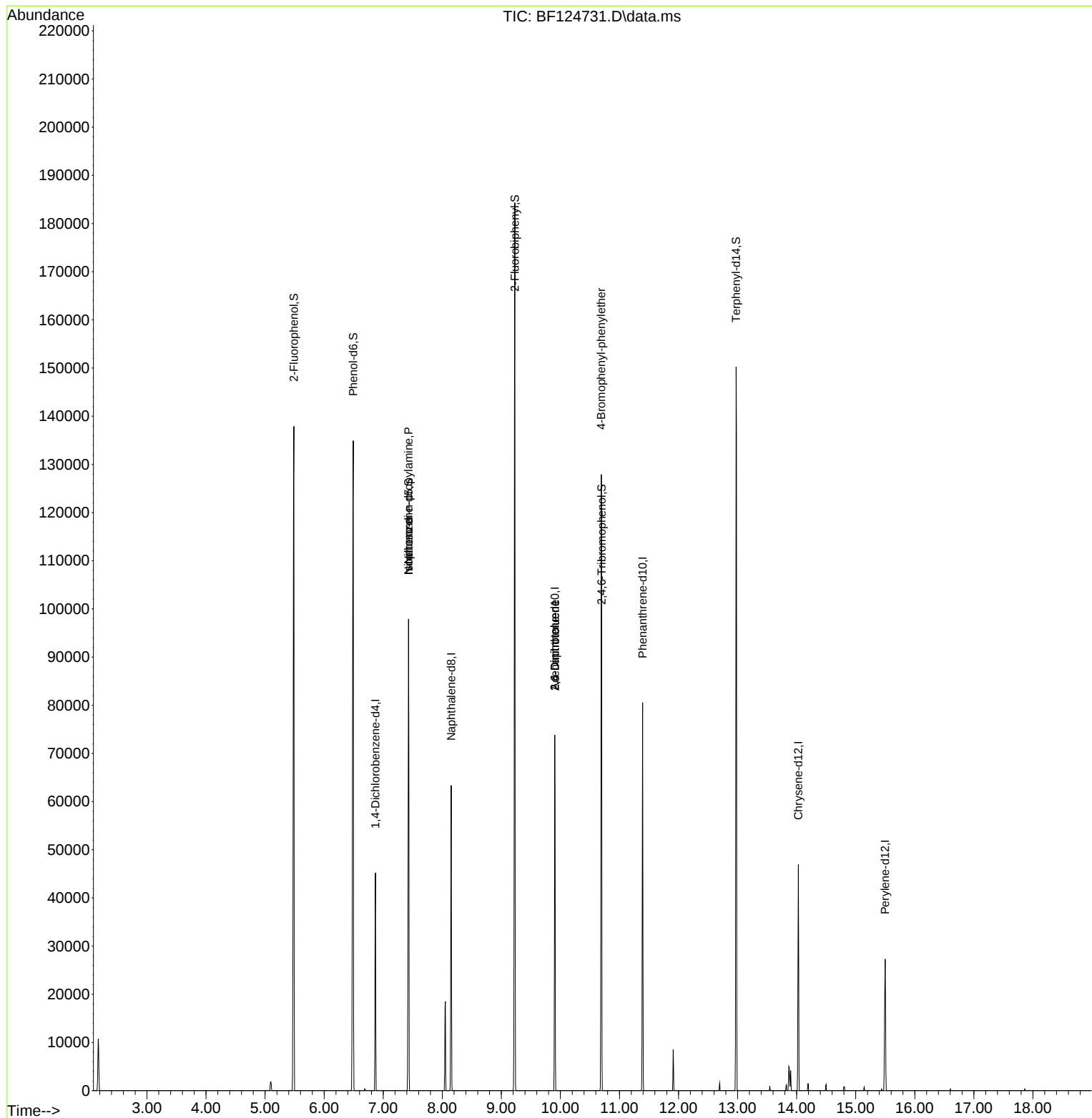
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6842	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	26715	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	15095	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	27439	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16428	20.00	ng	#-0.01
86) Perylene-d12	15.498	264	13298	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	40187	99.45	ng	0.00
7) Phenol-d6	6.493	99	47210	93.19	ng	0.00
23) Nitrobenzene-d5	7.428	82	29948	66.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	12764	98.48	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	56028	54.52	ng	0.00
79) Terphenyl-d14	12.974	244	51999	54.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	3784	13.99	ng	# 75
25) Isophorone	7.428	82	29947	37.73	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1841	8.02	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1841	5.91	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	967	3.32	ng	# 1

