

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124574.D
 Acq On : 15 Jul 2021 16:05
 Operator : JU/CG
 Sample : M3048-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA1-AA1A-BB1-BB1A

Quant Time: Jul 15 16:49:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

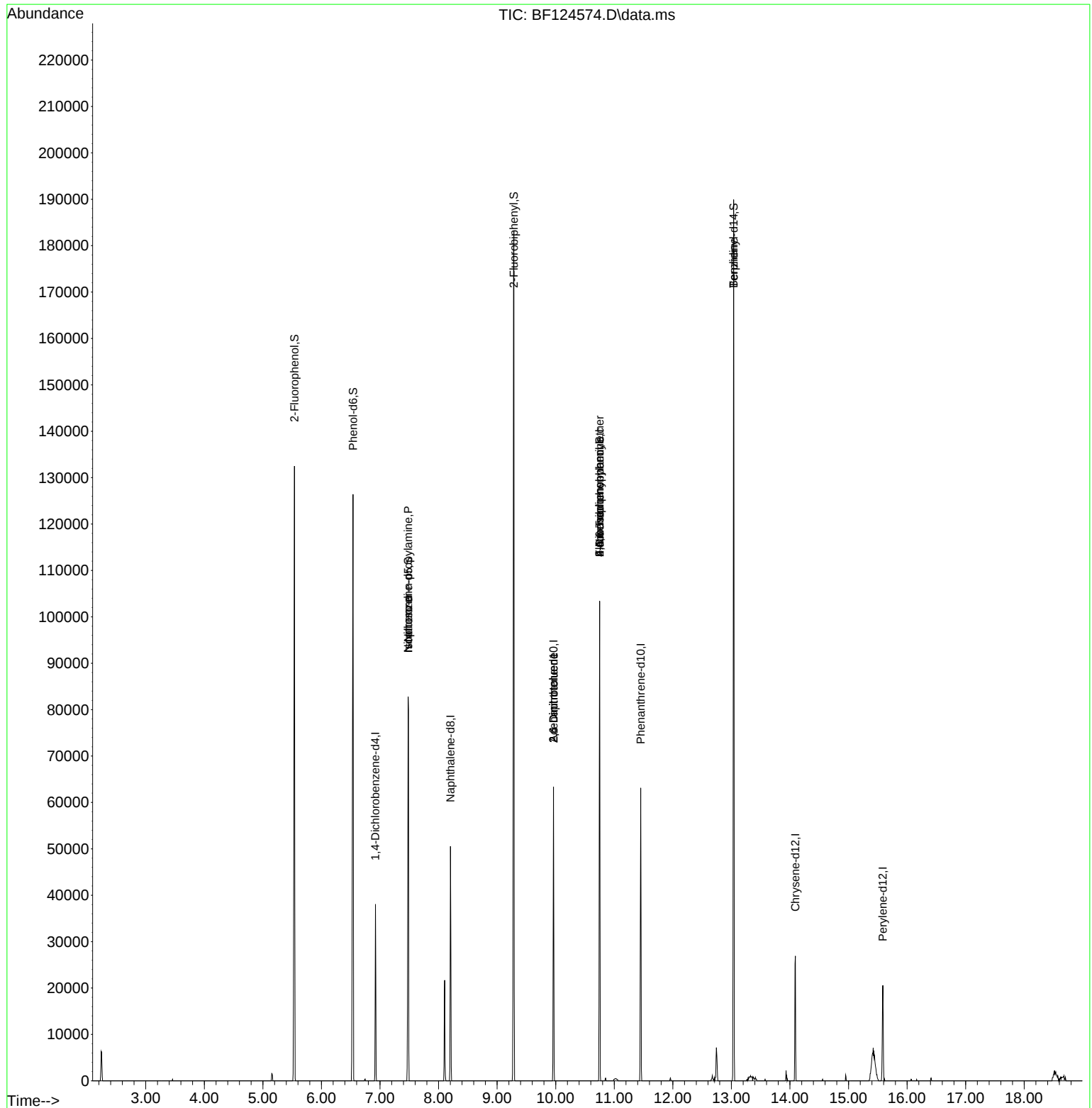
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	5362	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	22058	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	12022	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	21902	20.000	ng	0.00
76) Chrysene-d12	14.092	240	11100	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	11042	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	35061	113.289	ng	0.00
7) Phenol-d6	6.540	99	41929	111.370	ng	0.00
23) Nitrobenzene-d5	7.481	82	25516	73.023	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	8719	93.198	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	61476	74.569	ng	0.00
79) Terphenyl-d14	13.039	244	59285	89.686	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	3559	16.814	ng	# 73
25) Isophorone	7.481	82	25515	39.777	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1470	8.915	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1470	6.512	ng	# 18
58) Fluorene	10.751	166	357	0.439	ng	# 68
66) n-Nitrosodiphenylamine	10.751	169	164	0.230	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	658	2.905	ng	# 1
77) Benzidine	13.039	184	955	2.301	ng	# 69

