

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124727.D
 Acq On : 23 Jul 2021 22:58
 Operator : JU/CG
 Sample : M3110-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Jul 23 23:30:43 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)

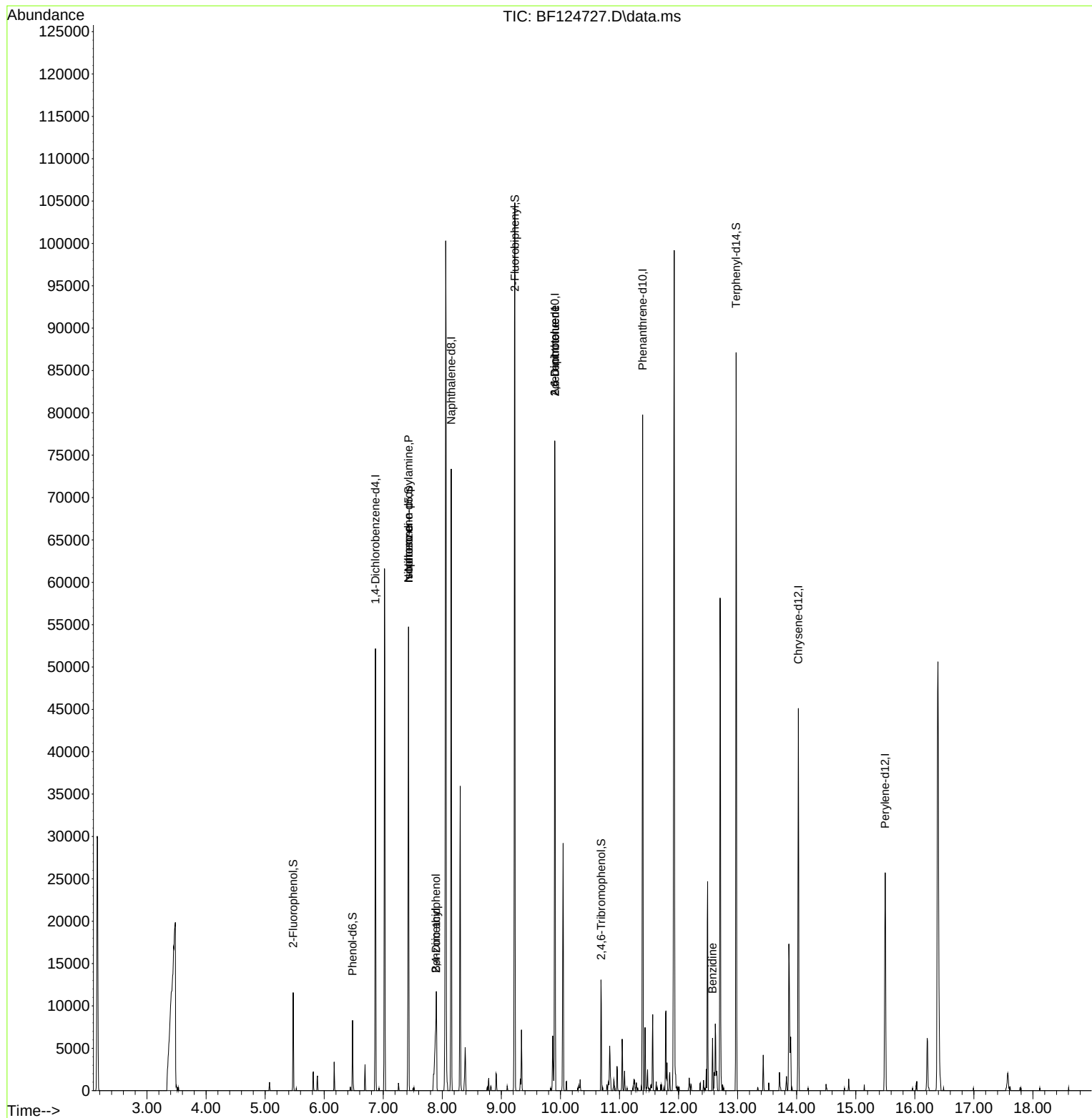
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7596	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	29454	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	15871	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	27724	20.00	ng	0.00
76) Chrysene-d12	14.027	240	15352	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12897	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3539	7.89	ng	0.00
7) Phenol-d6	6.481	99	2674	4.75	ng	-0.02
23) Nitrobenzene-d5	7.428	82	14879	30.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	1645	12.07	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	33145	30.67	ng	0.00
79) Terphenyl-d14	12.974	244	29796	33.27	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	2032	6.77	ng	Qvalue # 69
25) Isophorone	7.428	82	14879	17.00	ng	# 59
27) 2,4-Dimethylphenol	7.892	122	4919	11.90	ng	# 7
32) Benzoic acid	7.892	122	4919	15.37	ng	97
51) 2,6-Dinitrotoluene	9.904	165	2143	8.88	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	2143	6.54	ng	# 18
77) Benzidine	12.574	184	997	2.30	ng	# 69

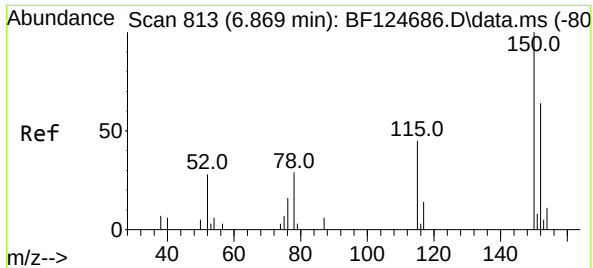
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