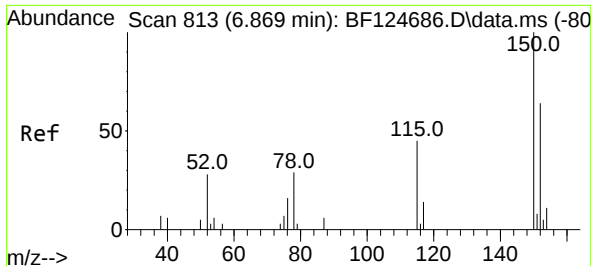
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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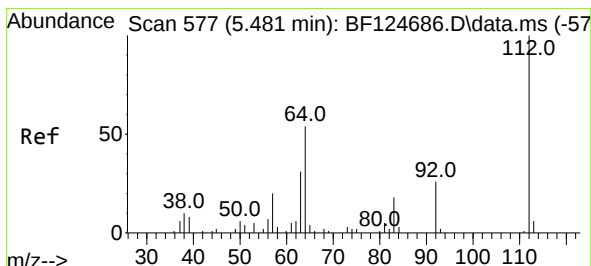
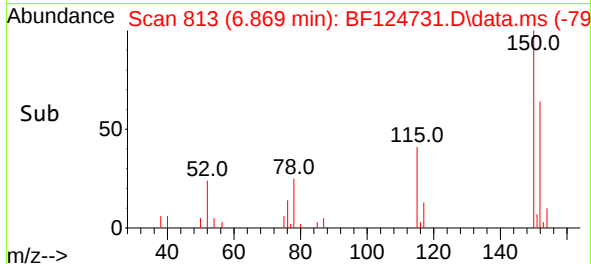
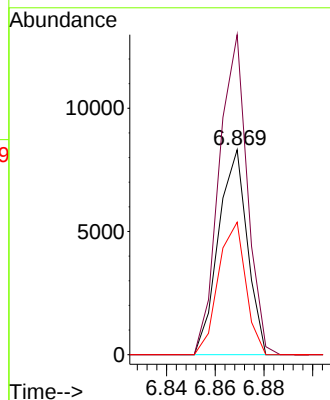
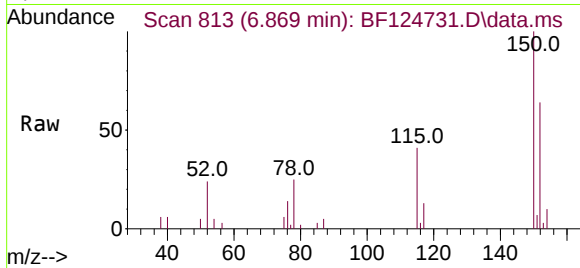




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

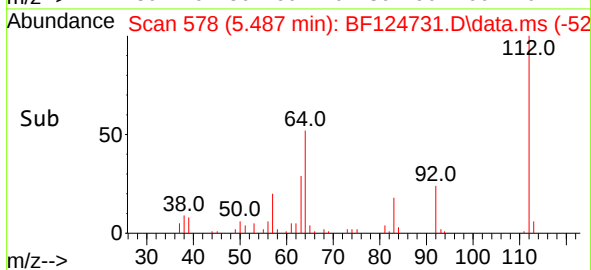
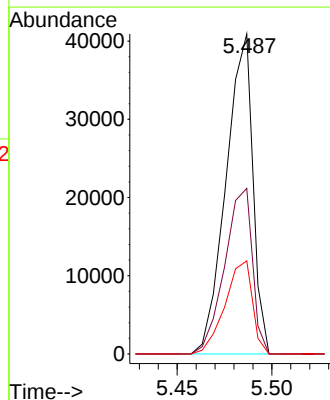
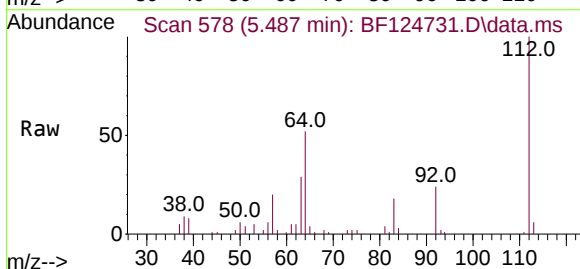
Instrument :
BNA_F
ClientSampled :

Tgt Ion:152 Resp: 6842
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 99.45 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:112 Resp: 40187
Ion Ratio Lower Upper
112 100
64 51.7 44.2 66.2
63 29.1 26.2 39.2