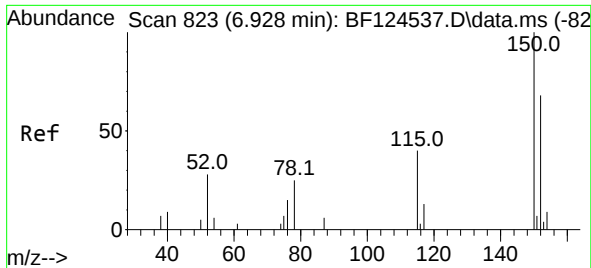
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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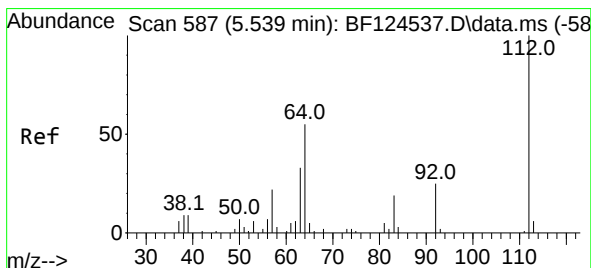
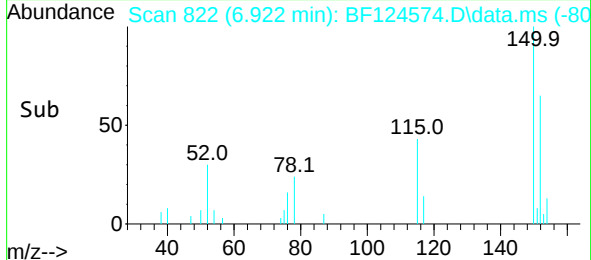
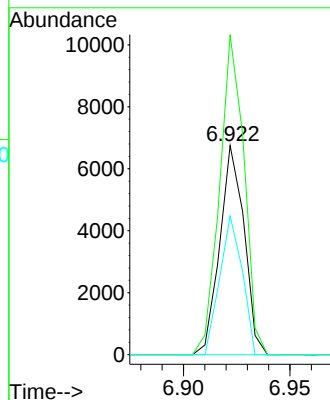
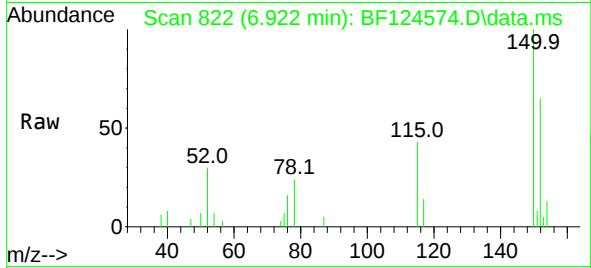




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

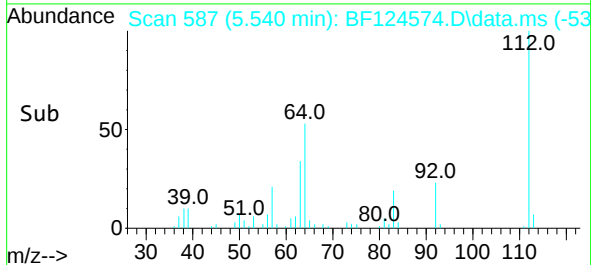
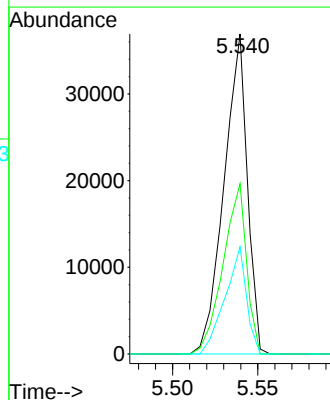
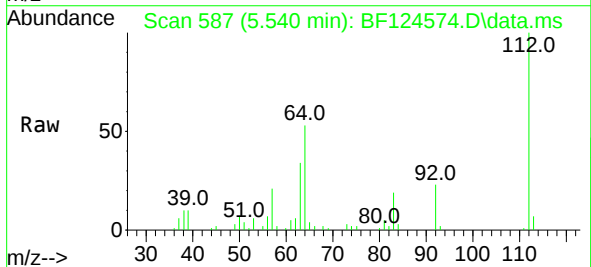
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

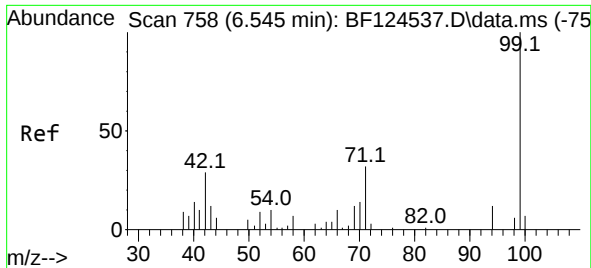
Tgt Ion:152 Resp: 5362
Ion Ratio Lower Upper
152 100
150 153.0 117.6 176.4
115 66.3 47.1 70.7



#5
2-Fluorophenol
Concen: 113.289 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.001 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion:112 Resp: 35061
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 33.5 26.2 39.2

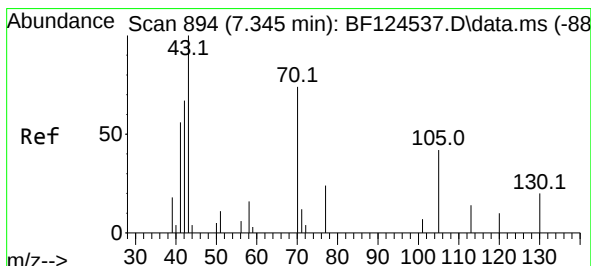
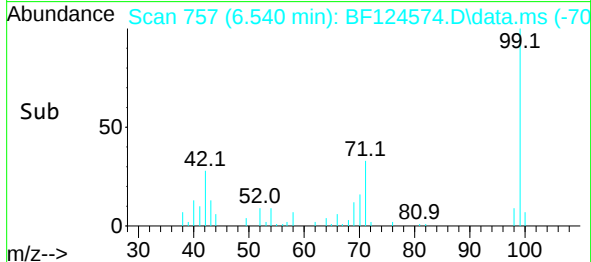
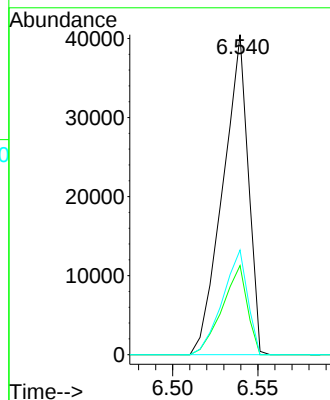
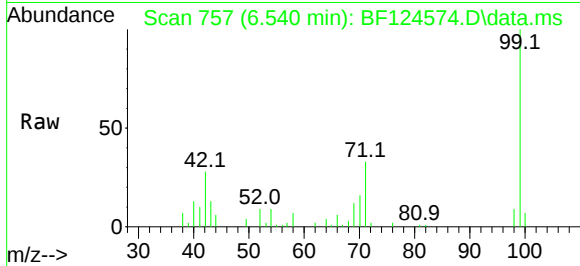




#7
Phenol-d6
Concen: 111.370 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.005 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