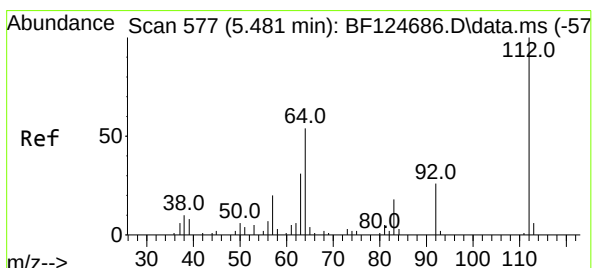
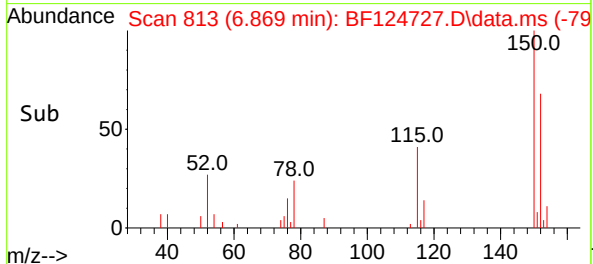
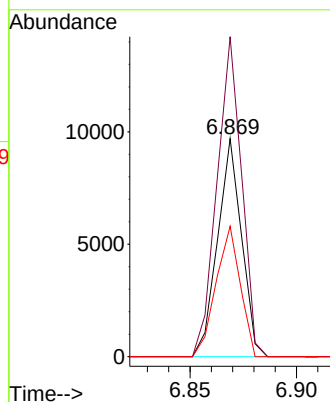
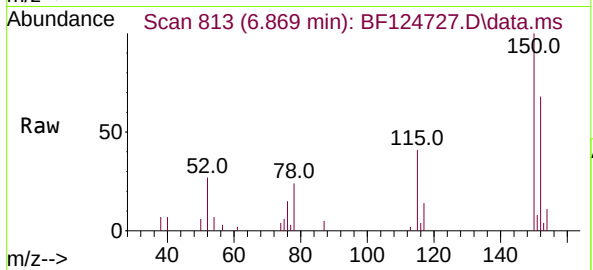




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

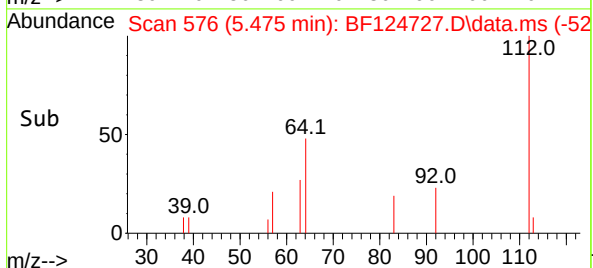
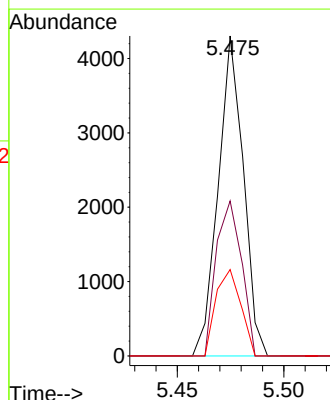
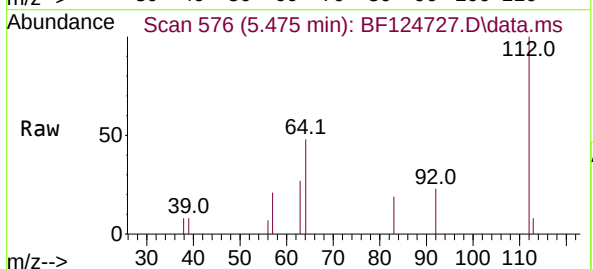
Instrument :
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ClientSampleId :
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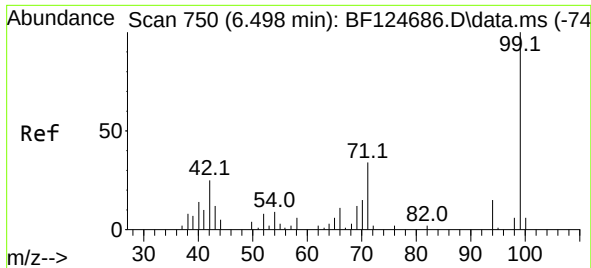
Tgt Ion:152 Resp: 7596
Ion Ratio Lower Upper
152 100
150 146.7 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 7.89 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:112 Resp: 3539
Ion Ratio Lower Upper
112 100
64 48.5 44.2 66.2
63 27.0 26.2 39.2

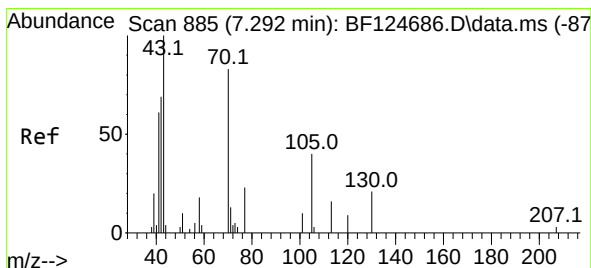
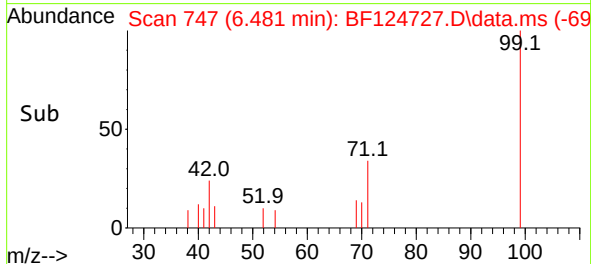
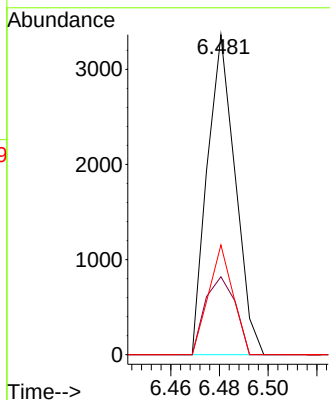
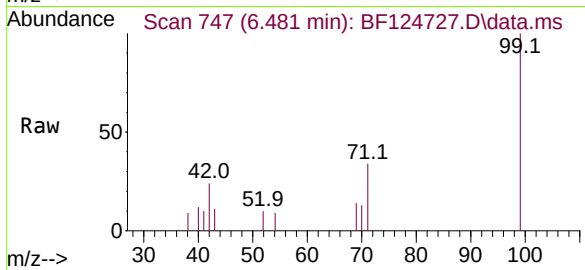




