

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132783.D
 Acq On : 14 Mar 2023 17:49
 Operator : CG\JU
 Sample : 01891-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA6

Quant Time: Mar 14 18:17:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

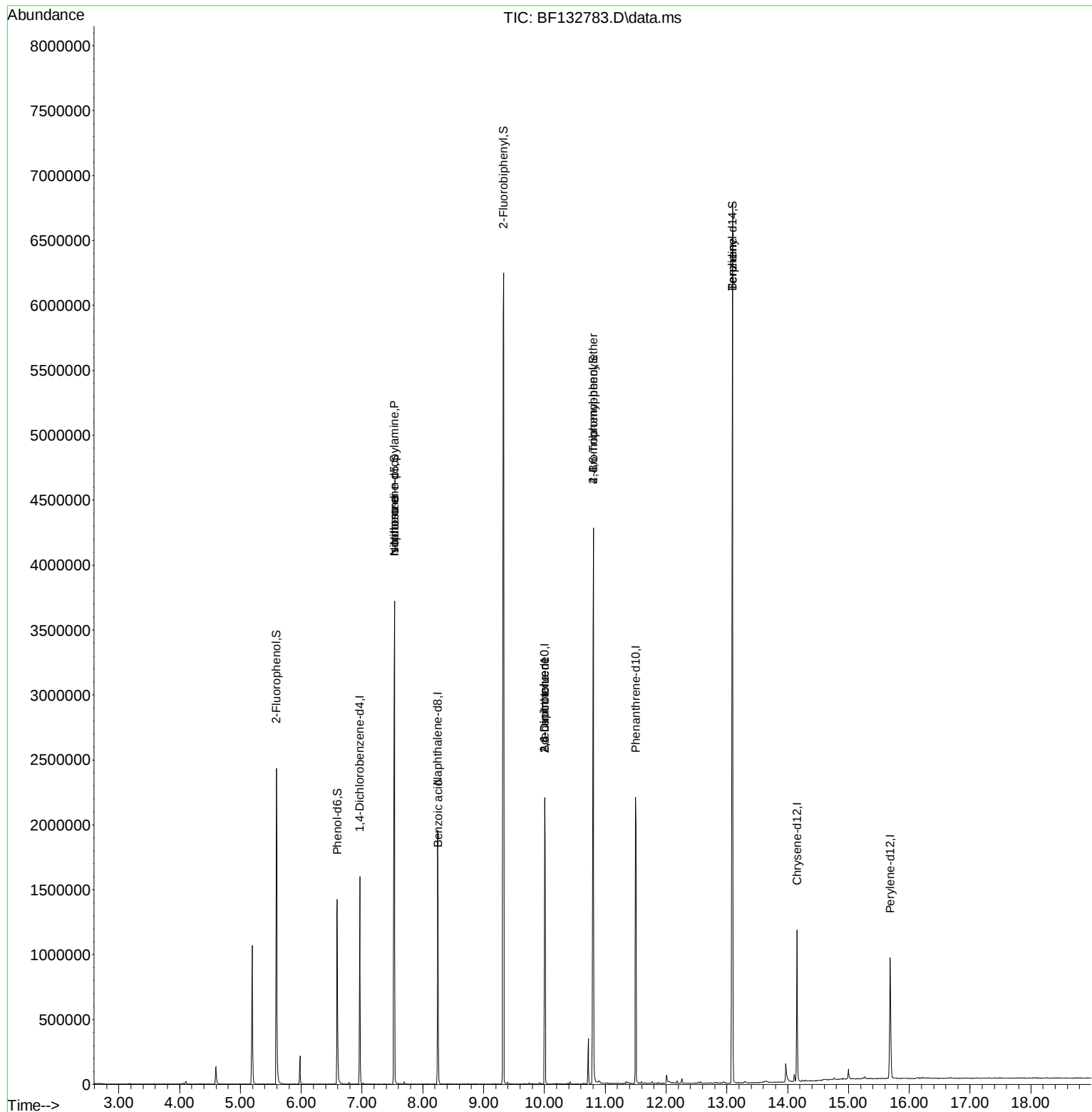
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	222718	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	822138	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	439043	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	853403	20.000	ng	0.00
76) Chrysene-d12	14.157	240	425898	20.000	ng	0.00
86) Perylene-d12	15.686	264	448664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	715242	52.120	ng	0.00
7) Phenol-d6	6.593	99	548164	30.607	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1373502	79.263	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	571070	120.441	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2133336	73.987	ng	0.00
79) Terphenyl-d14	13.092	244	2596648	103.083	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	178644	16.208	ng	# 73
25) Isophorone	7.534	82	1373491	41.342	ng	# 67
32) Benzoic acid	8.251	122	174	3.852	ng	# 1
51) 2,6-Dinitrotoluene	10.004	165	57454	7.892	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	57454	5.932	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	37334	3.867	ng	# 1
77) Benzidine	13.092	184	37244	3.592	ng	# 94

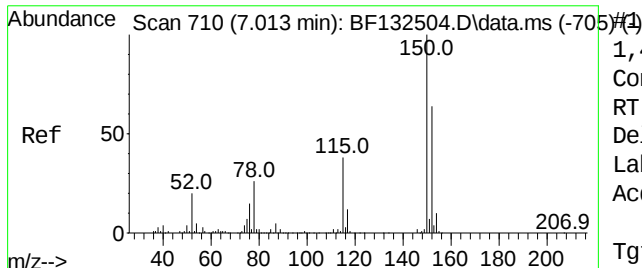
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132783.D
Acq On : 14 Mar 2023 17:49
Operator : CG\JU
Sample : 01891-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0AA6