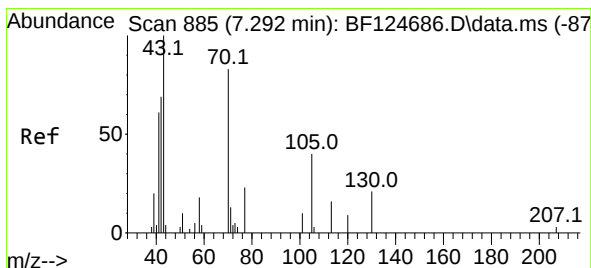
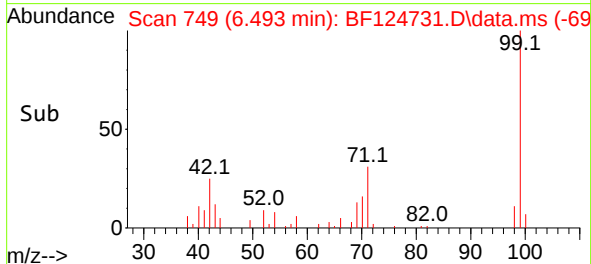
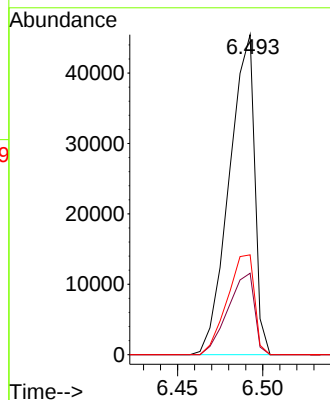
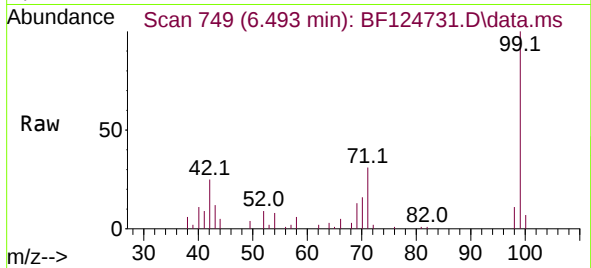




#7
Phenol-d6
Concen: 93.19 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

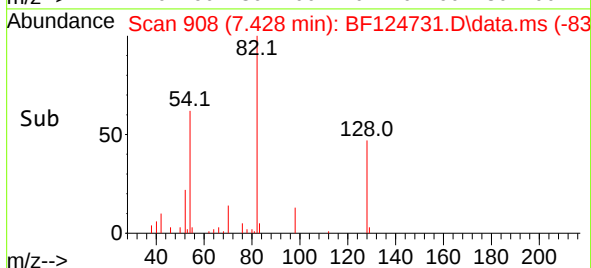
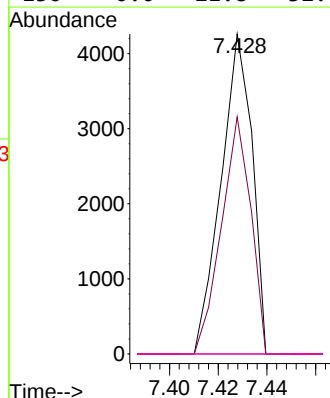
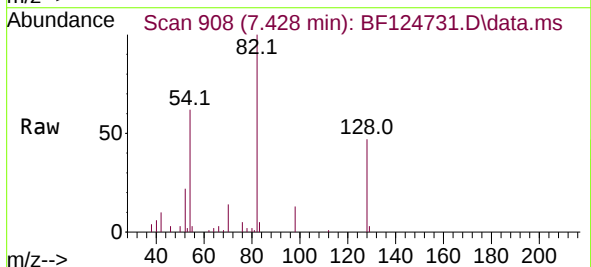
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	99	Resp:	47210
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	31.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:	70	Resp:	3784
Ion	Ratio	Lower	Upper
70	100		
42	74.1	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

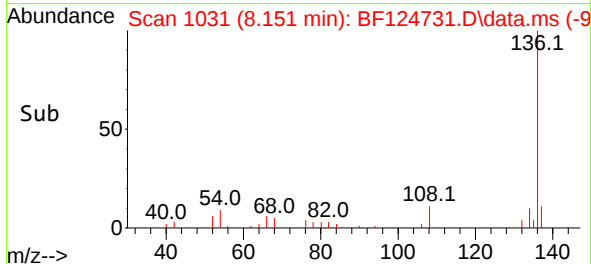
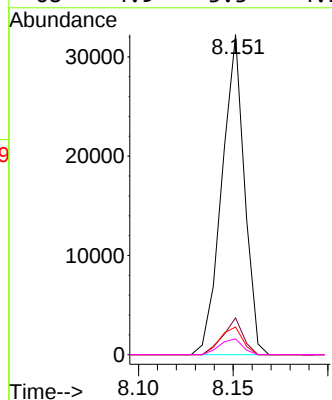
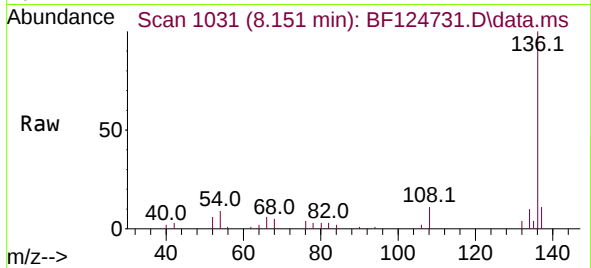