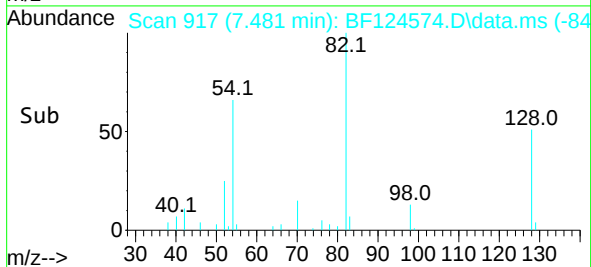
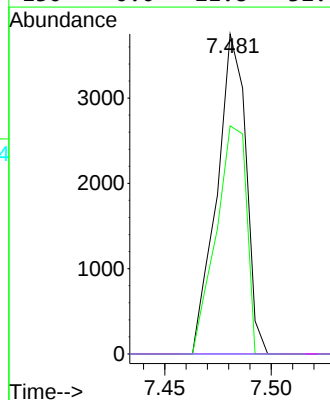
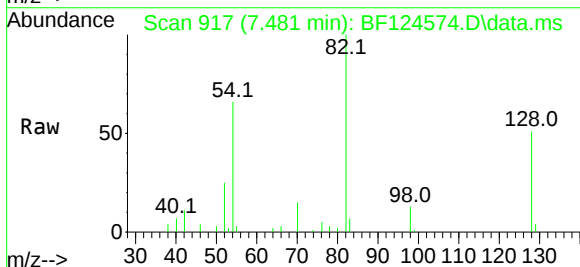
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

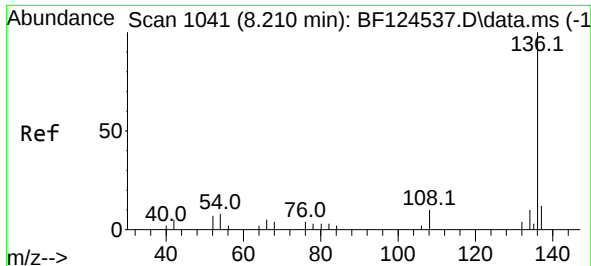
Tgt Ion:	99	Resp:	41929
Ion	Ratio	Lower	Upper
99	100		
42	27.9	23.5	35.3
71	32.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.814 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.135 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion:	70	Resp:	3559
Ion	Ratio	Lower	Upper
70	100		
42	71.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

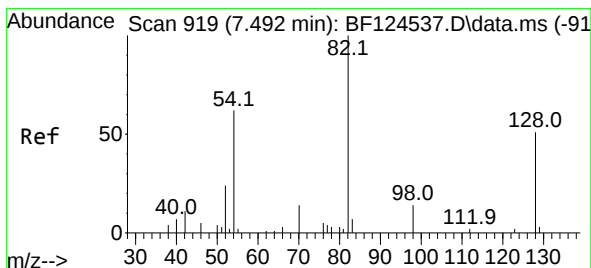
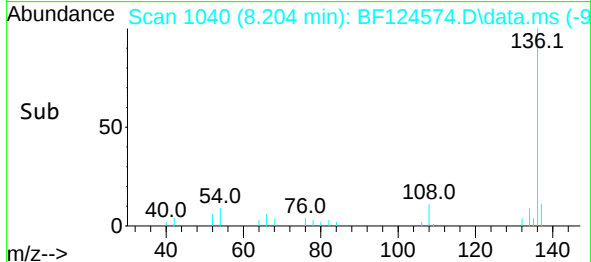
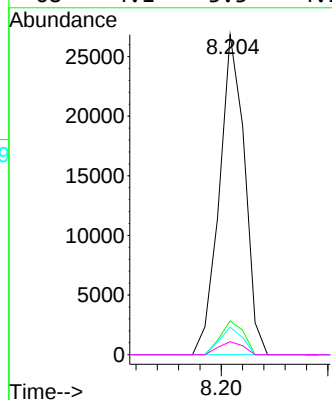
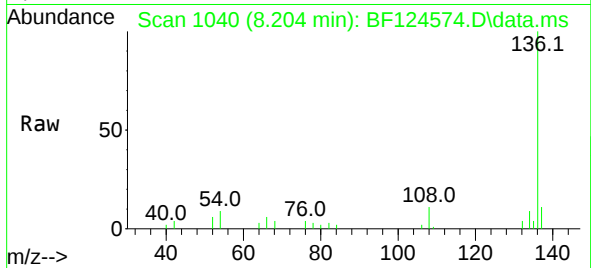




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

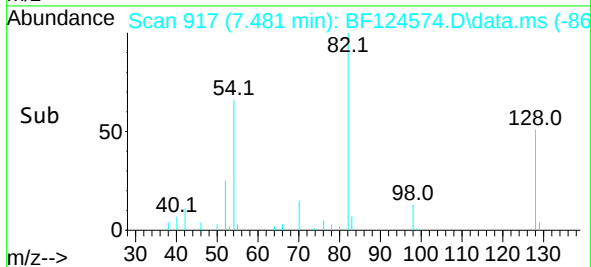
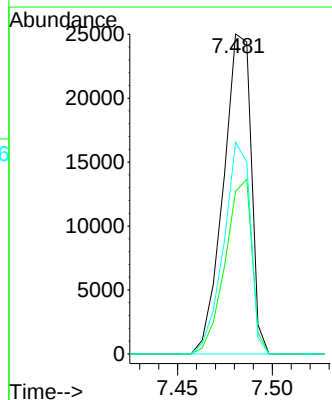
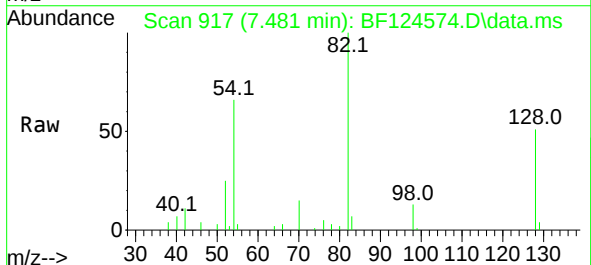
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