Quant Time: Mar 14 18:17:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

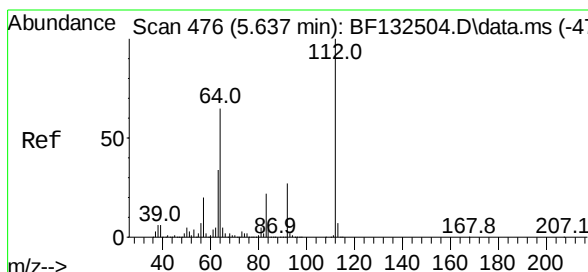
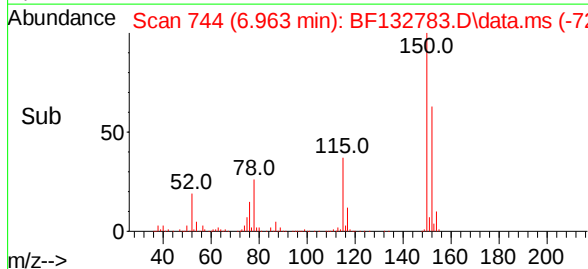
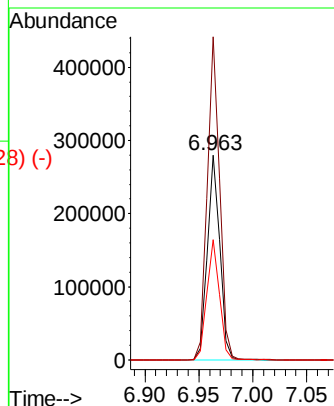
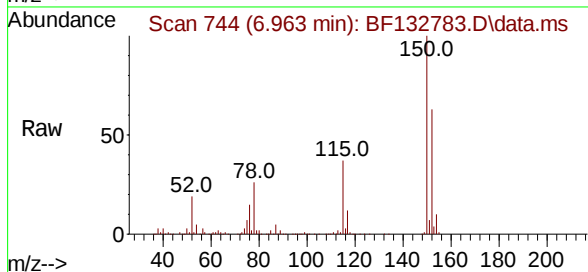




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan#
Delta R.T. -0.006 min
Lab File: BF132783.D
Acq: 14 Mar 2023 17:49

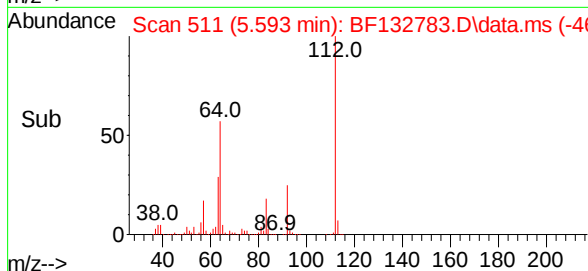
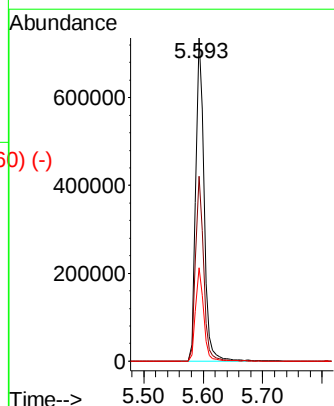
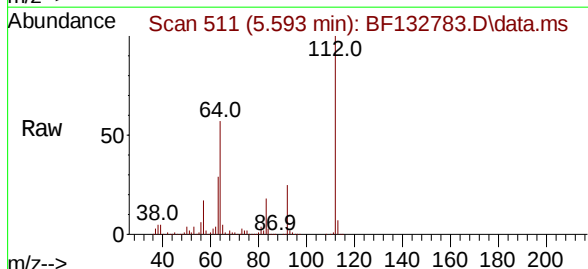
Instrument :
BNA_F
ClientSampleId :
C0AA6

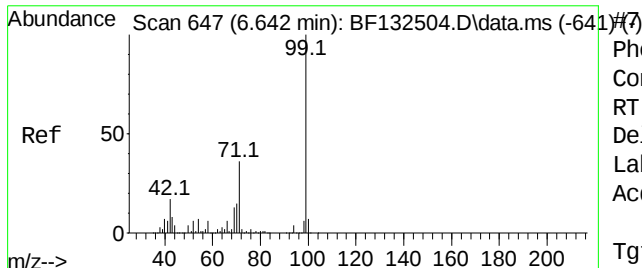
Tgt Ion:152 Resp: 222718
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.2
115 58.5 47.8 71.6



2-Fluorophenol
Concen: 52.120 ng
RT: 5.593 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF132783.D
Acq: 14 Mar 2023 17:49

Tgt Ion:112 Resp: 715242
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 29.0 27.4 41.2





Phenol-d6

Concen: 30.607 ng

RT: 6.593 min Scan#

Delta R.T. -0.012 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

Instrument :

BNA_F

ClientSampleId :

