

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132721.D
 Acq On : 09 Mar 2023 16:50
 Operator : CG\JU
 Sample : 01833-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 17:46:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

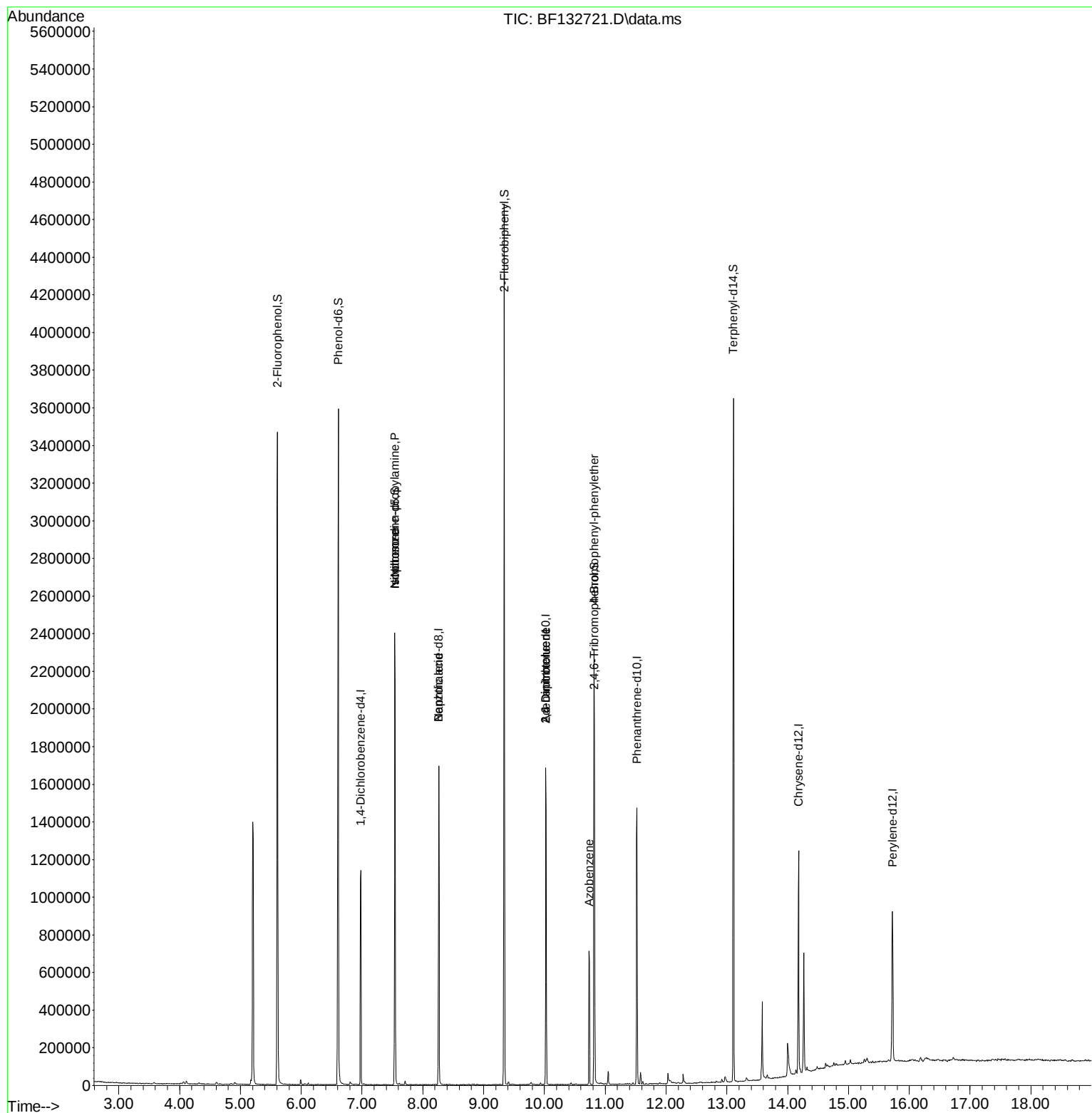
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	175172	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	652051	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	335935	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	553027	20.000	ng	0.00
76) Chrysene-d12	14.180	240	385041	20.000	ng	0.00
86) Perylene-d12	15.721	264	382773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	972693	90.120	ng	0.00
7) Phenol-d6	6.610	99	1231101	87.398	ng	-0.01
23) Nitrobenzene-d5	7.540	82	795424	57.876	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	268042	73.882	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1322172	59.929	ng	0.00
79) Terphenyl-d14	13.110	244	1233355	54.158	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	103370	11.924	ng	# 75
25) Isophorone	7.540	82	795526	30.191	ng	# 67
32) Benzoic acid	8.263	122	54	3.842	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	44337	7.959	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	44337	5.983	ng	# 21
63) Azobenzene	10.733	77	126520	5.001	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	17796	2.845	ng	# 1