#7
Phenol-d6
Concen: 4.75 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

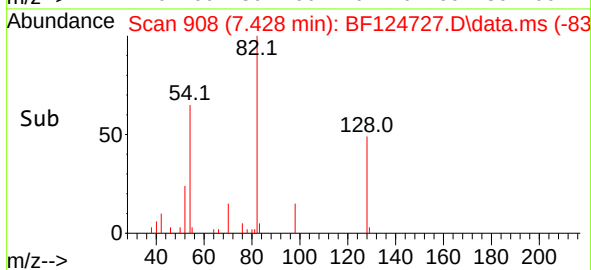
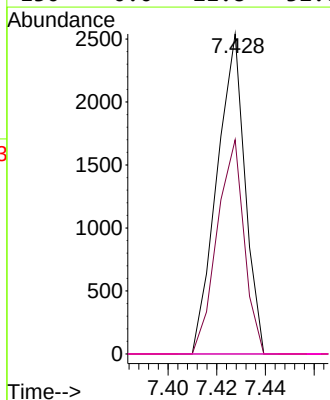
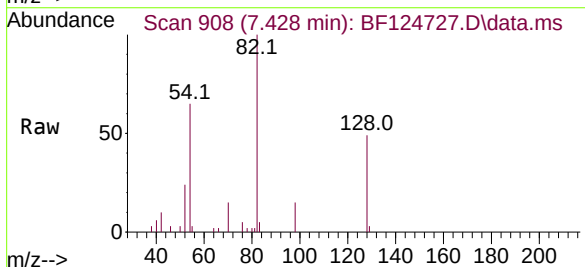
Instrument :
BNA_F
ClientSampleId :
MANHOLE

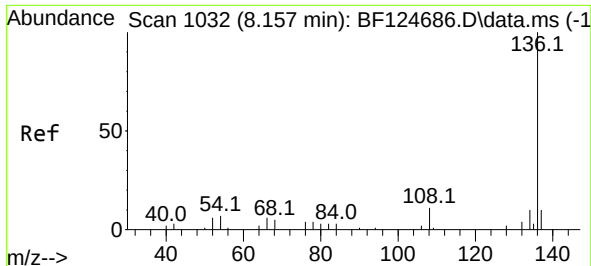
Tgt Ion:	99	Resp:	2674
Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	34.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.77 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:	70	Resp:	2032
Ion	Ratio	Lower	Upper
70	100		
42	66.9	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

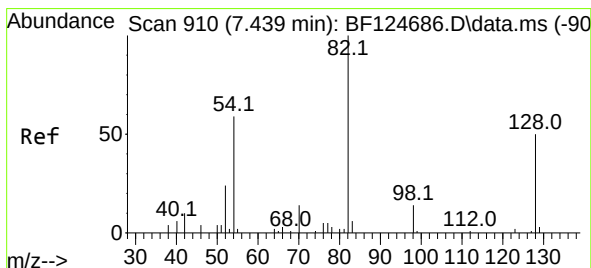
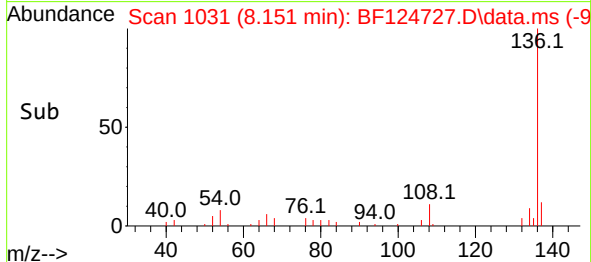
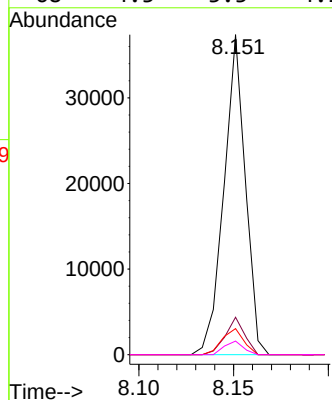
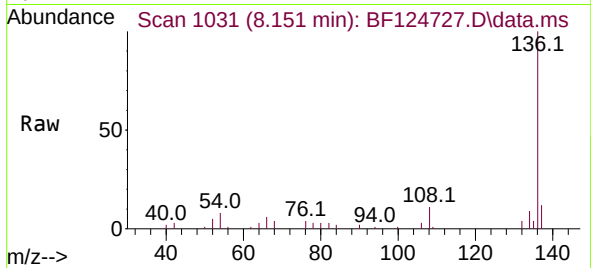