C0AA6

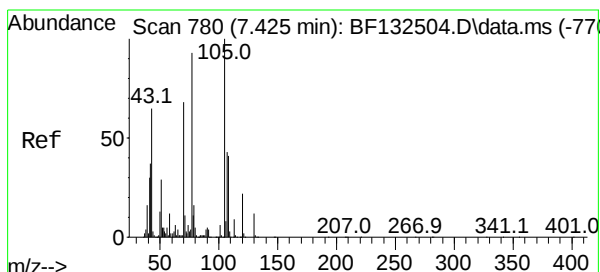
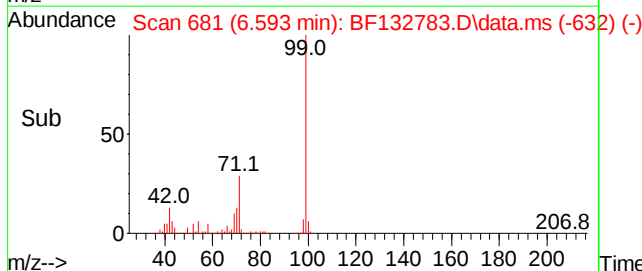
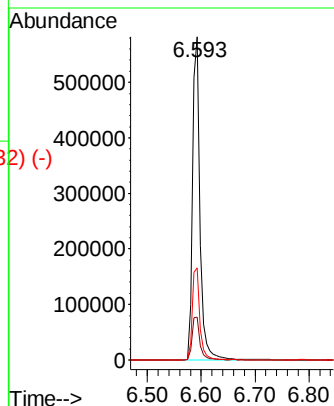
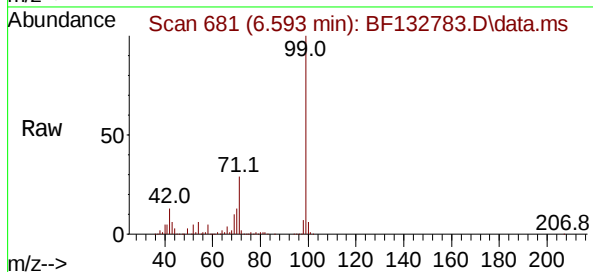
Tgt Ion: 99 Resp: 548164

Ion Ratio Lower Upper

99 100

42 13.3 13.9 20.9#

71 28.6 28.5 42.7



n-Nitroso-di-n-propylamine

Concen: 16.208 ng

RT: 7.534 min Scan# 841

Delta R.T. 0.153 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

Tgt Ion: 70 Resp: 178644

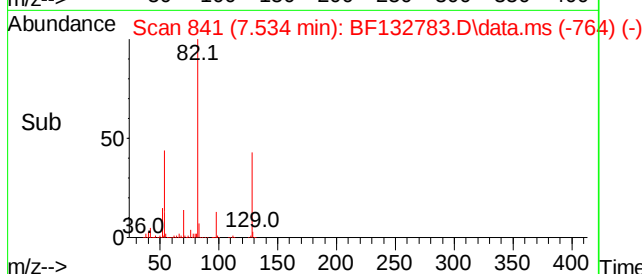
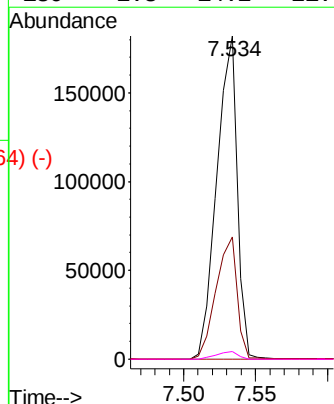
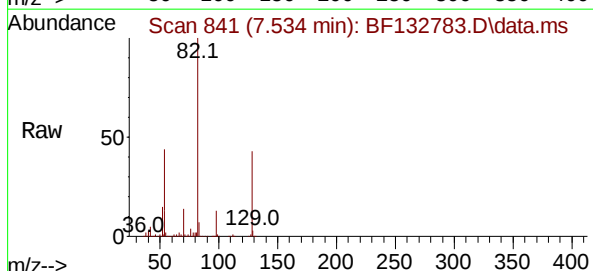
Ion Ratio Lower Upper

70 100

42 37.8 44.1 66.1#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#



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

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF132783.D

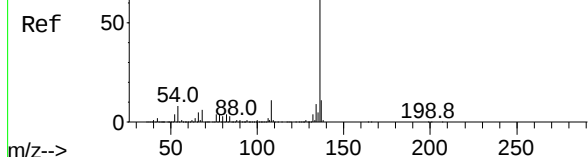
Acq: 14 Mar 2023 17:49

Instrument :

BNA_F

ClientSampleId :

C0AA6



Tgt Ion:136 Resp: 822138

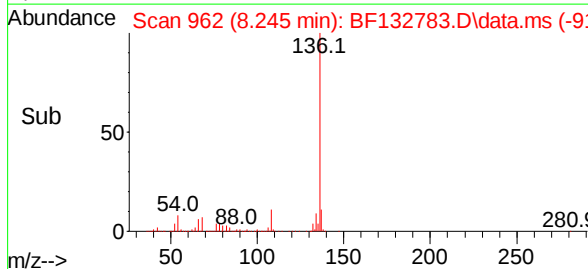
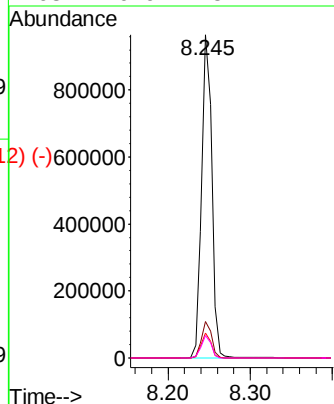
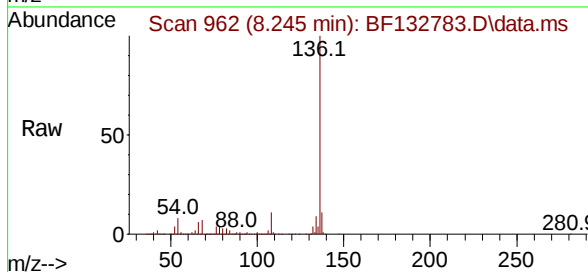
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.2 9.4