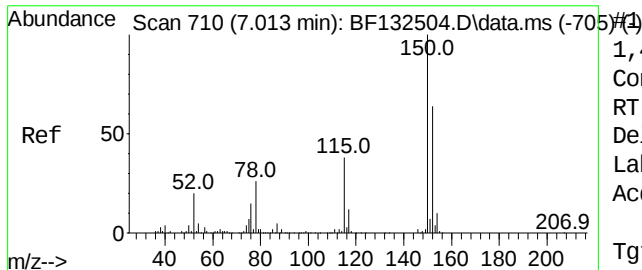
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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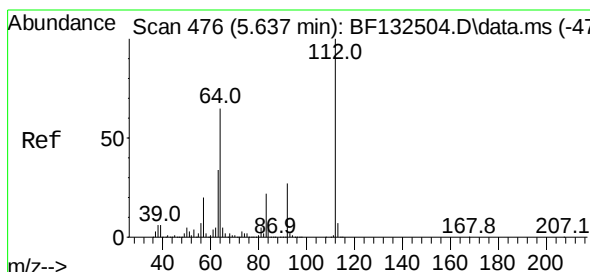
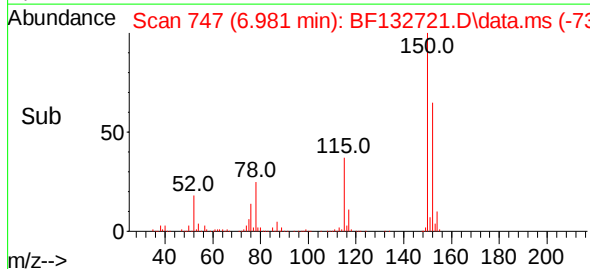
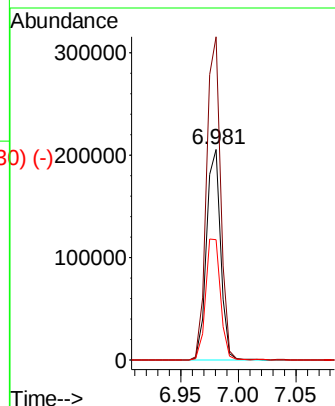
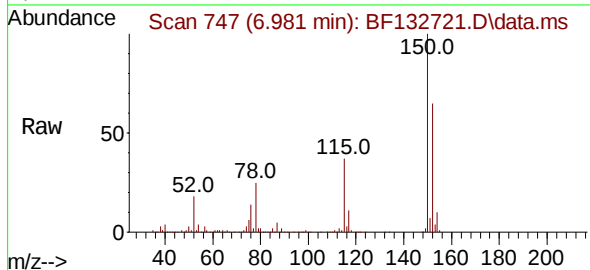




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan#
 Delta R.T. -0.000 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

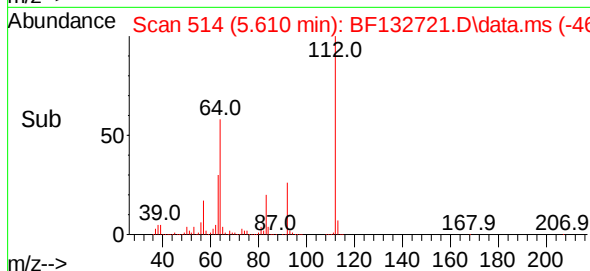
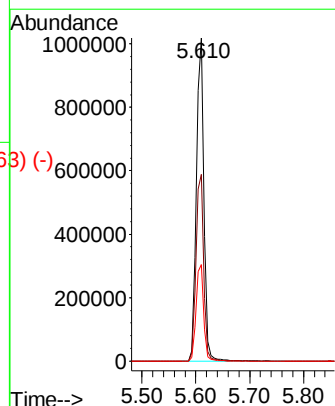
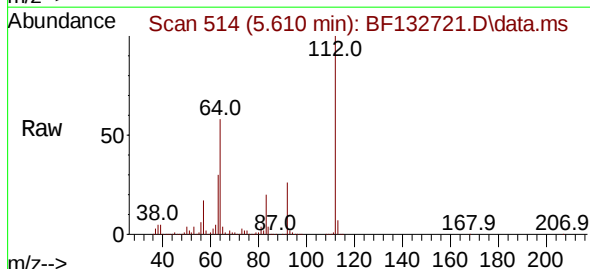
Instrument :
 BNA_F
 ClientSampleId :

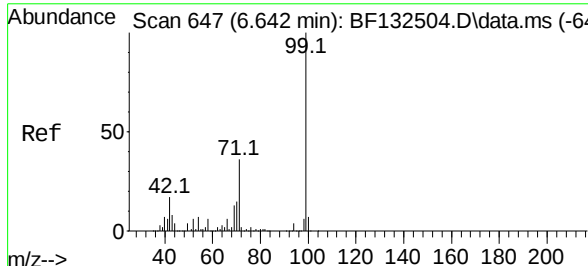
Tgt Ion:152 Resp: 175172
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.4 188.2
 115 57.2 47.8 71.6



2-Fluorophenol
 Concen: 90.120 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:112 Resp: 972693
 Ion Ratio Lower Upper
 112 100
 64 57.7 51.6 77.4
 63 30.0 27.4 41.2

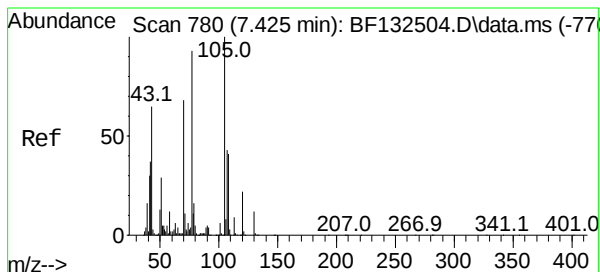
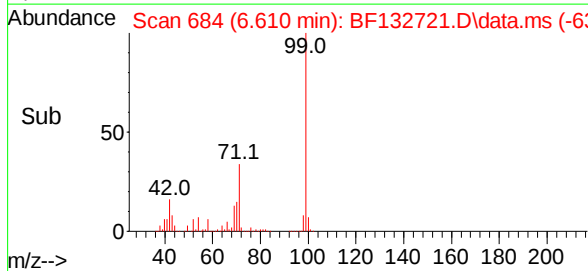
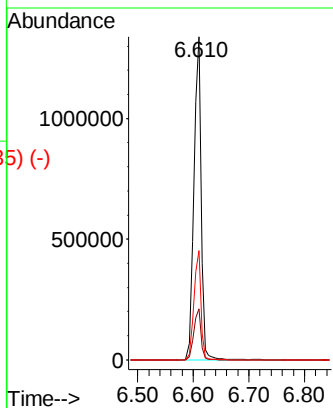
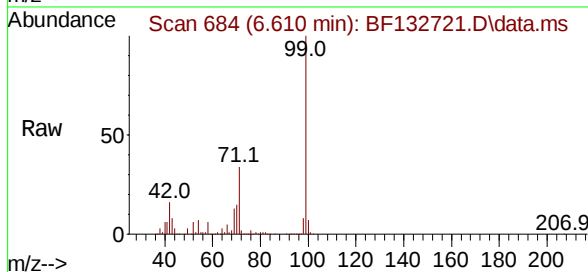