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

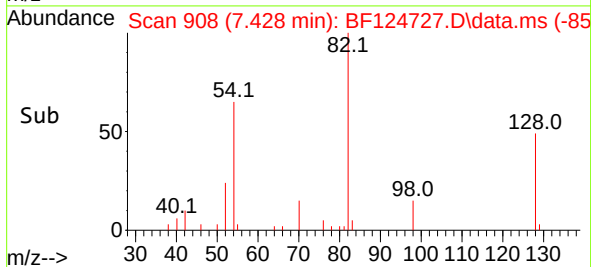
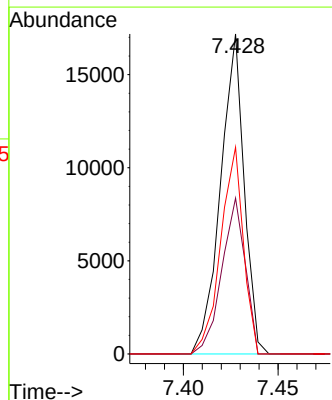
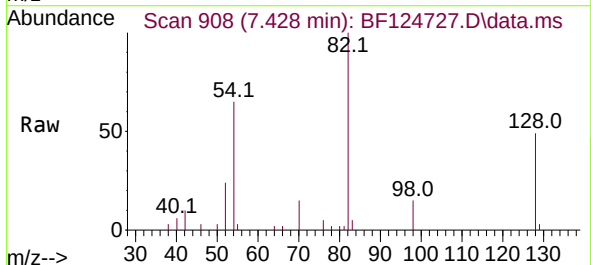
Instrument :
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ClientSampleId :
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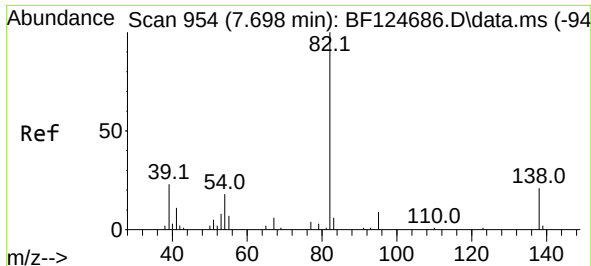
Tgt Ion:	136	Resp:	29454
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	8.2	6.4	9.6
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 30.07 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:	82	Resp:	14879
Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.6	60.8
54	64.6	49.6	74.4

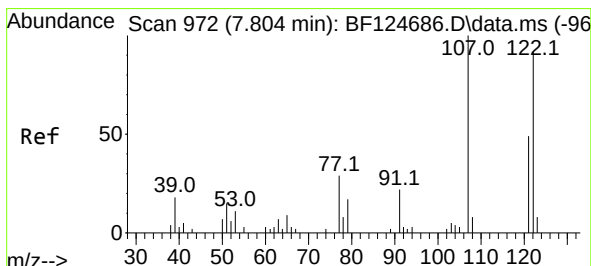
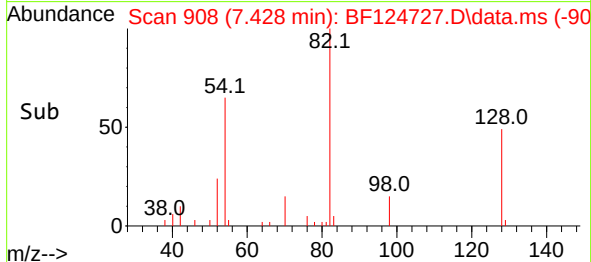
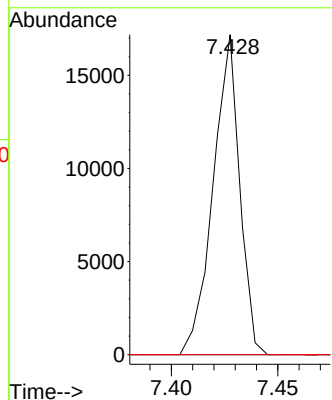
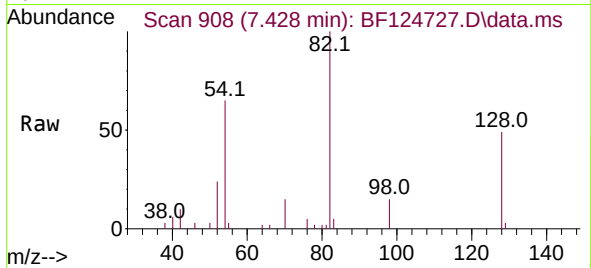




#25
Isophorone
Concen: 17.00 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

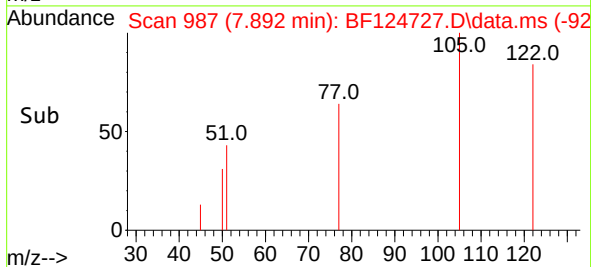
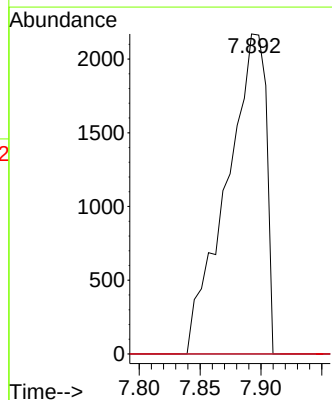
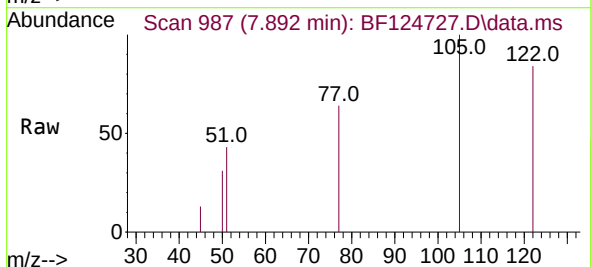
Instrument :
BNA_F
ClientSampleId :
MANHOLE