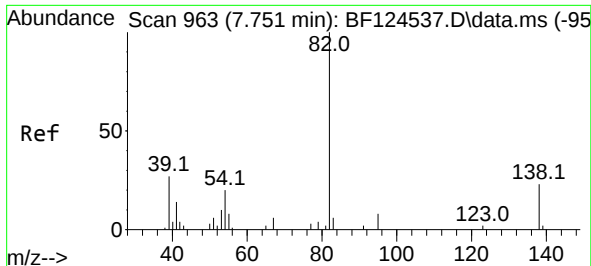
Tgt Ion:136	Resp:	22058
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.6
54	8.6	6.4 9.6
68	4.1	3.3 4.9



#23
Nitrobenzene-d5
Concen: 73.023 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion: 82	Resp:	25516
Ion Ratio	Lower	Upper
82	100	
128	50.8	40.6 60.8
54	66.2	49.6 74.4

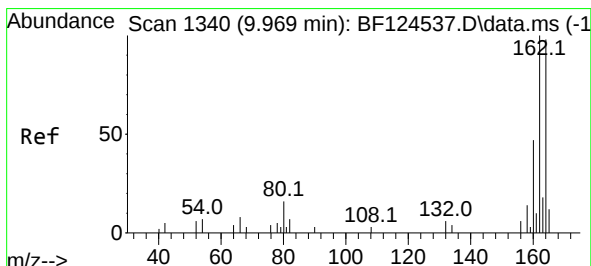
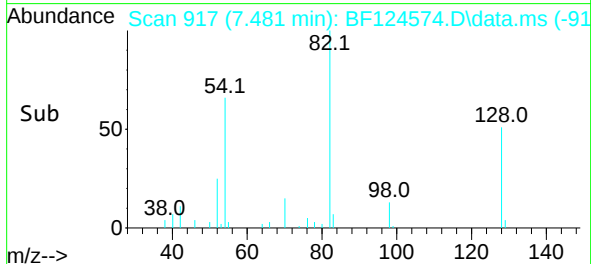
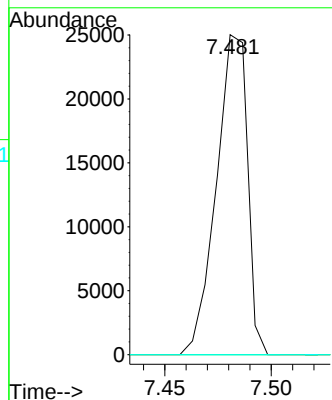
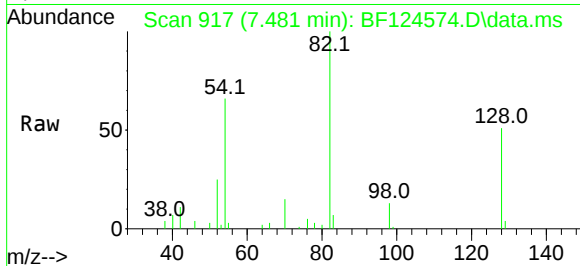




#25
Isophorone
Concen: 39.777 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.270 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

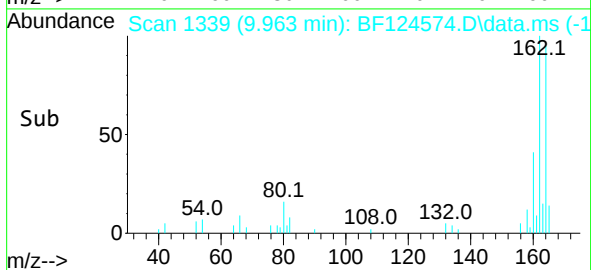
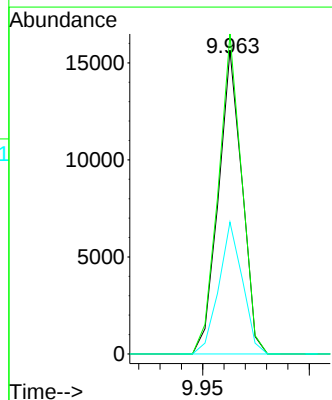
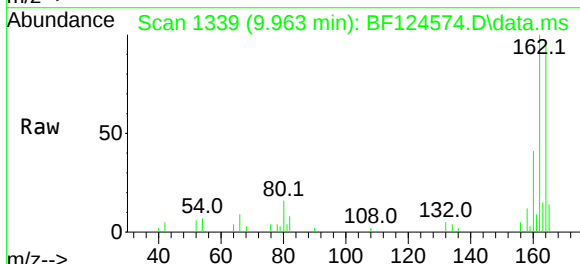
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

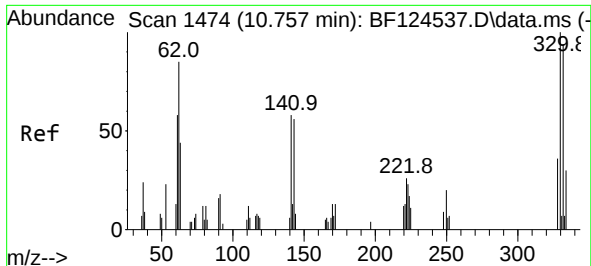
Tgt Ion: 82 Resp: 25515
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

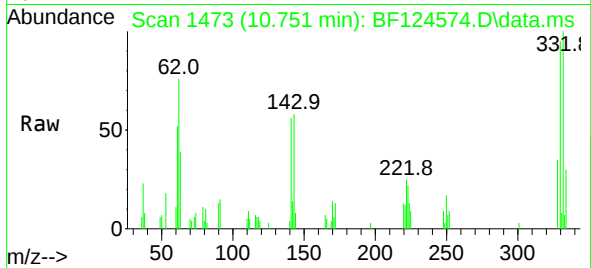
Tgt Ion: 164 Resp: 12022
Ion Ratio Lower Upper
164 100
162 105.3 81.3 121.9
160 43.4 38.0 57.0