Phenol-d6
 Concen: 87.398 ng
 RT: 6.610 min Scan# 647
 Delta R.T. -0.012 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

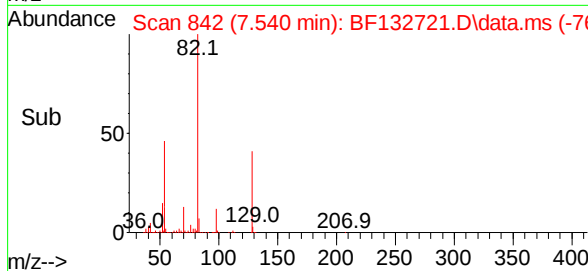
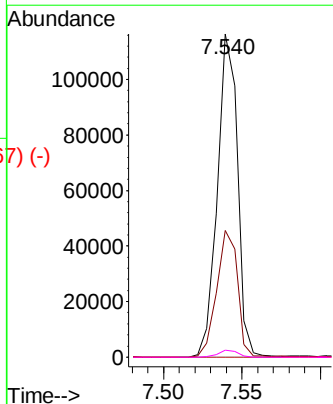
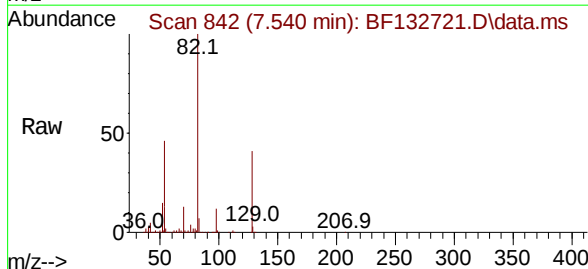
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	99	Resp:	1231101
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	33.9	28.5	42.7



n-Nitroso-di-n-propylamine
 Concen: 11.924 ng
 RT: 7.540 min Scan# 842
 Delta R.T. 0.141 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:	70	Resp:	103370
Ion	Ratio	Lower	Upper
70	100		
42	39.2	44.1	66.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



Abundance Scan 929 (8.301 min): BF132504.D\data.ms (-922) #21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.263 min Scan# 965

Delta R.T. -0.006 min

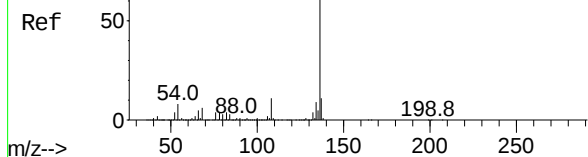
Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 652051

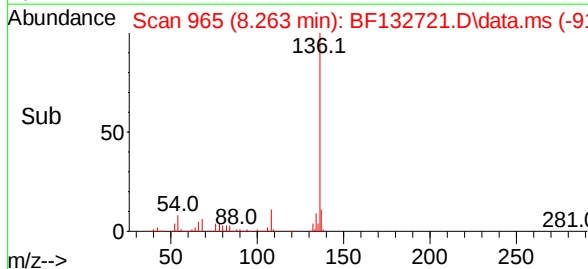
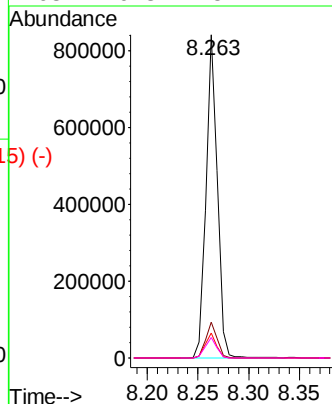
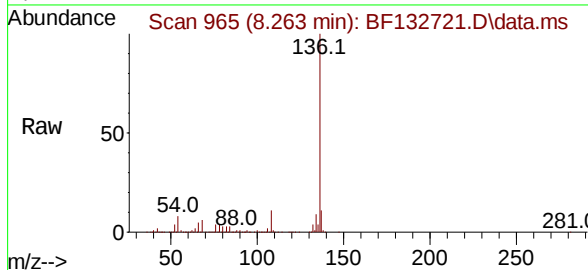
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.2 9.4

68 6.3 5.2 7.8



Abundance Scan 806 (7.578 min): BF132504.D\data.ms (-800) #23

Nitrobenzene-d5

Concen: 57.876 ng

RT: 7.540 min Scan# 842

Delta R.T. -0.017 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

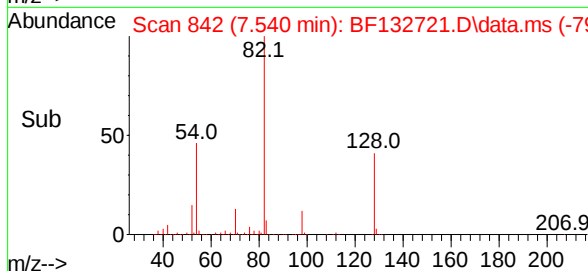
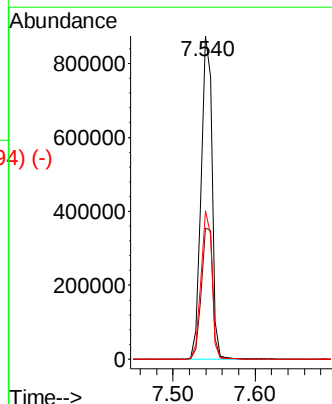
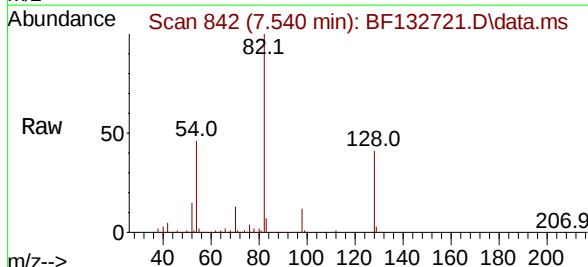
Tgt Ion: 82 Resp: 795424