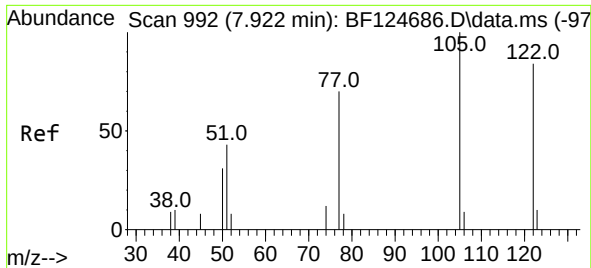
Tgt Ion: 82 Resp: 14879
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 11.90 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.088 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion: 122 Resp: 4919
Ion Ratio Lower Upper
122 100
107 0.0 85.0 127.6#
121 0.0 43.3 64.9#

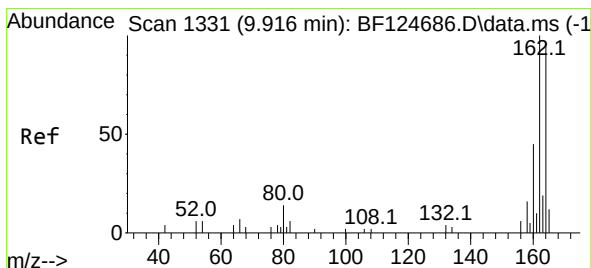
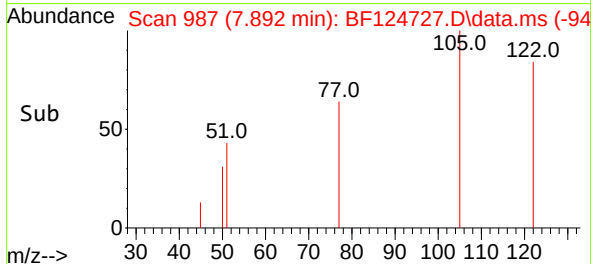
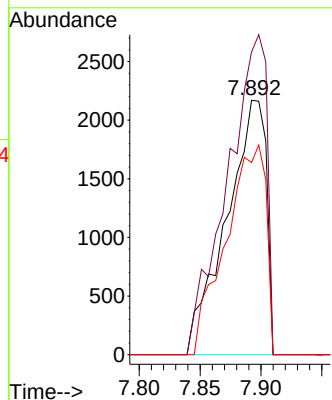
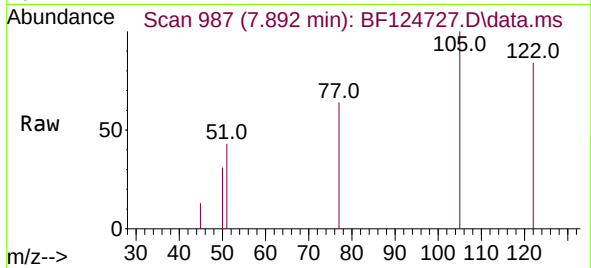




#32
Benzoic acid
Concen: 15.37 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.030 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

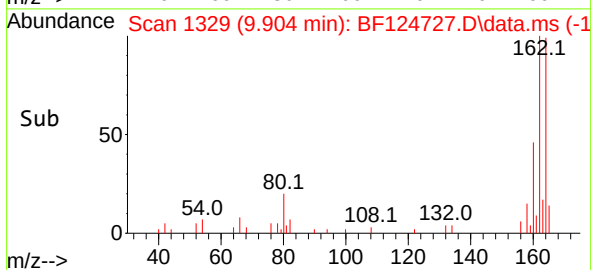
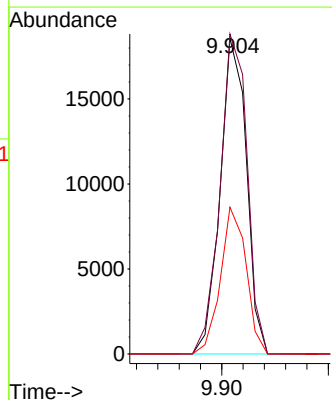
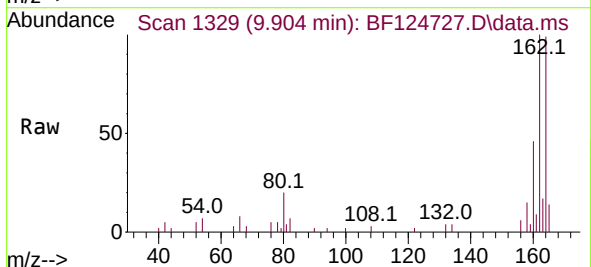
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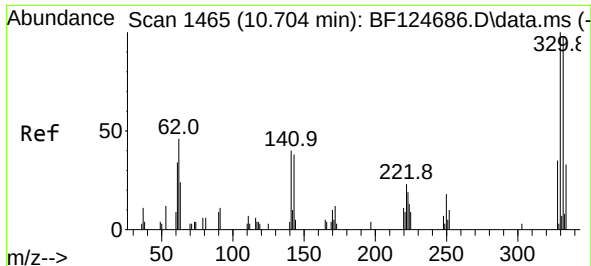
Tgt Ion:122	Resp:	4919
Ion Ratio	Lower	Upper
122	100	
105	118.9	97.6 137.6
77	75.5	59.6 99.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:164	Resp:	15871
Ion Ratio	Lower	Upper
164	100	
162	101.3	81.3 121.9
160	46.4	38.0 57.0