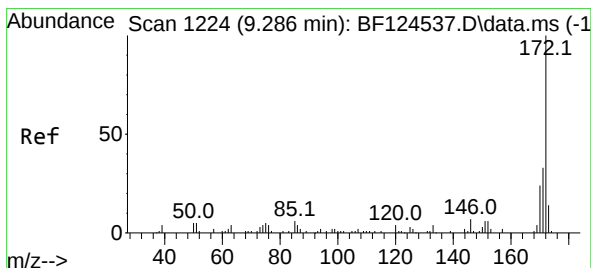
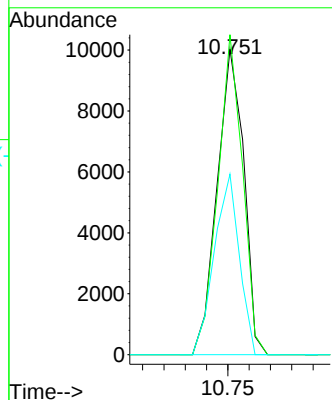
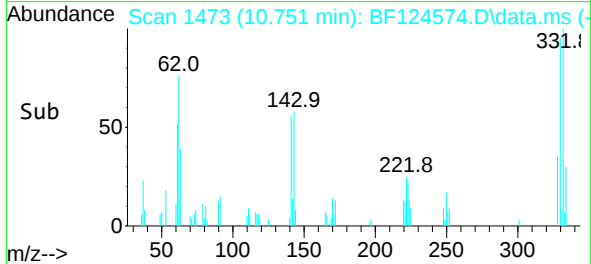


#42
2,4,6-Tribromophenol
Concen: 93.198 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

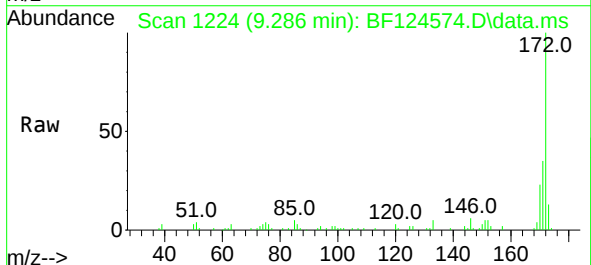
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A



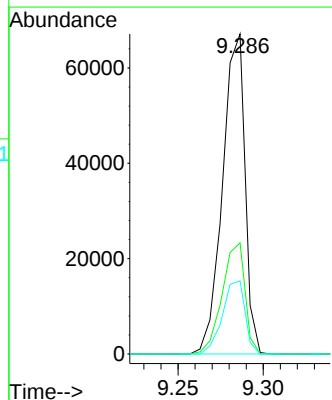
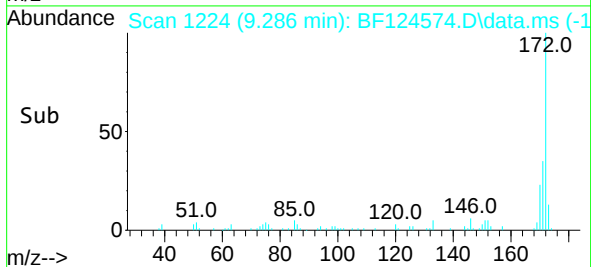
Tgt Ion: 330 Resp: 8719
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 55.4 44.6 66.8

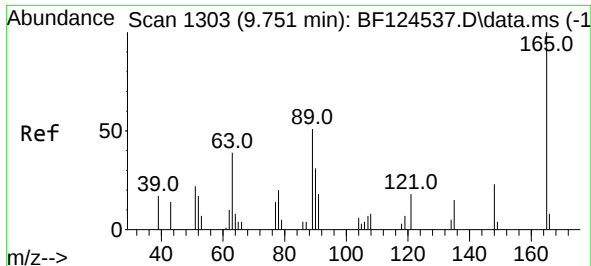


#45
2-Fluorobiphenyl
Concen: 74.569 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05



Tgt Ion: 172 Resp: 61476
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 22.8 18.8 28.2

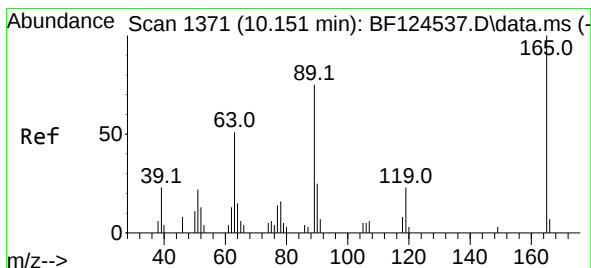
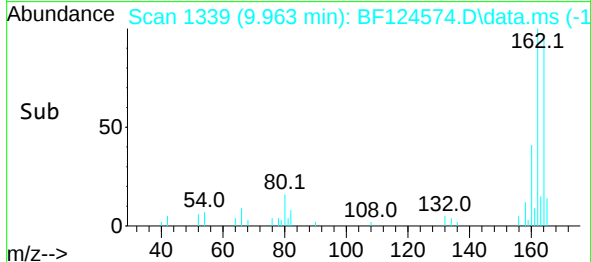
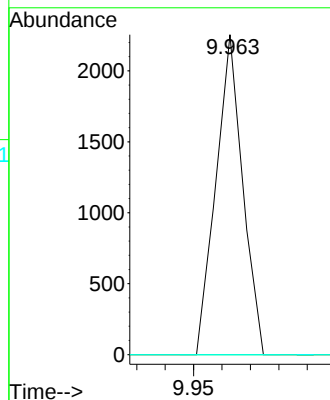
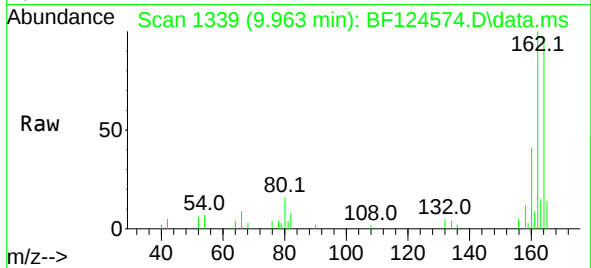




#51
2,6-Dinitrotoluene
Concen: 8.915 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