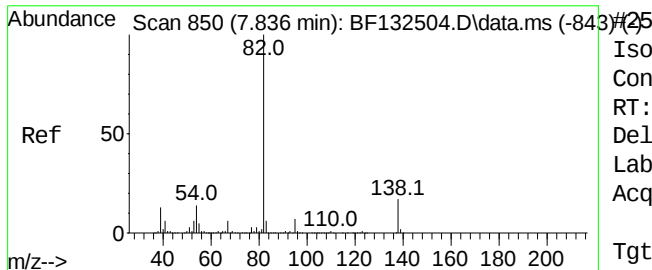
Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.2

54 45.9 38.4 57.6





Isophorone

Concen: 30.191 ng

RT: 7.540 min Scan# 81

Delta R.T. -0.270 min

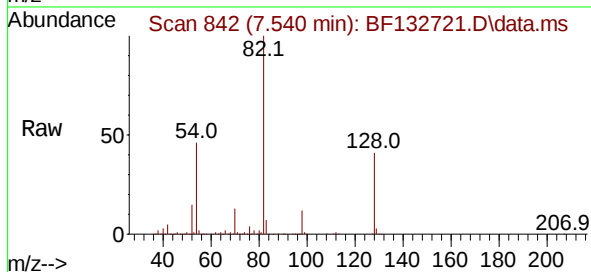
Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

Instrument :

BNA_F

ClientSampleId :



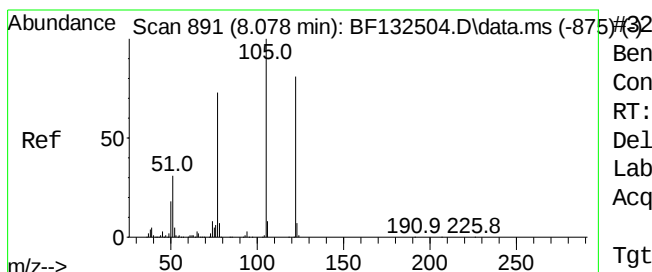
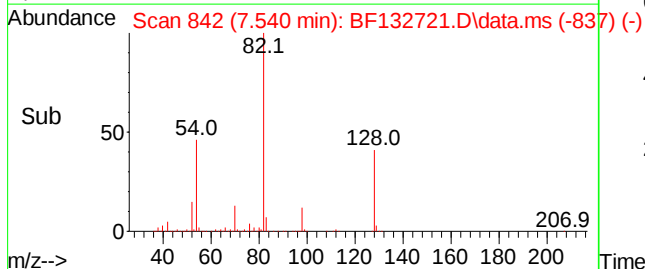
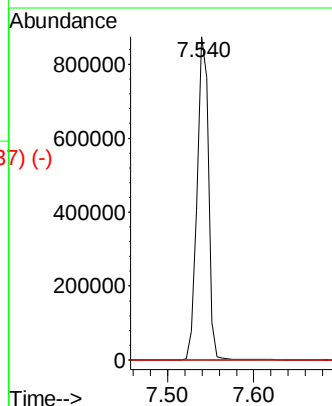
Tgt Ion: 82 Resp: 795526

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#



Benzoic acid

Concen: 3.842 ng

RT: 8.263 min Scan# 965

Delta R.T. 0.212 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

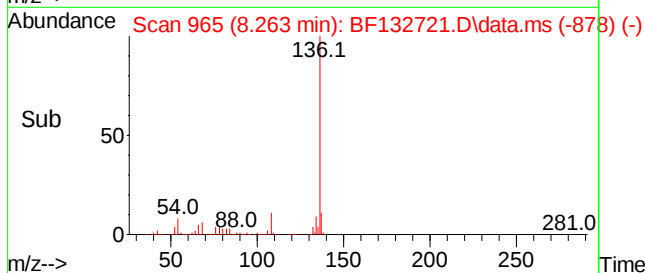
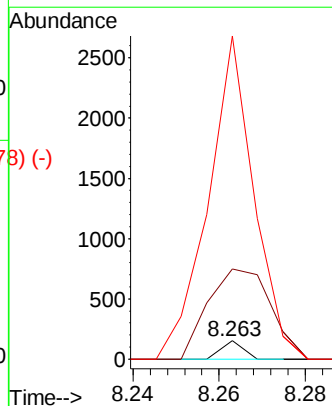
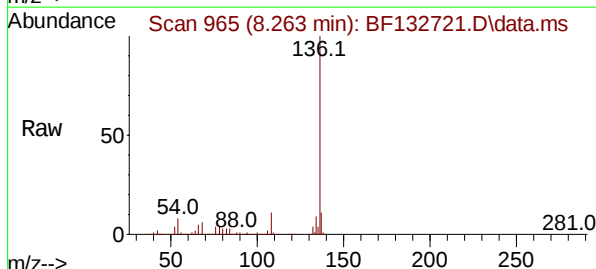
Tgt Ion: 122 Resp: 54