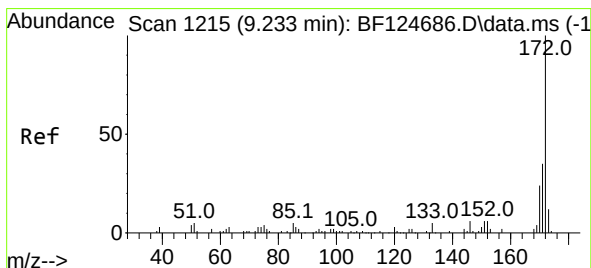
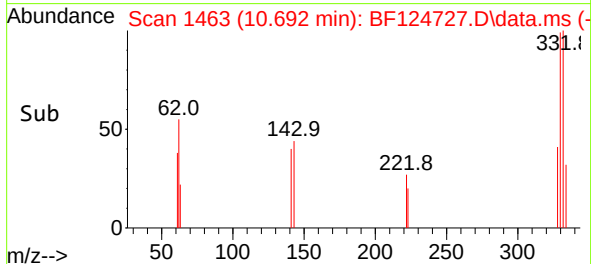
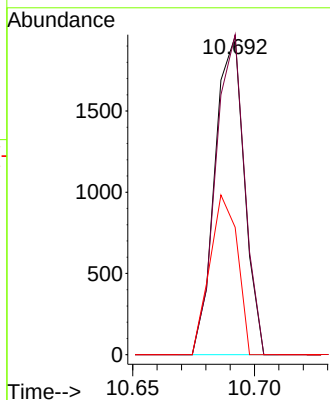
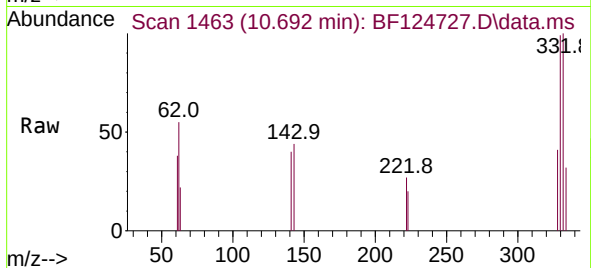




#42
2,4,6-Tribromophenol
Concen: 12.07 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

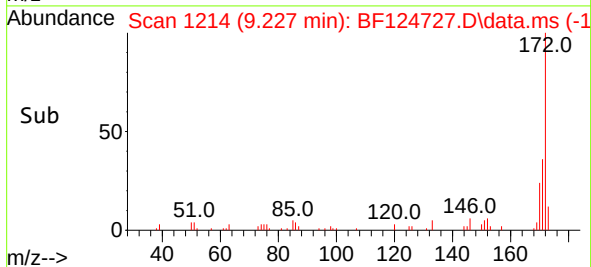
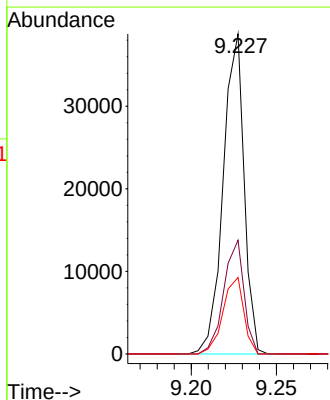
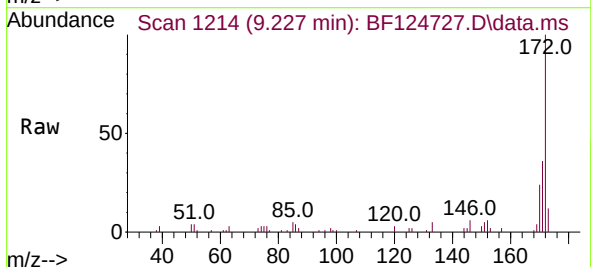
Instrument :
BNA_F
ClientSampleId :
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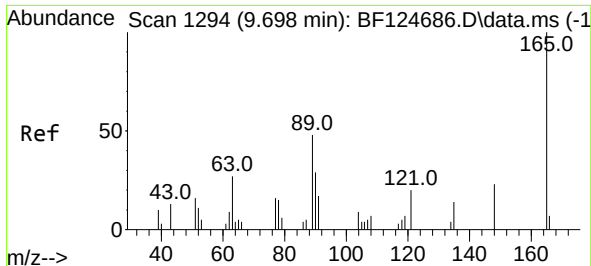
Tgt Ion: 330 Resp: 1645
Ion Ratio Lower Upper
330 100
332 98.9 76.2 114.4
141 47.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 30.67 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion: 172 Resp: 33145
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.9 18.8 28.2

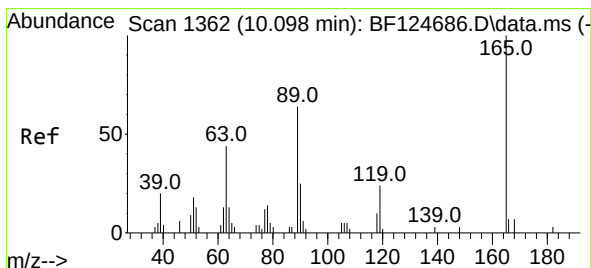
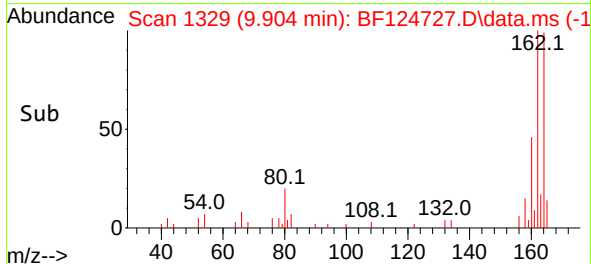
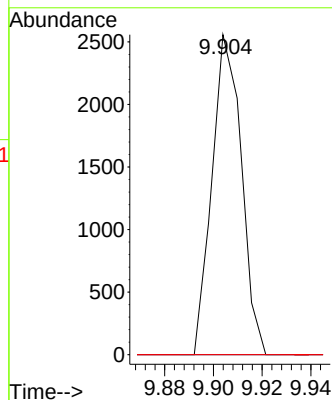
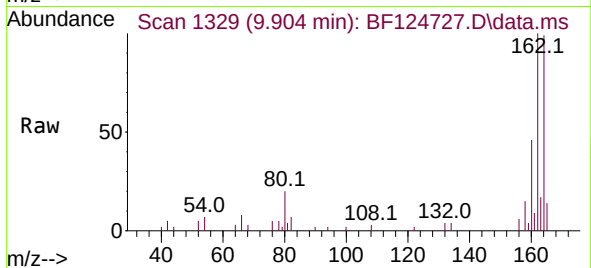