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

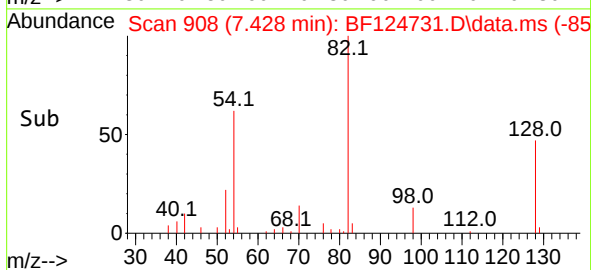
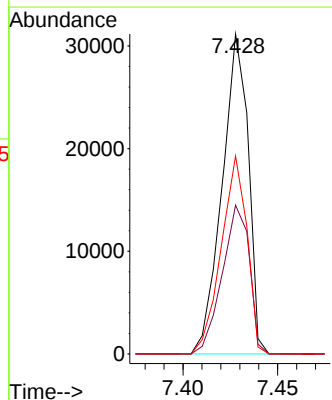
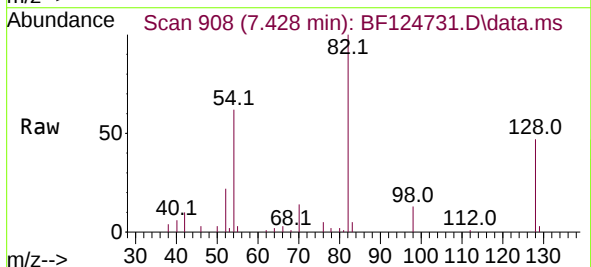
Instrument :
BNA_F
ClientSampled :

Tgt Ion:136	Resp:	26715
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	8.7	6.4 9.6
68	4.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 66.72 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion: 82	Resp:	29948
Ion Ratio	Lower	Upper
82	100	
128	46.5	40.6 60.8
54	61.8	49.6 74.4

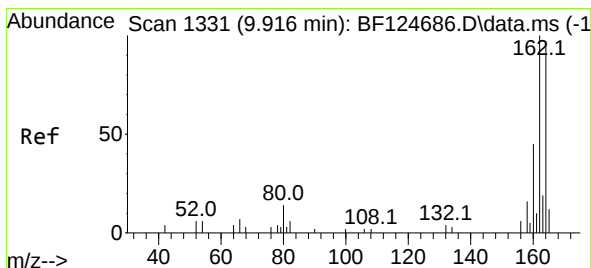
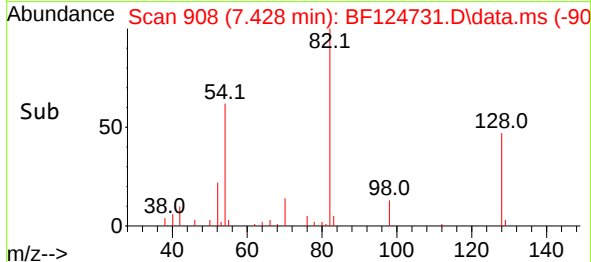
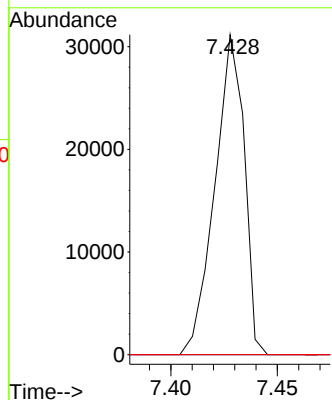
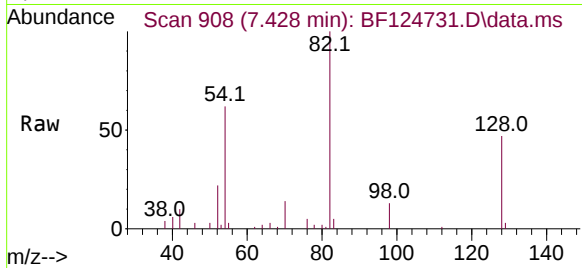




#25
Isophorone
Concen: 37.73 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