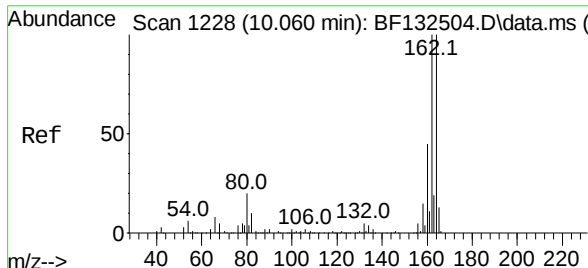
Ion Ratio Lower Upper

122 100

105 491.4 102.6 142.6#

77 1764.5 70.2 110.2#

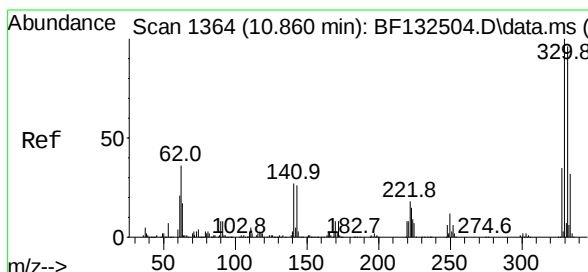
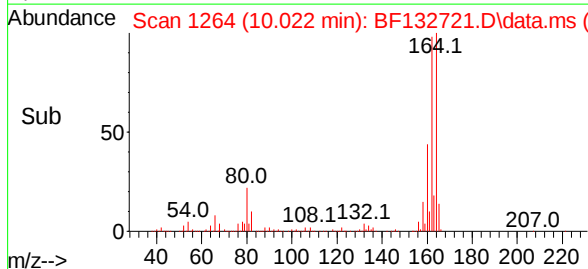
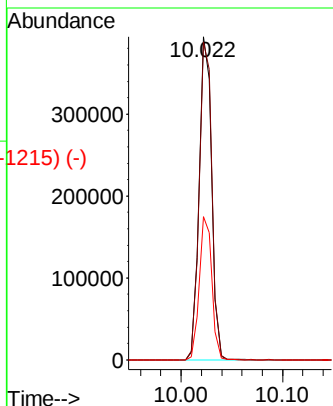
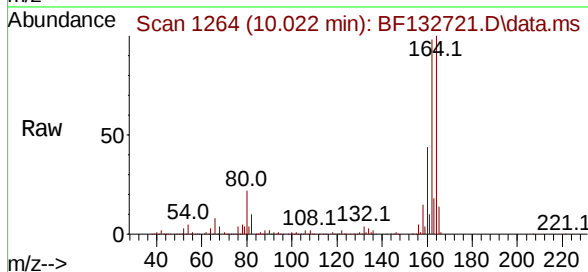




Scan 1228 (10.060 min): BF132504.D\data.ms (-1229) (-)
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.022 min Scan# 1229
 Delta R.T. -0.012 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

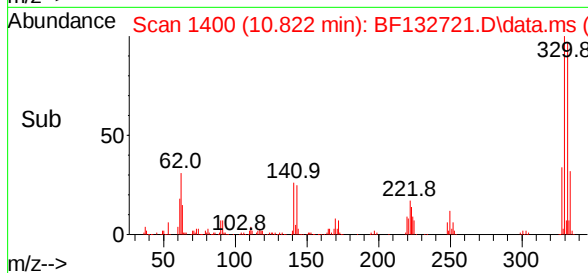
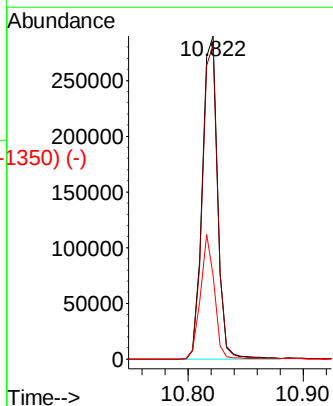
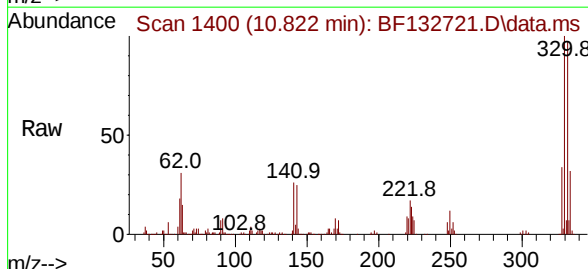
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	164	Resp:	335935
Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.8	119.8
160	44.4	35.8	53.6

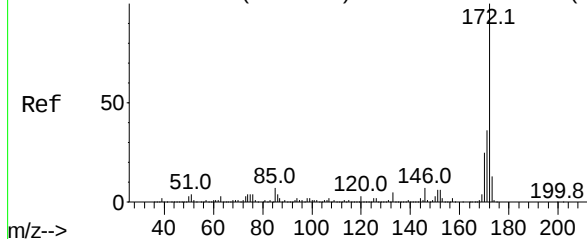


Scan 1364 (10.860 min): BF132504.D\data.ms (-1364) (-)
 2,4,6-Tribromophenol
 Concen: 73.882 ng
 RT: 10.822 min Scan# 1400
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:	330	Resp:	268042
Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	34.8	28.4	42.6



Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-110215)



2-Fluorobiphenyl

Concen: 59.929 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

Instrument :

BNA_F

ClientSampleId :

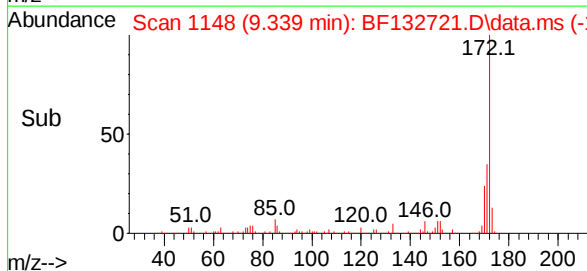
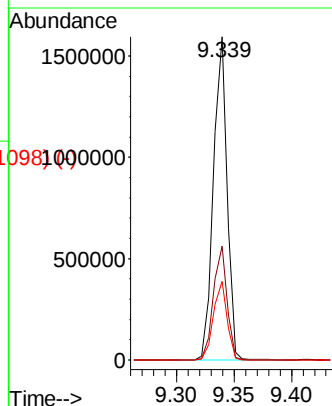
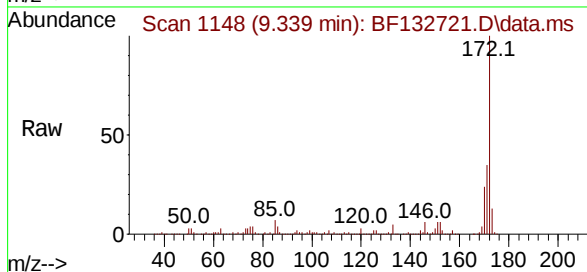
Tgt Ion:172 Resp: 1322172