#51
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

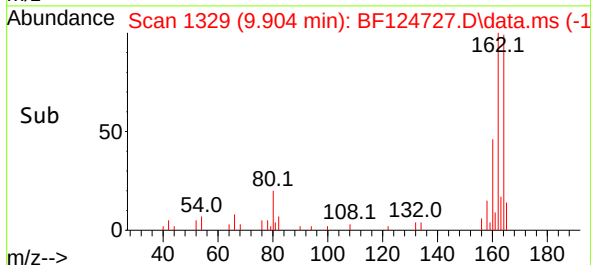
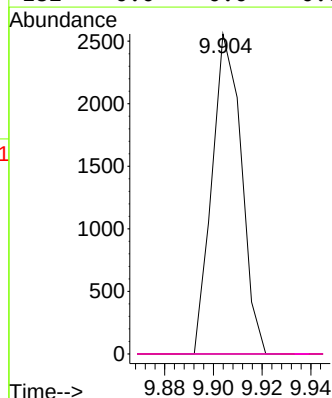
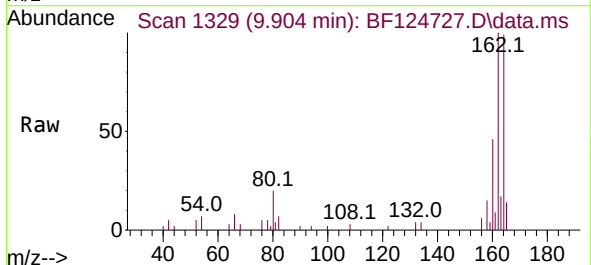
Instrument :
BNA_F
ClientSampleId :
MANHOLE

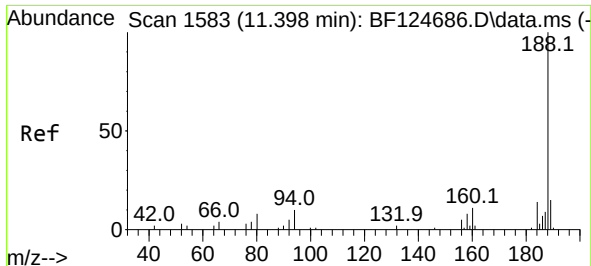
Tgt Ion:165 Resp: 2143
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:165 Resp: 2143
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

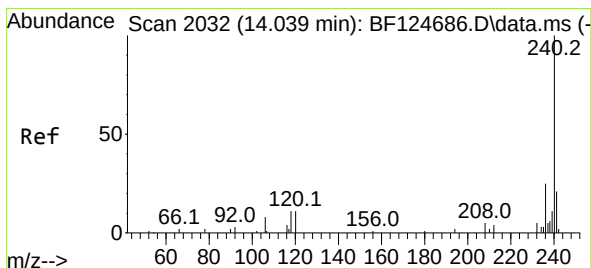
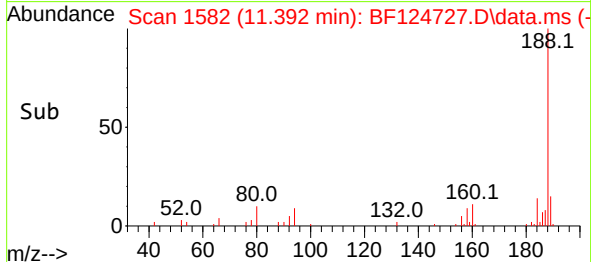
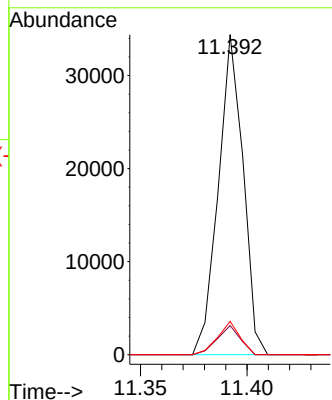
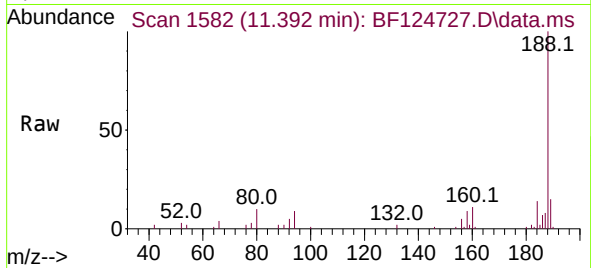




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

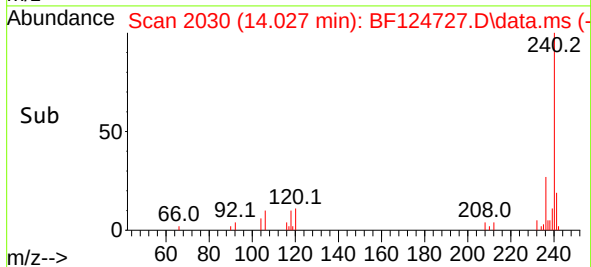
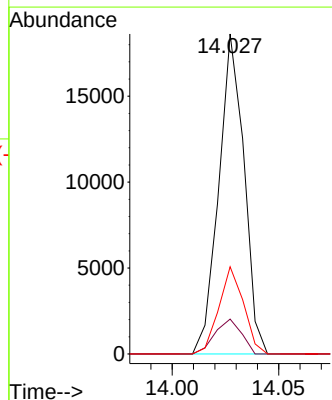
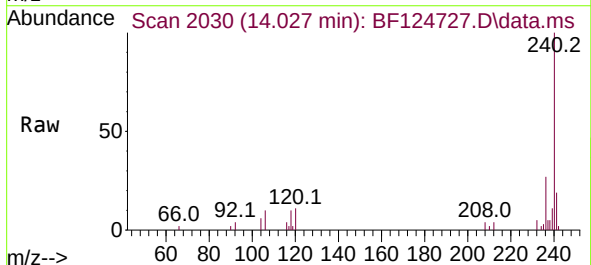
Instrument :
BNA_F
ClientSampleId :
MANHOLE