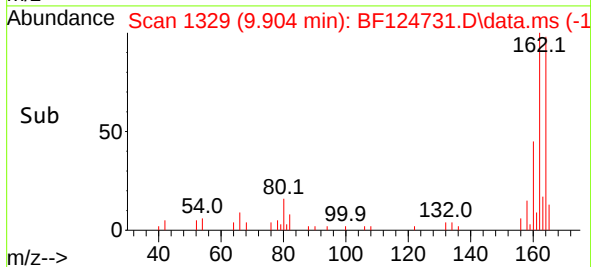
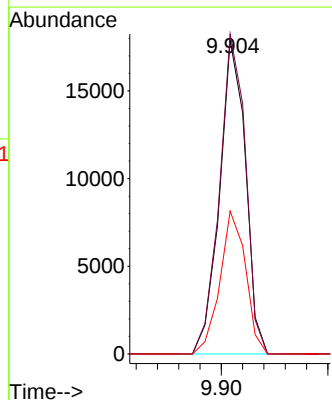
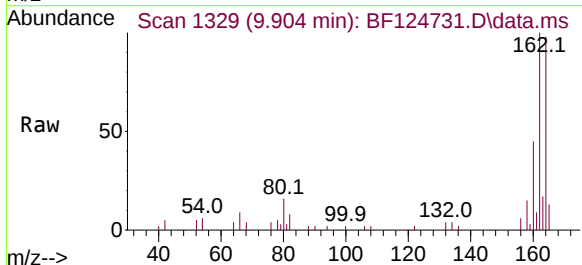
Instrument :
BNA_F
ClientSampleId :

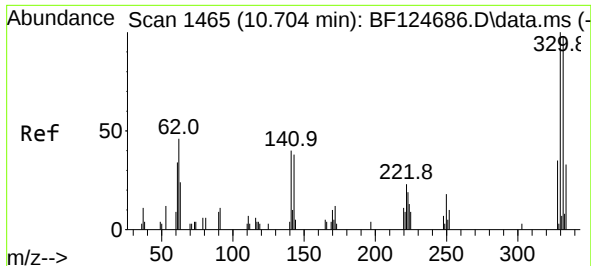
Tgt Ion: 82 Resp: 29947
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion: 164 Resp: 15095
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.5 38.0 57.0

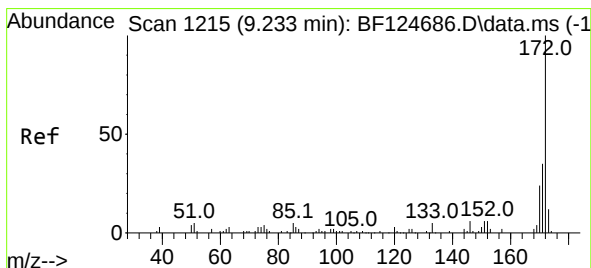
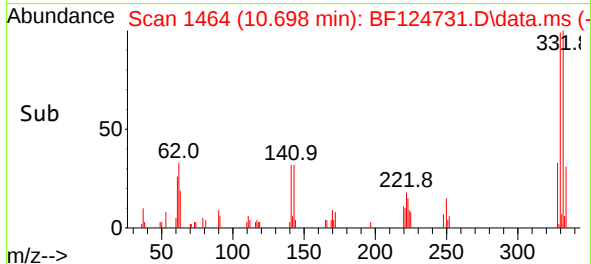
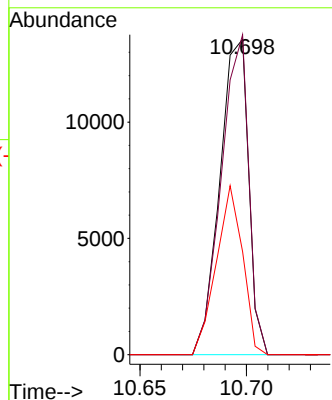
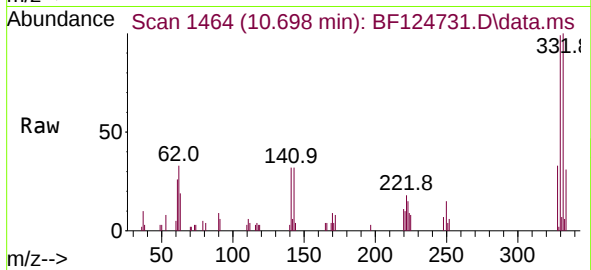




#42
2,4,6-Tribromophenol
Concen: 98.48 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

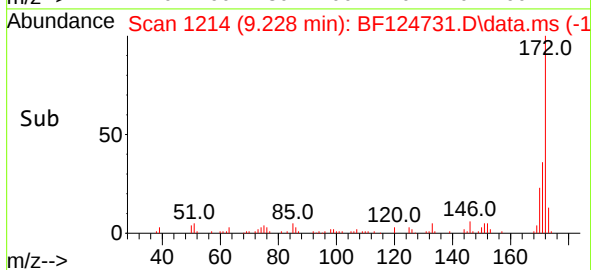
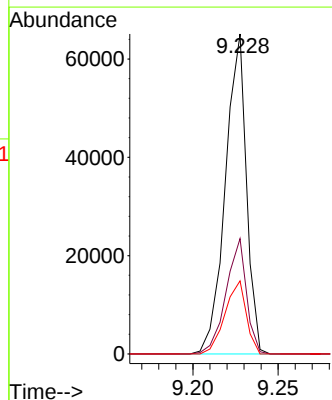
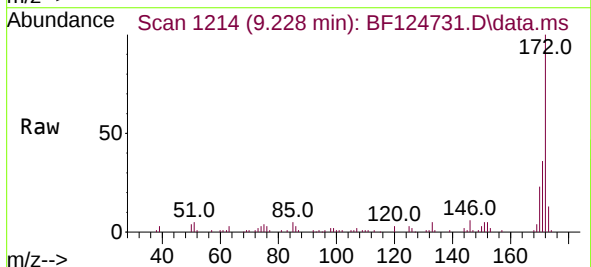
Instrument :
BNA_F
ClientSampleId :