Ion Ratio Lower Upper

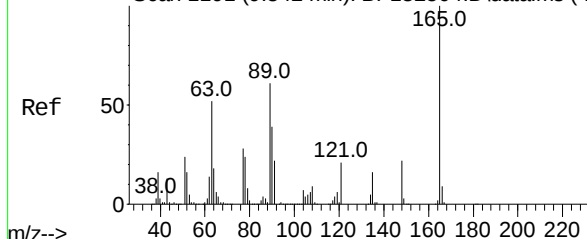
172 100

171 35.2 28.8 43.2

170 24.3 19.7 29.5



Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-110215)



2,6-Dinitrotoluene

Concen: 7.959 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132721.D

Acq: 09 Mar 2023 16:50

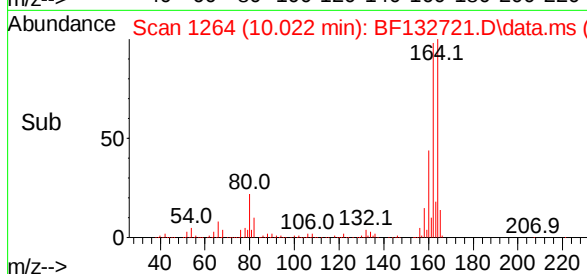
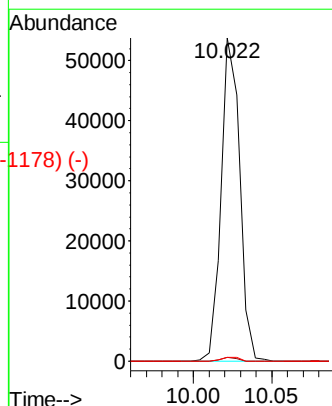
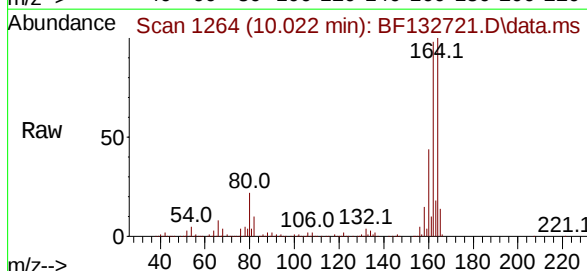
Tgt Ion:165 Resp: 44337

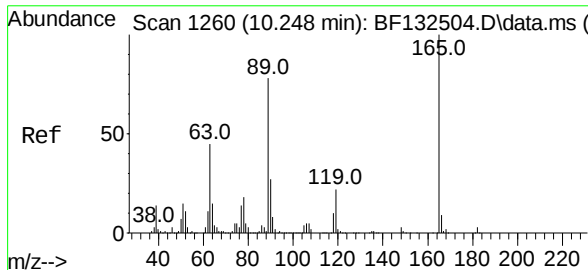
Ion Ratio Lower Upper

165 100

63 1.1 47.3 70.9#

89 1.1 48.9 73.3#

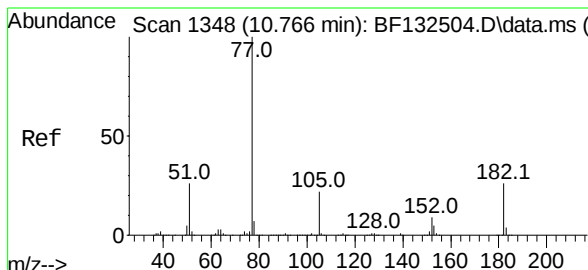
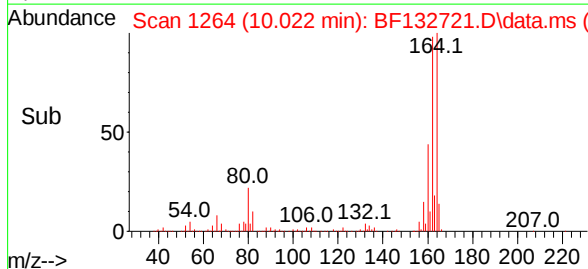
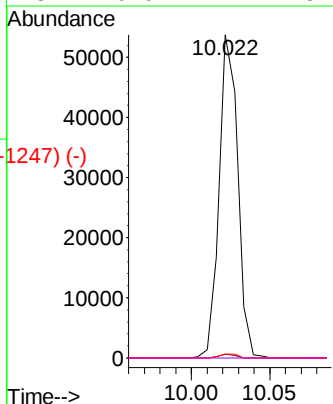
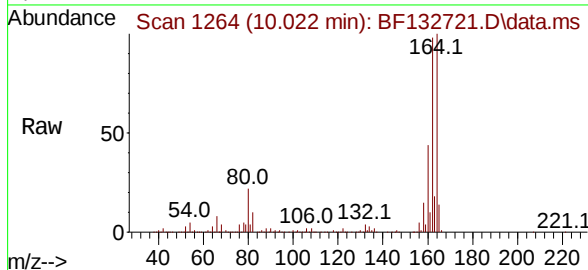




Scan 1260 (10.248 min): BF132504.D\data.ms (-1257) (-)
 2,4-Dinitrotoluene
 Concen: 5.983 ng
 RT: 10.022 min Scan# 1257
 Delta R.T. -0.200 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