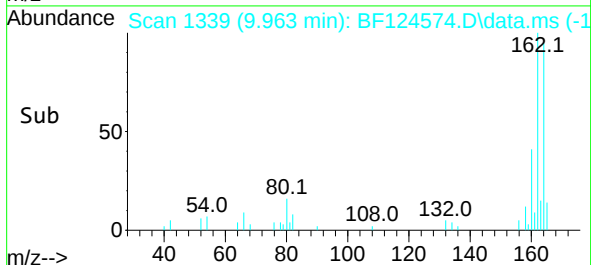
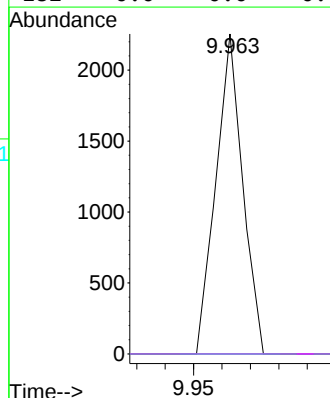
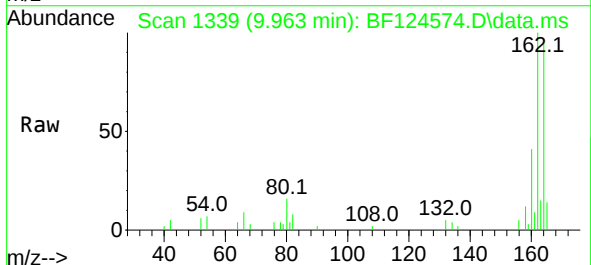
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FK-BPM-01-AA1-AA1A-BB1-BB1A

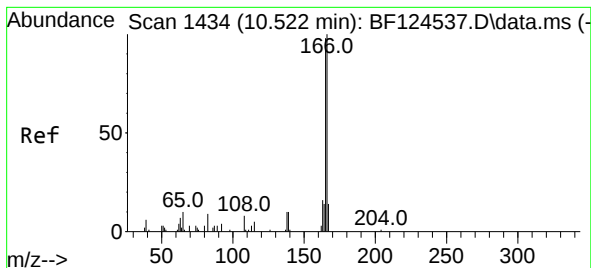
Tgt Ion:165 Resp: 1470
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.512 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion:165 Resp: 1470
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





#58

Fluorene

Concen: 0.439 ng

RT: 10.751 min Scan# 1473

Delta R.T. 0.229 min

Lab File: BF124574.D

Acq: 15 Jul 2021 16:05

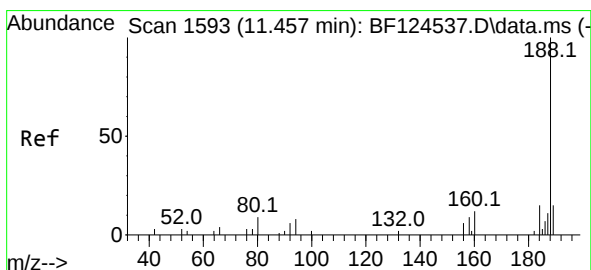
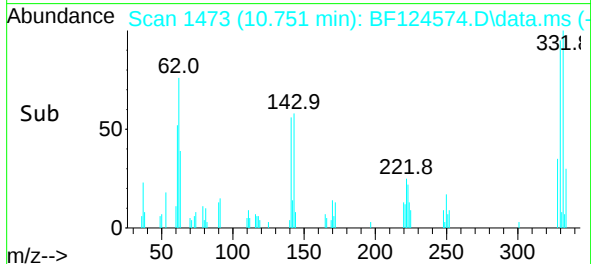
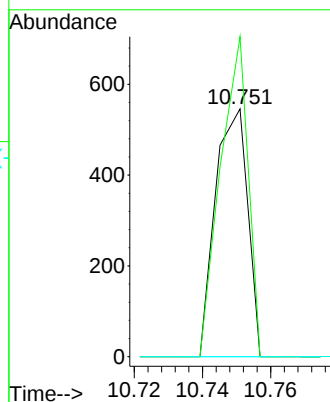
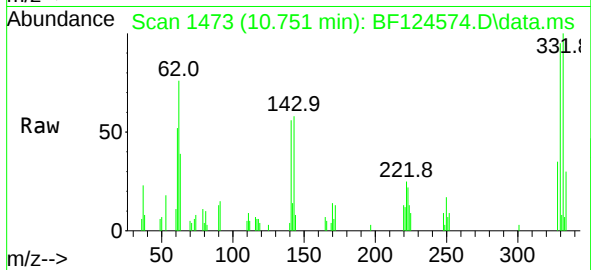
Tgt Ion:	166	Resp:	357
Ion Ratio	Lower	Upper	
166	100		
165	129.1	78.1	117.1#
167	0.0	11.1	16.7#

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA1-AA1A-BB1-BB1A



#64

Phenanthrene-d10

Concen: 20.000 ng

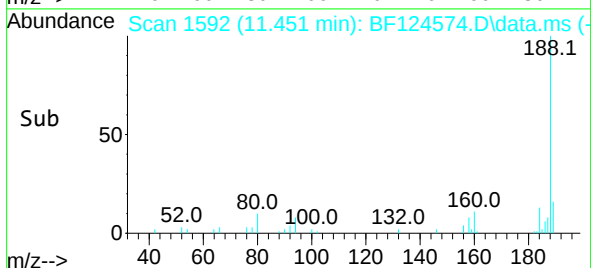
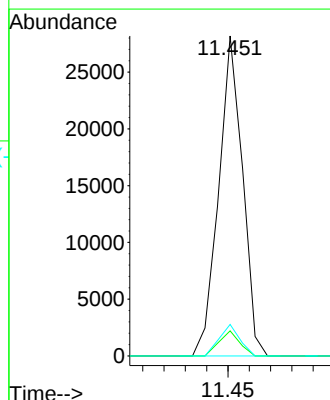
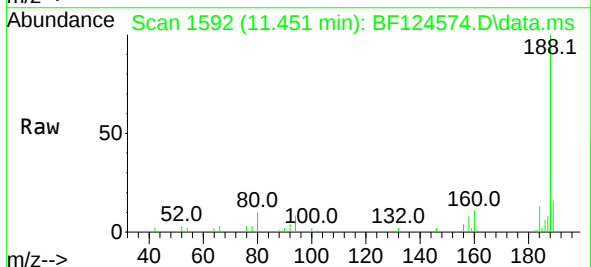
RT: 11.451 min Scan# 1592