68 6.9 5.2 7.8



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

Nitrobenzene-d5

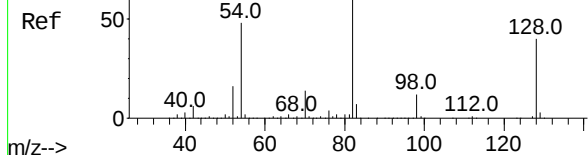
Concen: 79.263 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49



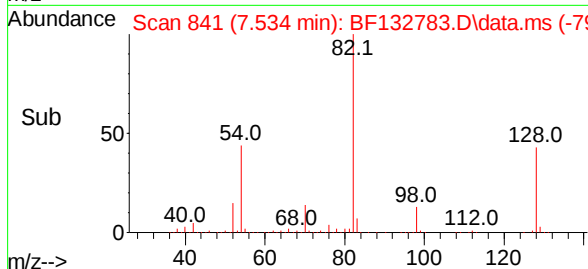
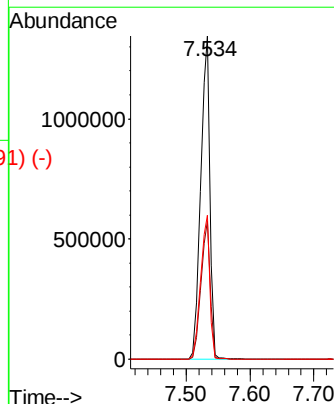
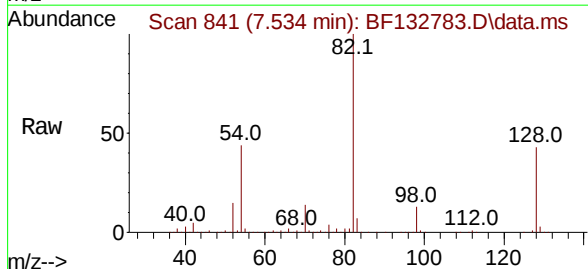
Tgt Ion: 82 Resp: 1373502

Ion Ratio Lower Upper

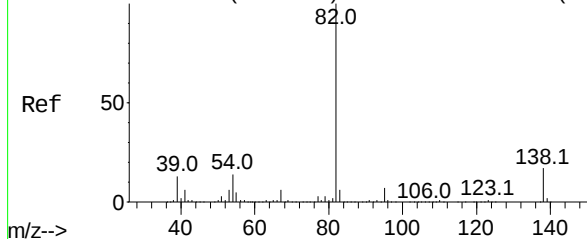
82 100

128 42.8 32.2 48.2

54 44.5 38.4 57.6



Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



Isophorone

Concen: 41.342 ng

RT: 7.534 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

Instrument :

BNA_F

ClientSampleId :

C0AA6

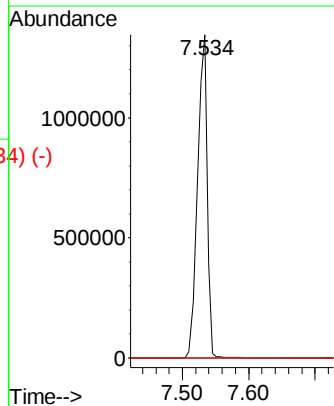
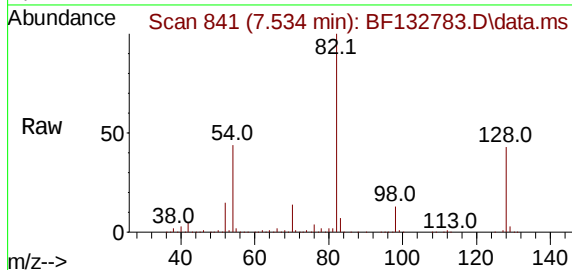
Tgt Ion: 82 Resp: 1373491

Ion Ratio Lower Upper

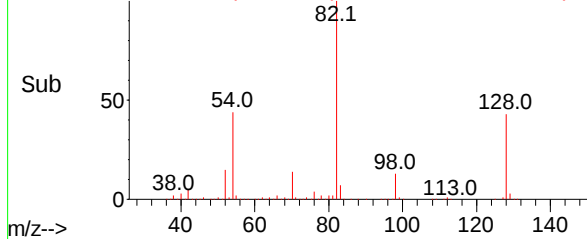
82 100

95 0.0 5.7 8.5#

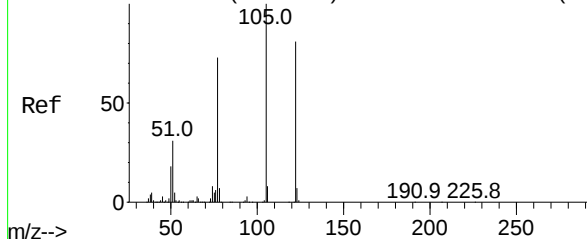
138 0.0 13.3 19.9#



Abundance Scan 841 (7.534 min): BF132783.D\data.ms (-834) (-)



Abundance Scan 891 (8.078 min): BF132504.D\data.ms (-875) #32



Benzoic acid

Concen: 3.852 ng

RT: 8.251 min Scan# 963

Delta R.T. 0.218 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

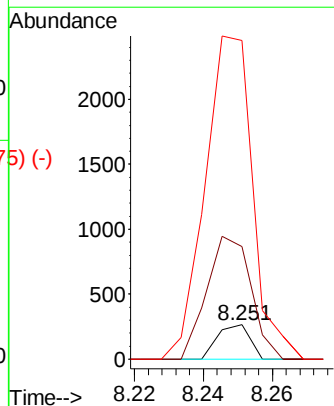
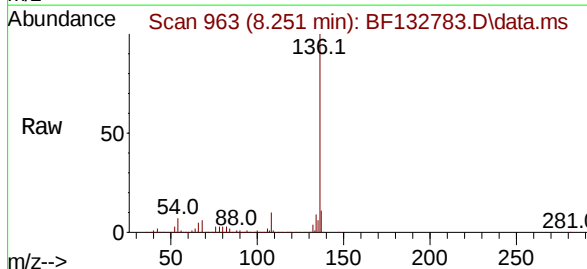
Tgt Ion:122 Resp: 174