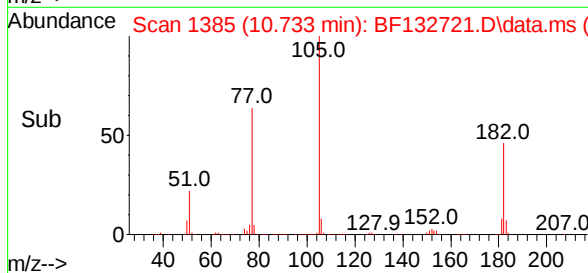
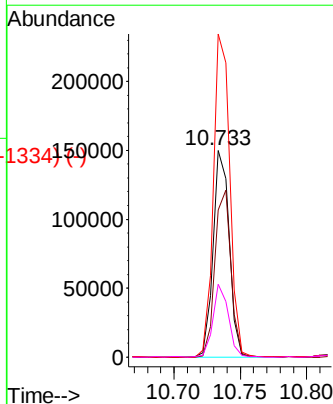
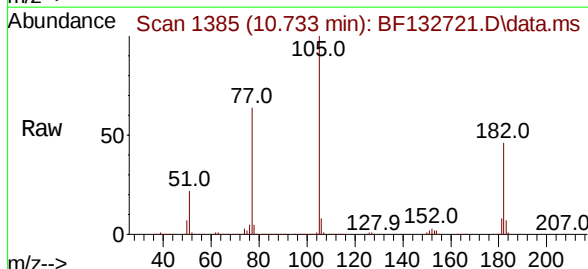
Instrument :
 BNA_F
 ClientSampleId :

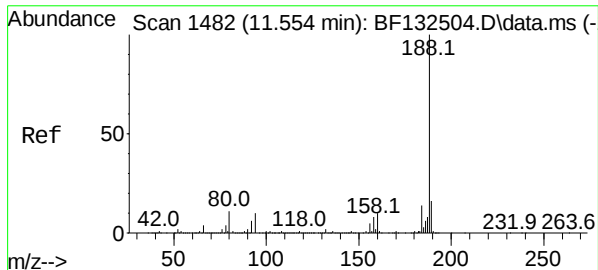
Tgt Ion:	165	Resp:	44337
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.5	54.7#
89	1.1	62.4	93.6#
182	0.0	2.1	3.1#



Scan 1348 (10.766 min): BF132504.D\data.ms (-1363) (-)
 Azobenzene
 Concen: 5.001 ng
 RT: 10.733 min Scan# 1385
 Delta R.T. 0.000 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:	77	Resp:	126520
Ion	Ratio	Lower	Upper
77	100		
182	71.2	5.5	45.5#
105	156.3	1.8	41.8#
51	35.2	6.4	46.4

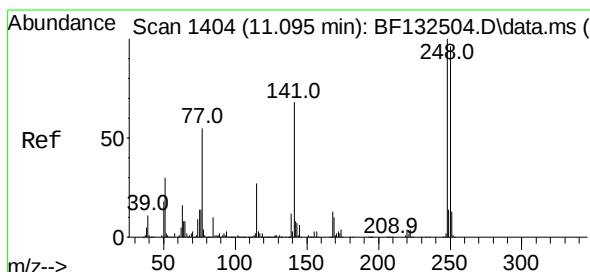
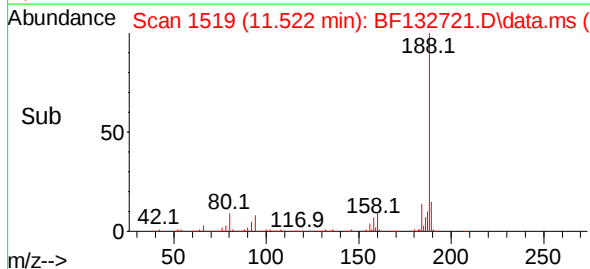
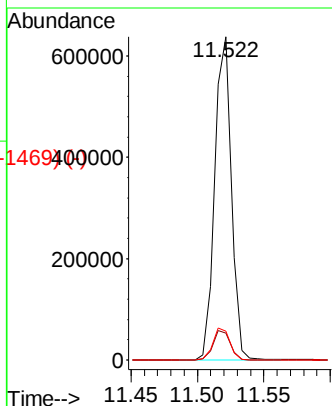
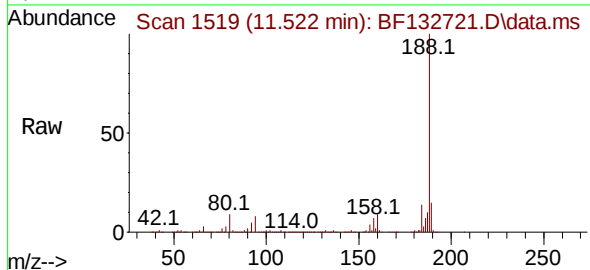




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.522 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

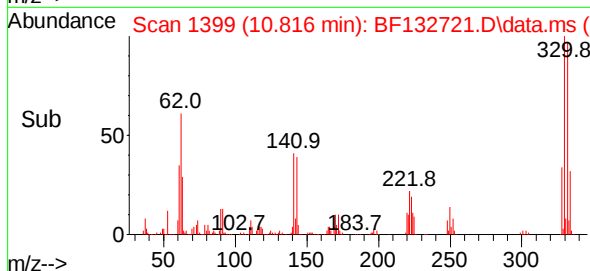
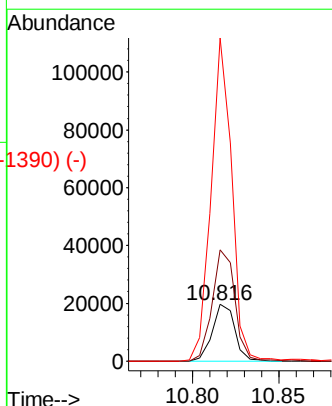
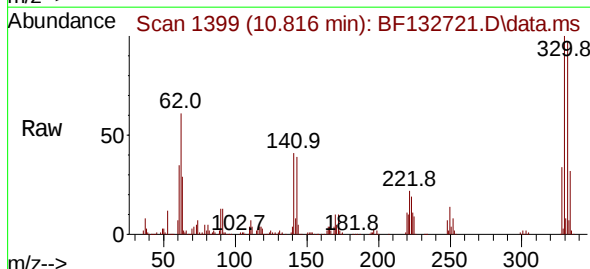
Instrument :
 BNA_F
 ClientSampleId :