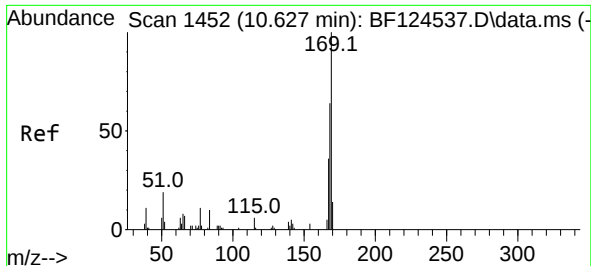
Delta R.T. -0.006 min

Lab File: BF124574.D

Acq: 15 Jul 2021 16:05

Tgt Ion:	188	Resp:	21902
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.7	10.1
80	9.9	7.5	11.3

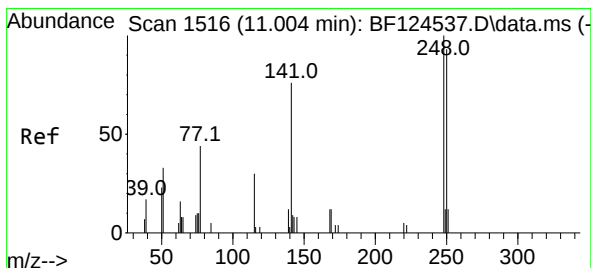
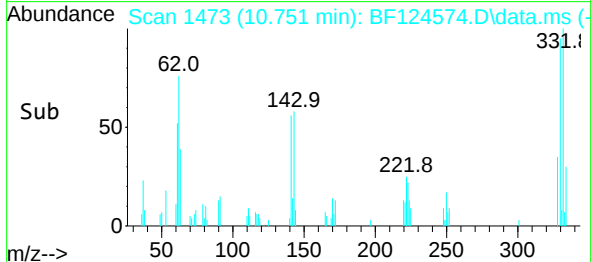
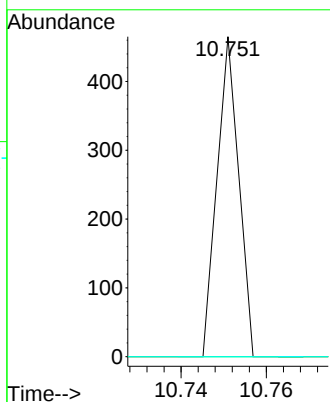
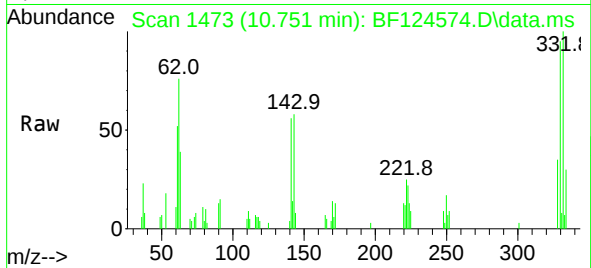




#66
n-Nitrosodiphenylamine
Concen: 0.230 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.124 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

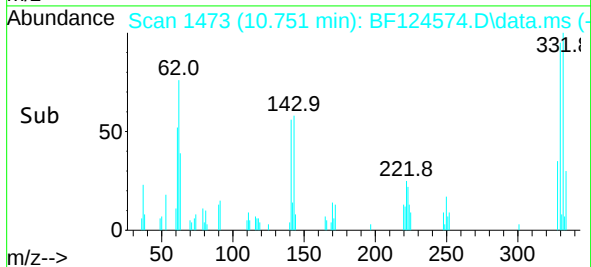
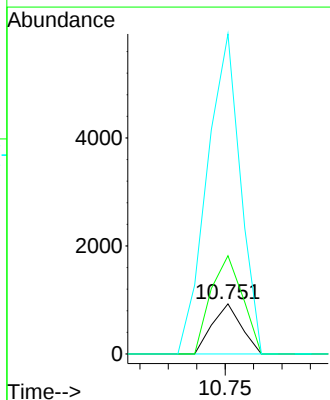
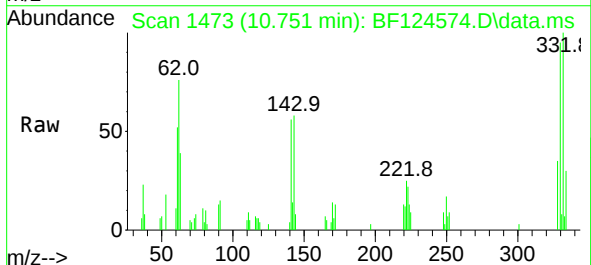
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

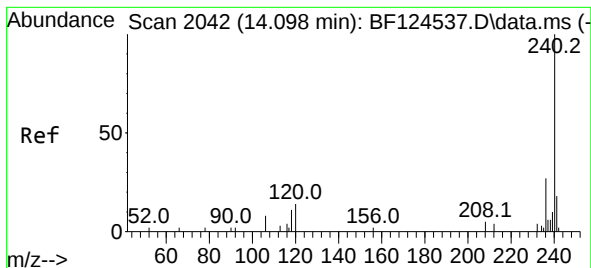
Tgt Ion:169 Resp: 164
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 0.0 28.8 43.2#



#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion:248 Resp: 658
Ion Ratio Lower Upper
248 100
250 147.7 74.2 111.4#
141 480.9 60.4 90.6#