Ion Ratio Lower Upper

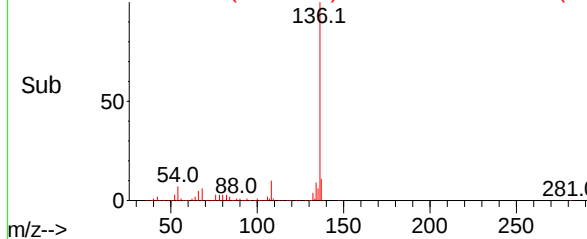
122 100

105 326.7 102.6 142.6#

77 923.3 70.2 110.2#



Abundance Scan 963 (8.251 min): BF132783.D\data.ms (-875) (-)



Abundance Scan 1228 (10.060 min): BF132504.D\data.ms (-1228) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

Instrument :

BNA_F

ClientSampleId :

C0AA6

Tgt Ion:164 Resp: 439043

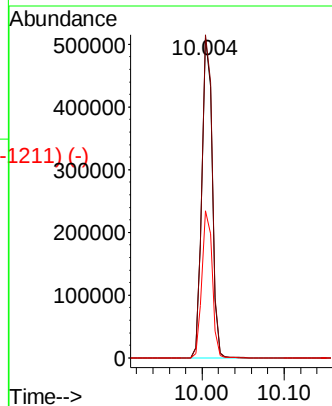
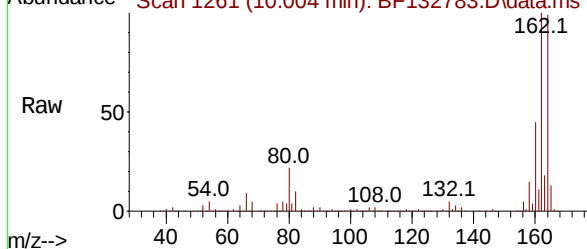
Ion Ratio Lower Upper

164 100

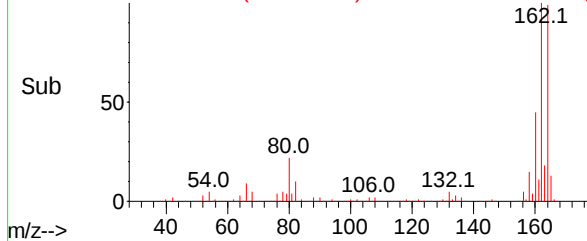
162 101.0 79.8 119.8

160 45.9 35.8 53.6

Abundance Scan 1261 (10.004 min): BF132783.D\data.ms



Abundance Scan 1261 (10.004 min): BF132783.D\data.ms (-1211) (-)



Abundance Scan 1364 (10.860 min): BF132504.D\data.ms (-1364) (-)

2,4,6-Tribromophenol

Concen: 120.441 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

Tgt Ion:330 Resp: 571070

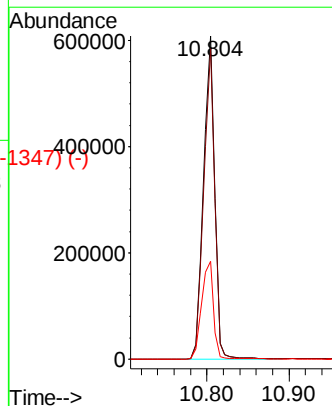
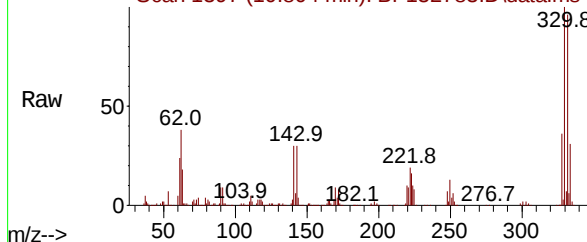
Ion Ratio Lower Upper

330 100

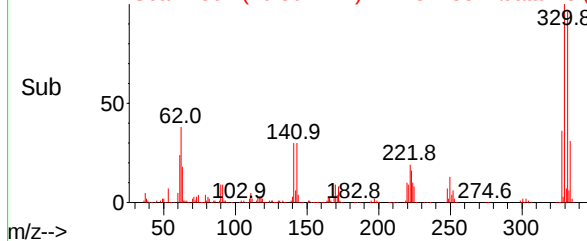
332 95.4 76.2 114.4

141 32.1 28.4 42.6

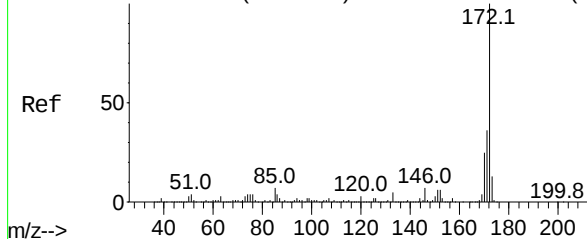
Abundance Scan 1397 (10.804 min): BF132783.D\data.ms



Abundance Scan 1397 (10.804 min): BF132783.D\data.ms (-1347) (-)



Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-11024)



2-Fluorobiphenyl

Concen: 73.987 ng

RT: 9.328 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

Instrument :