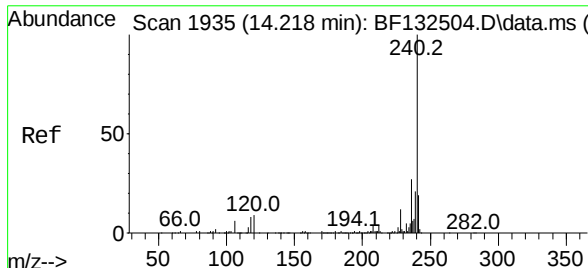
Tgt Ion:	188	Resp:	553027
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.3	12.5
80	8.8	8.7	13.1



4-Bromophenyl-phenylether
 Concen: 2.845 ng
 RT: 10.816 min Scan# 1399
 Delta R.T. -0.247 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:	248	Resp:	17796
Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.0	115.4#
141	568.2	54.2	81.2#

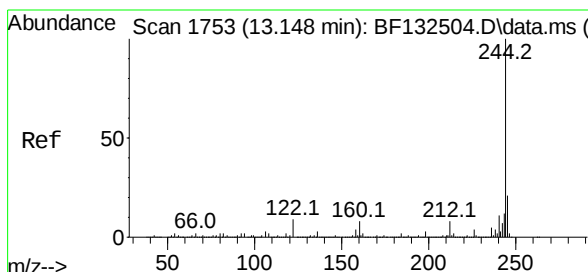
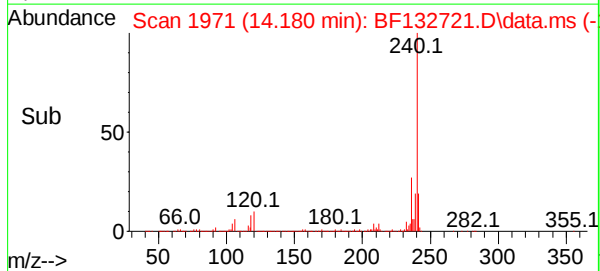
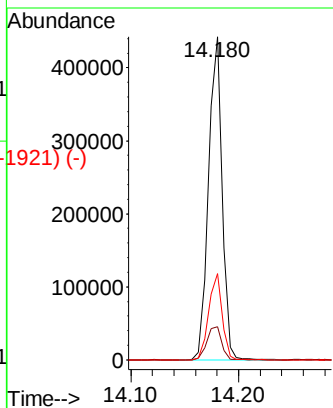
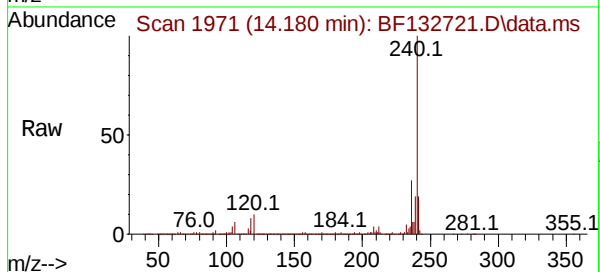




Scan 1935 (14.218 min): BF132504.D\data.ms (-1925) (-)
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.180 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

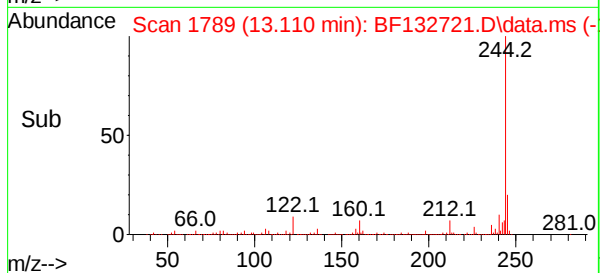
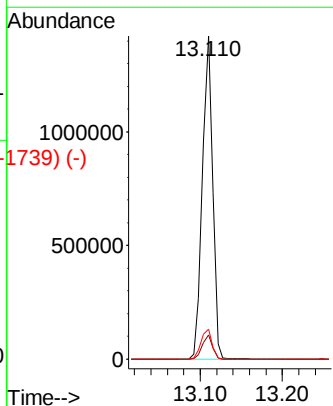
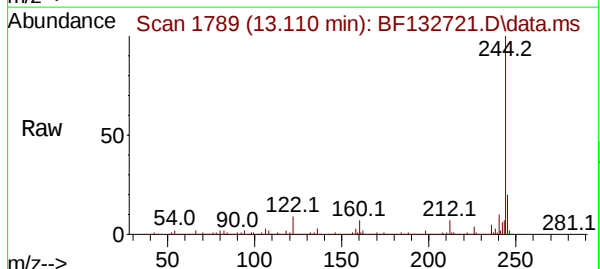
Instrument :
 BNA_F
 ClientSampleId :

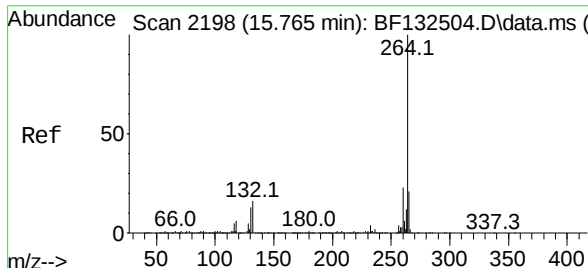
Tgt Ion:	240	Resp:	385041
Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.2	10.8
236	26.8	21.8	32.6



Scan 1753 (13.148 min): BF132504.D\data.ms (-1749) (-)
 Terphenyl-d14
 Concen: 54.158 ng
 RT: 13.110 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Tgt Ion:	244	Resp:	1233355
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.2	7.5	11.3





Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2183
 Delta R.T. -0.006 min
 Lab File: BF132721.D
 Acq: 09 Mar 2023 16:50

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	264	Resp:	382773
Ion Ratio		Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.5	17.1	25.7