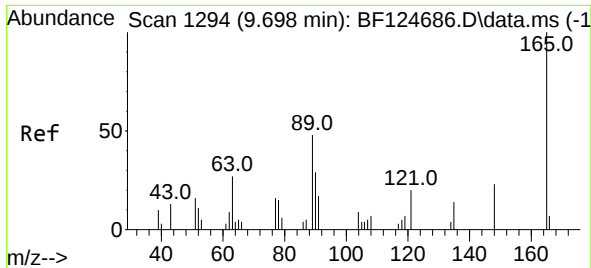
Tgt Ion: 330 Resp: 12764
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 49.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 54.52 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion: 172 Resp: 56028
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 22.8 18.8 28.2

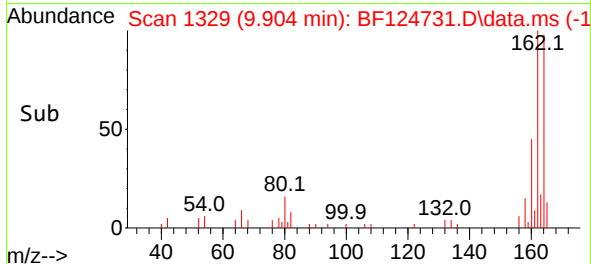
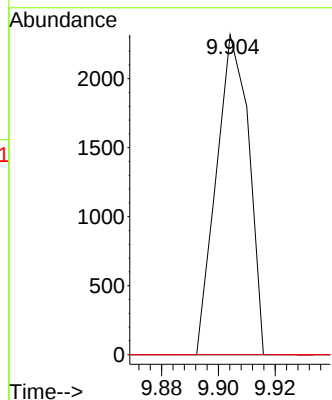
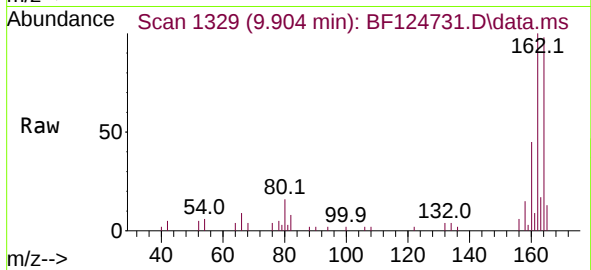




#51
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

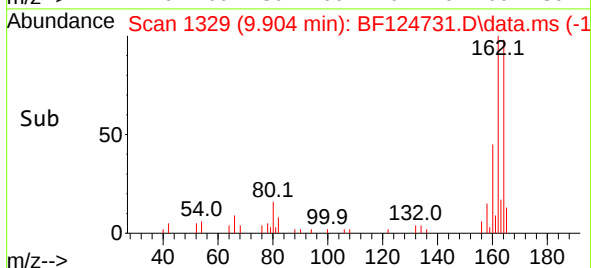
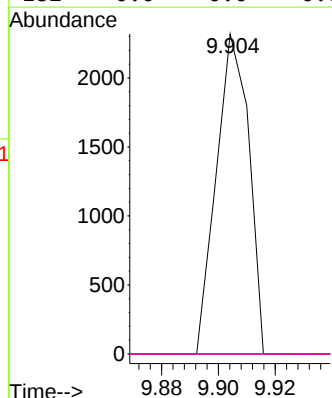
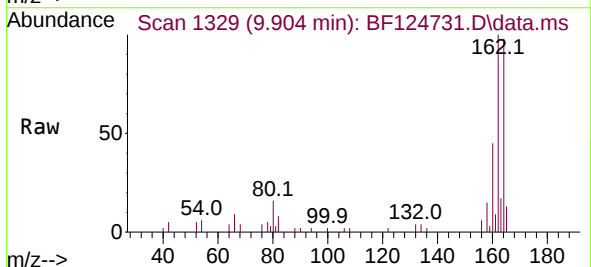
Instrument :
BNA_F
ClientSampleId :