BNA_F

ClientSampleId :

C0AA6

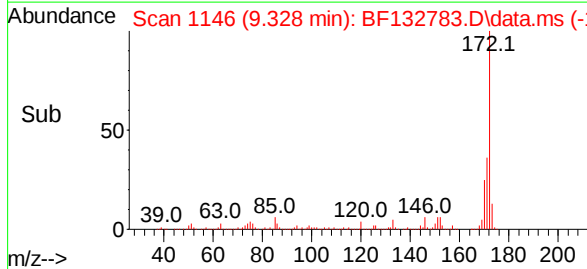
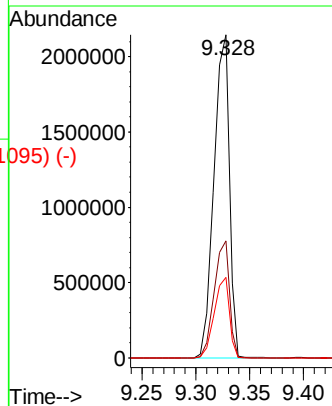
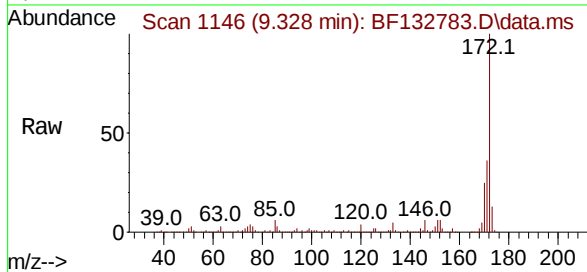
Tgt Ion:172 Resp: 2133336

Ion Ratio Lower Upper

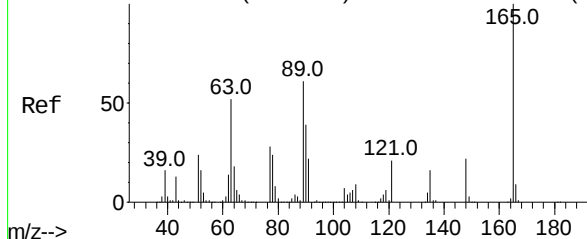
172 100

171 36.1 28.8 43.2

170 24.9 19.7 29.5



Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-11051)



2,6-Dinitrotoluene

Concen: 7.892 ng

RT: 10.004 min Scan# 1261

Delta R.T. 0.206 min

Lab File: BF132783.D

Acq: 14 Mar 2023 17:49

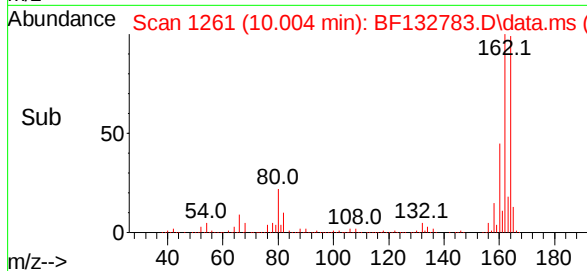
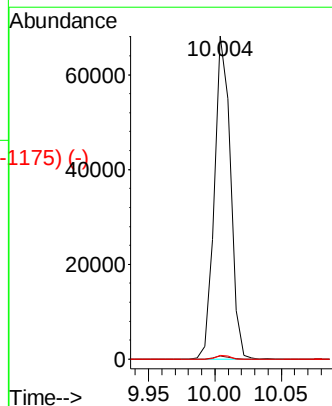
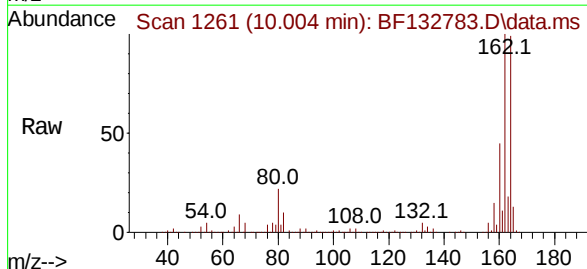
Tgt Ion:165 Resp: 57454

Ion Ratio Lower Upper

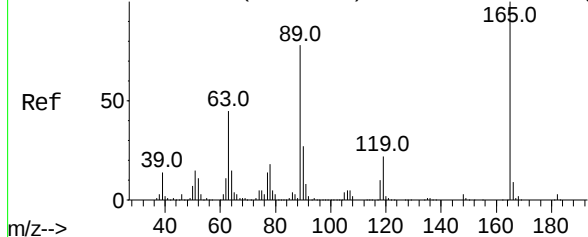
165 100

63 1.0 47.3 70.9#

89 1.1 48.9 73.3#



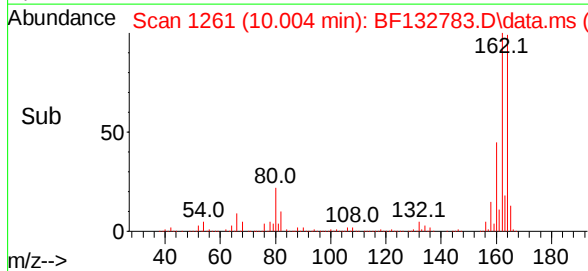
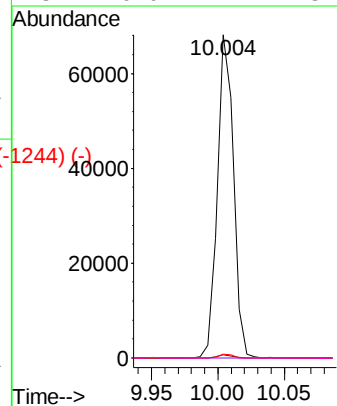
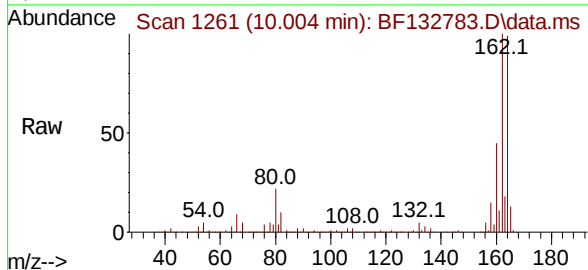
Abundance Scan 1260 (10.248 min): BF132504.D\data.ms (-1254) (-)