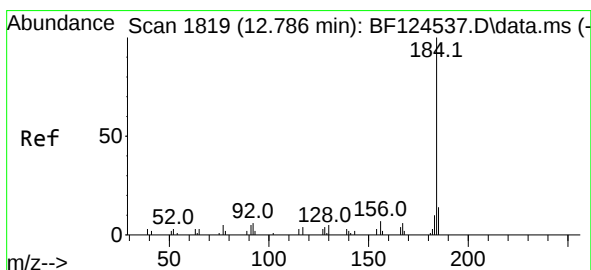
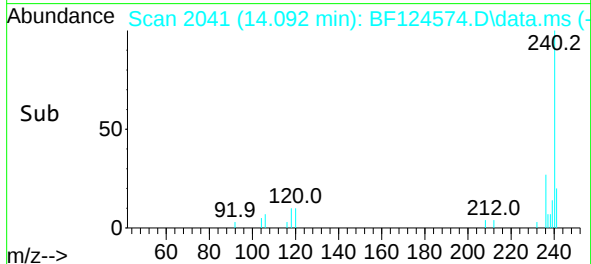
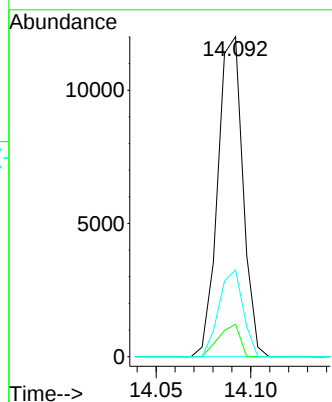
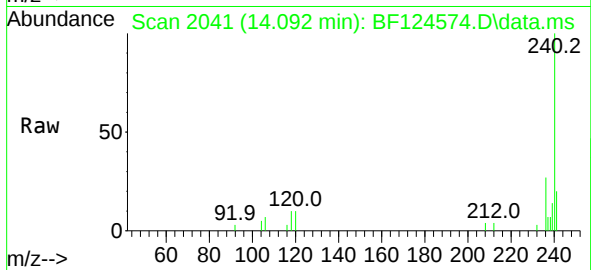




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

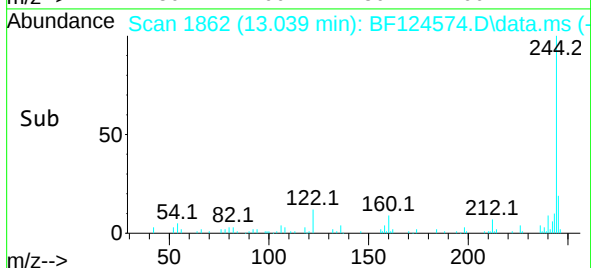
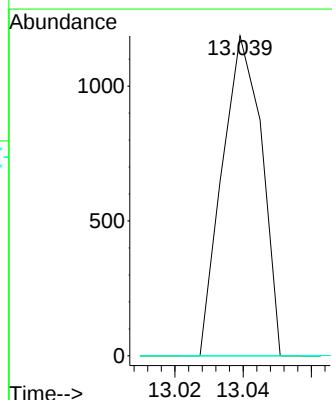
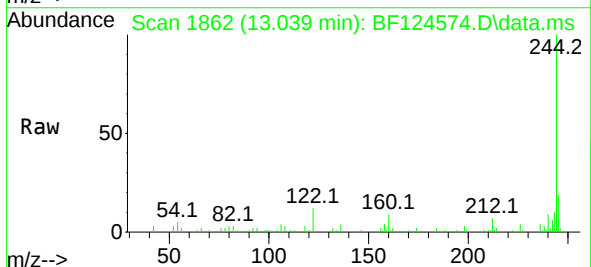
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

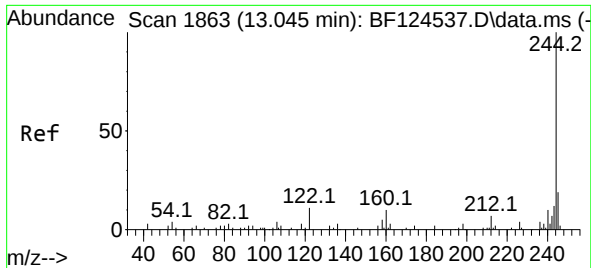
Tgt Ion:240 Resp: 11100
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 27.1 21.6 32.4



#77
Benzidine
Concen: 2.301 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.253 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion:184 Resp: 955
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

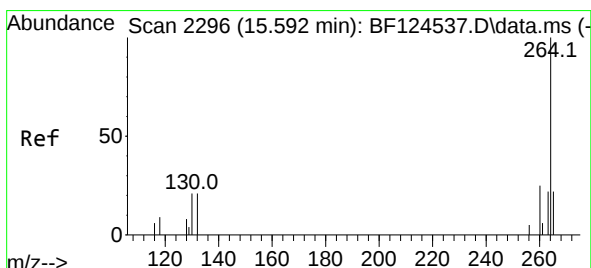
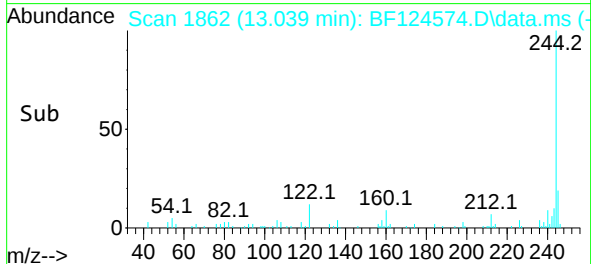
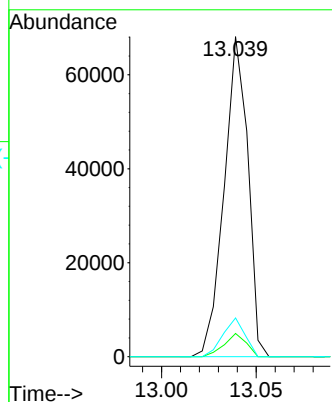
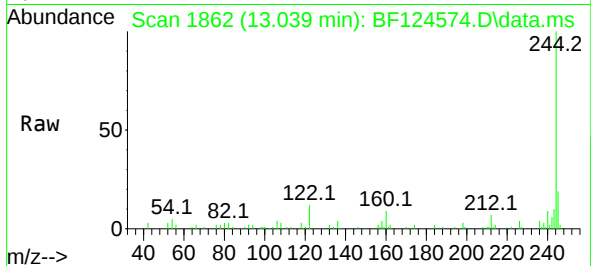




#79
Terphenyl-d14
Concen: 89.686 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA1-AA1A-BB1-BB1A

Tgt Ion:244 Resp: 59285
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124574.D
Acq: 15 Jul 2021 16:05

Tgt Ion:264 Resp: 11042
Ion Ratio Lower Upper
264 100
260 21.5 19.6 29.4
265 16.9 17.2 25.8#