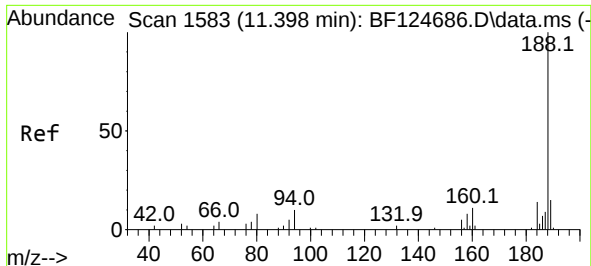
Tgt Ion:165 Resp: 1841
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:165 Resp: 1841
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

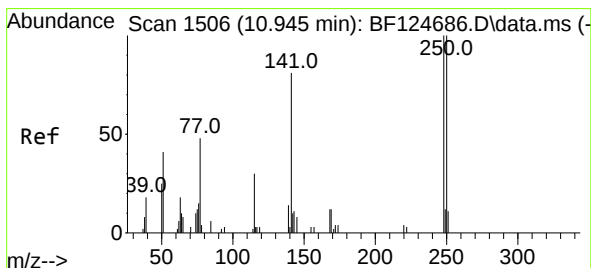
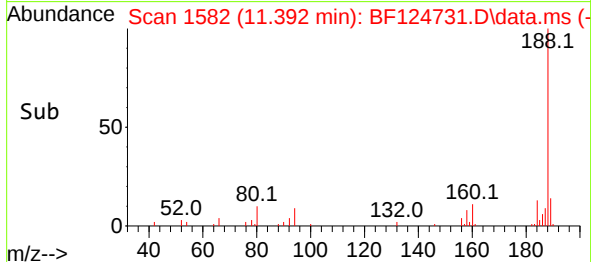
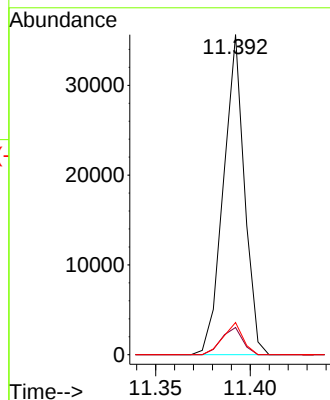
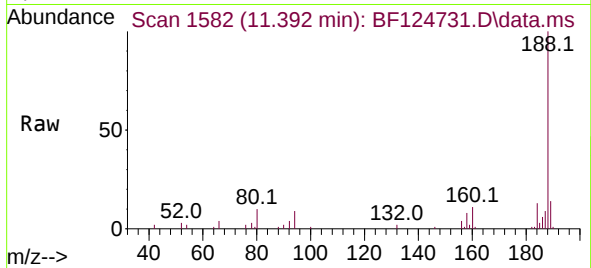




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

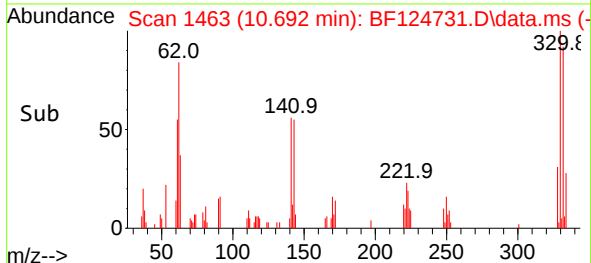
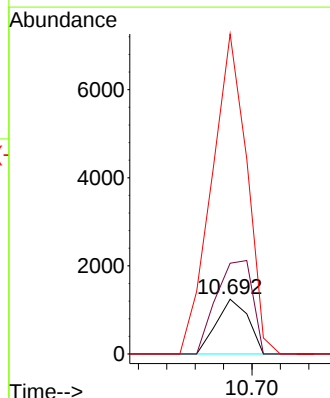
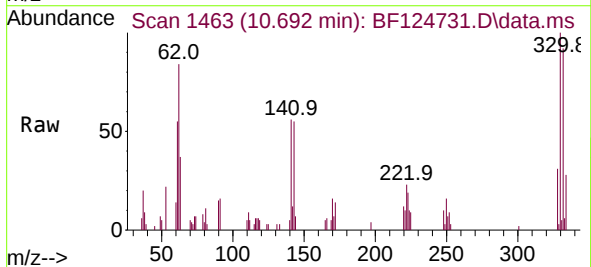
Instrument :
BNA_F
ClientSampleId :

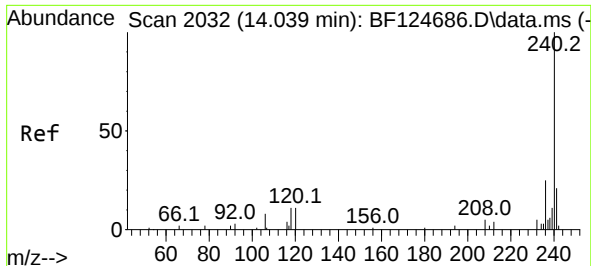
Tgt Ion:188 Resp: 27439
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:248 Resp: 967
Ion Ratio Lower Upper
248 100
250 165.7 74.2 111.4#
141 584.9 60.4 90.6#