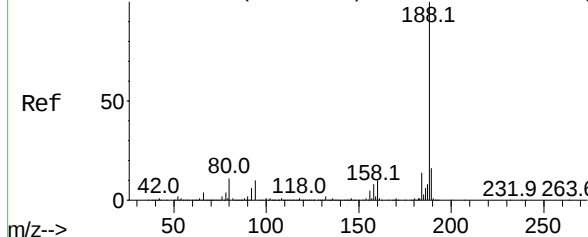
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 10.004 min Scan# 1515
Delta R.T. -0.200 min
Lab File: BF132783.D
Acq: 14 Mar 2023 17:49

Instrument :
BNA_F
ClientSampleId :
C0AA6

Tgt Ion:	165	Resp:	57454
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.5	54.7#
89	1.1	62.4	93.6#
182	0.0	2.1	3.1#

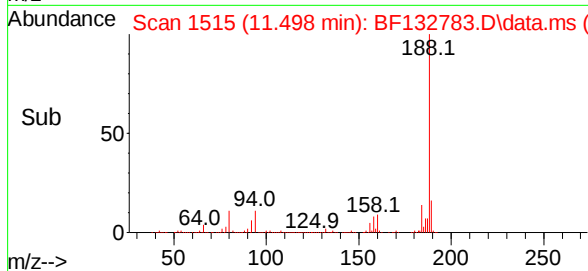
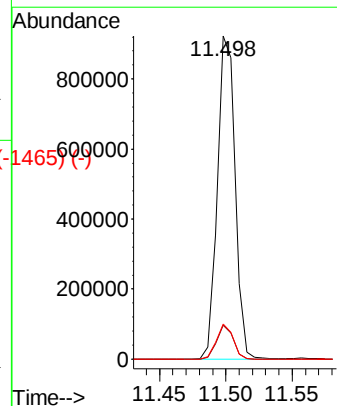
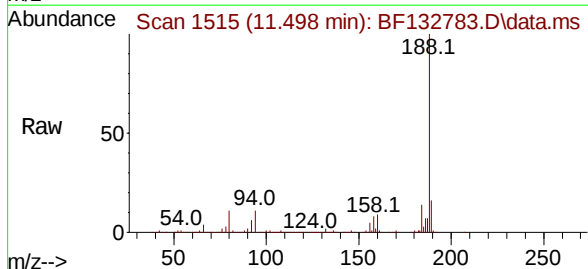


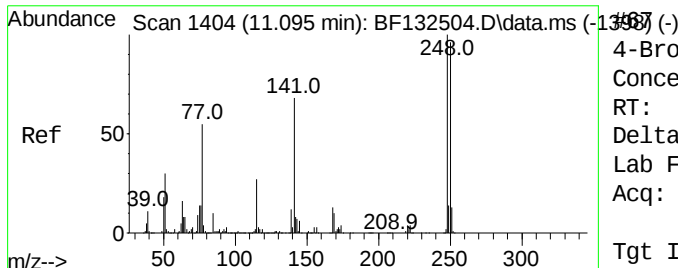
Abundance Scan 1482 (11.554 min): BF132504.D\data.ms (-1478) (-)



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF132783.D
Acq: 14 Mar 2023 17:49

Tgt Ion:	188	Resp:	853403
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	10.8	8.7	13.1

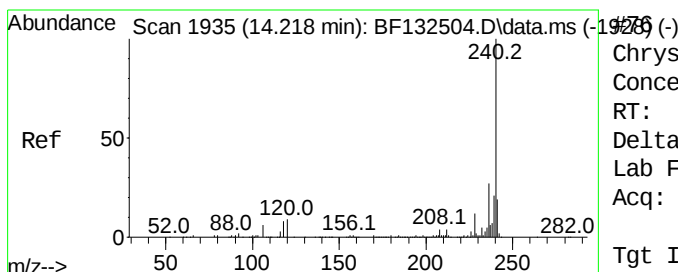
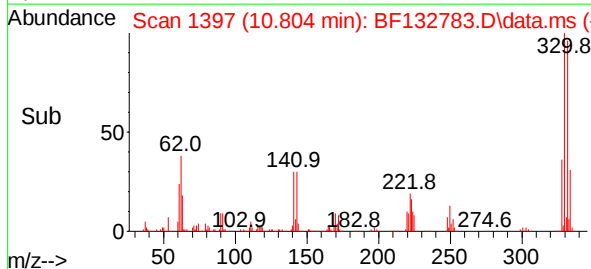
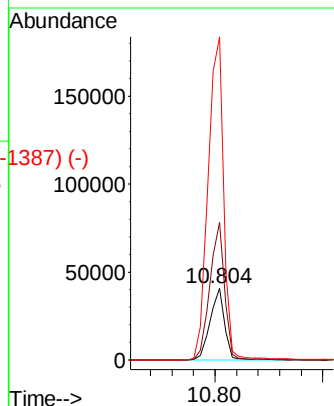
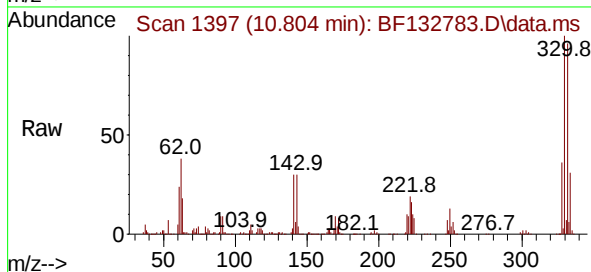