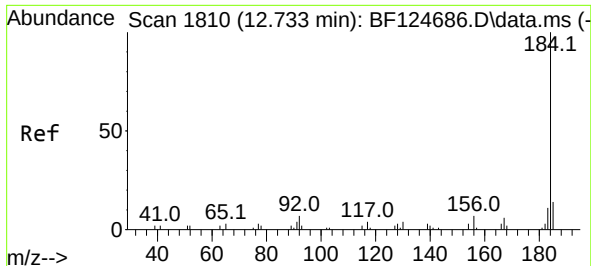
Tgt Ion:188 Resp: 27724
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:240 Resp: 15352
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 27.2 21.6 32.4

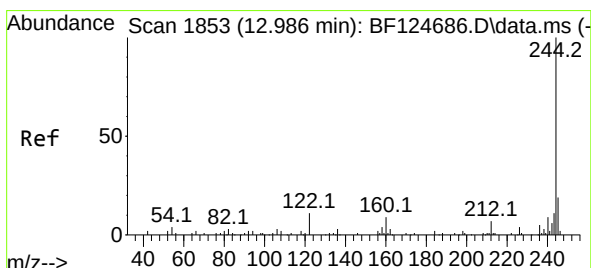
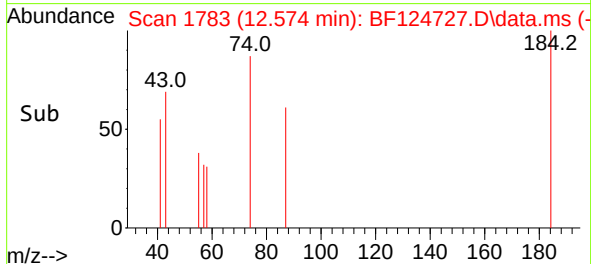
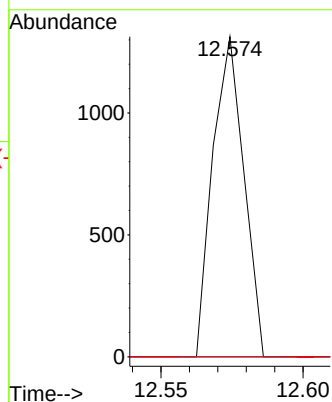
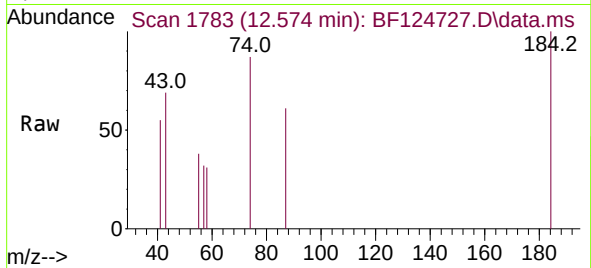




#77
Benzidine
Concen: 2.30 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.159 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

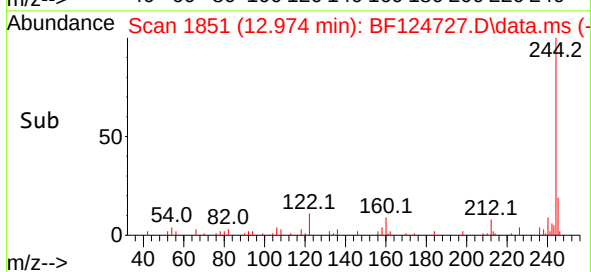
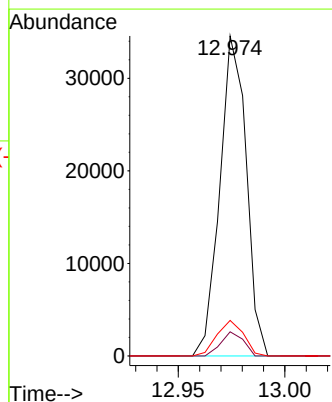
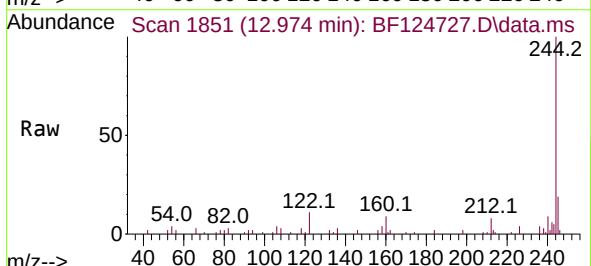
Instrument :
BNA_F
ClientSampleId :
MANHOLE

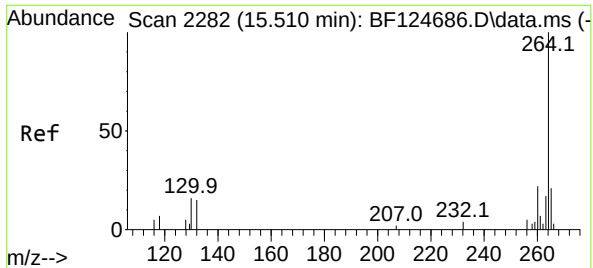
Tgt Ion:184 Resp: 997
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 33.27 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124727.D
Acq: 23 Jul 2021 22:58

Tgt Ion:244 Resp: 29796
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 11.1 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: BF124727.D
 Acq: 23 Jul 2021 22:58

Instrument :
 BNA_F
 ClientSampled :
 MANHOLE

Tgt Ion:264	Resp:	12897
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.6 29.4
265	22.9	17.2 25.8