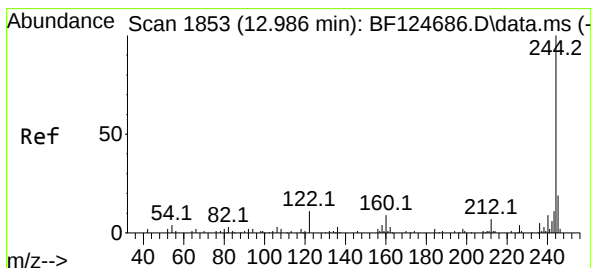
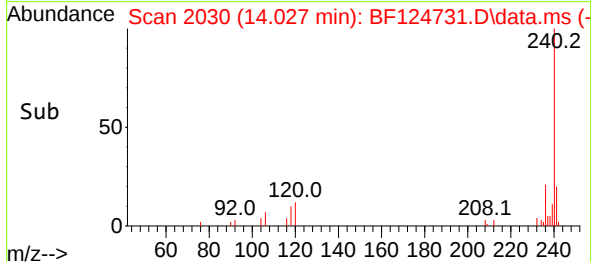
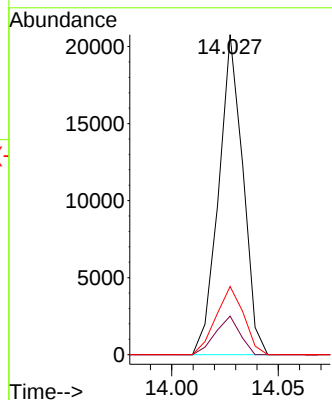
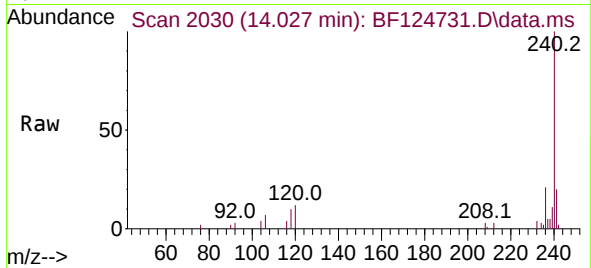




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

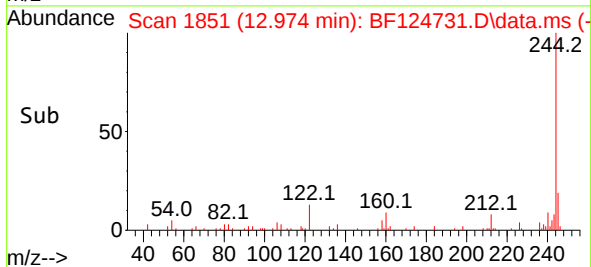
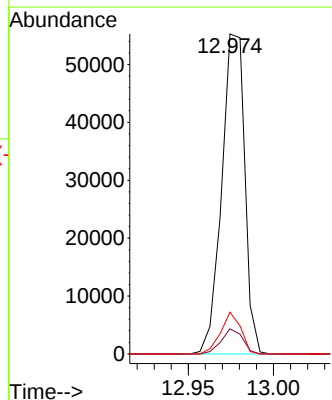
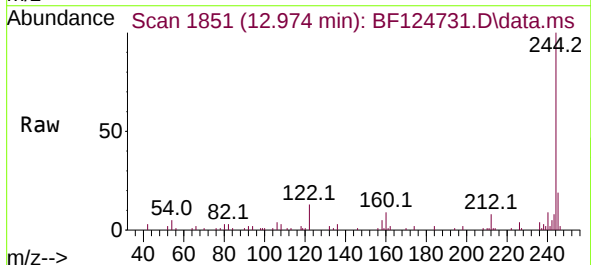
Instrument :
BNA_F
ClientSampleId :

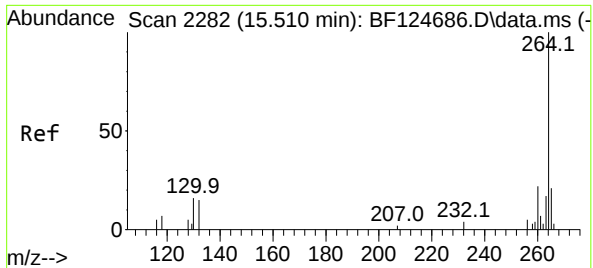
Tgt Ion:240 Resp: 16428
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 21.3 21.6 32.4#



#79
Terphenyl-d14
Concen: 54.26 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124731.D
Acq: 24 Jul 2021 1:09

Tgt Ion:244 Resp: 51999
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 13.0 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: BF124731.D
 Acq: 24 Jul 2021 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	13298
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.6 29.4
265	20.8	17.2 25.8