4-Bromophenyl-phenylether
 Concen: 3.867 ng
 RT: 10.804 min Scan# 1387
 Delta R.T. -0.241 min
 Lab File: BF132783.D
 Acq: 14 Mar 2023 17:49

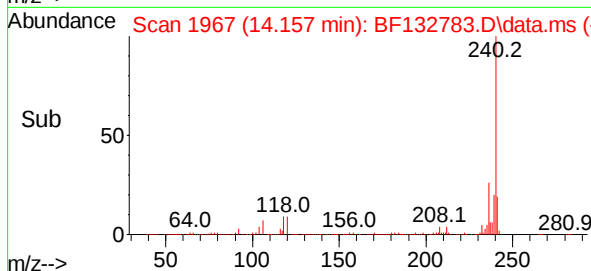
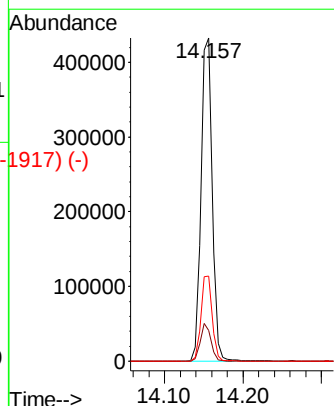
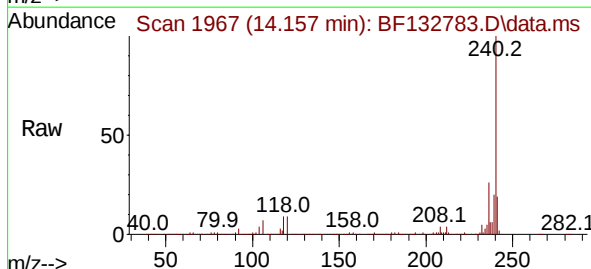
Instrument :
 BNA_F
 ClientSampleId :
 C0AA6

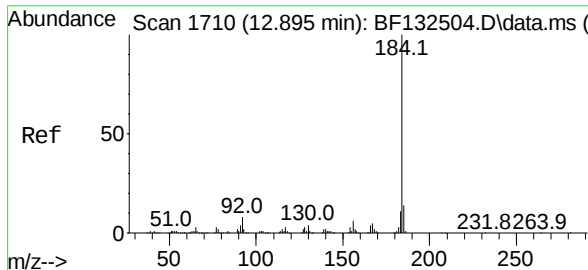
Tgt Ion:	248	Resp:	37334
Ion	Ratio	Lower	Upper
248	100		
250	191.8	77.0	115.4#
141	450.2	54.2	81.2#



Chrysene-d12
 Concen: 20.000 ng
 RT: 14.157 min Scan# 1967
 Delta R.T. -0.006 min
 Lab File: BF132783.D
 Acq: 14 Mar 2023 17:49

Tgt Ion:	240	Resp:	425898
Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.2	10.8
236	26.2	21.8	32.6

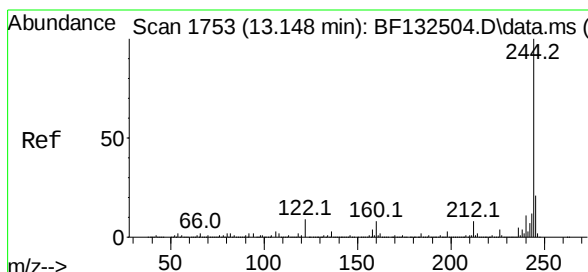
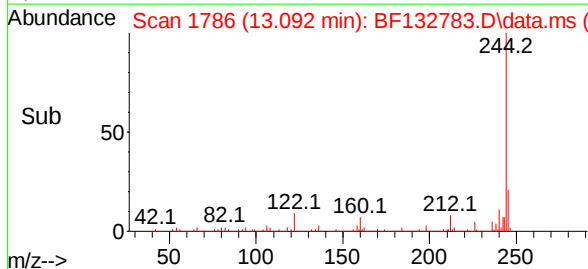
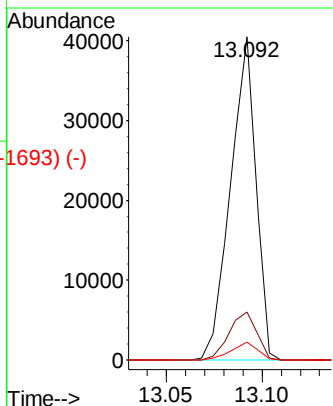
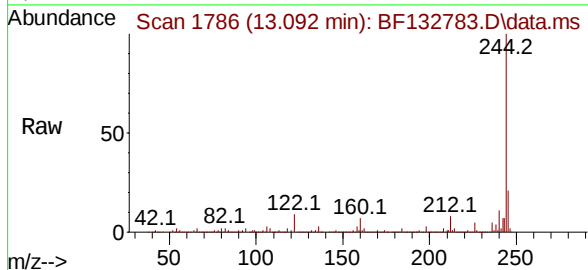




Benzidine
Concen: 3.592 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF132783.D
Acq: 14 Mar 2023 17:49

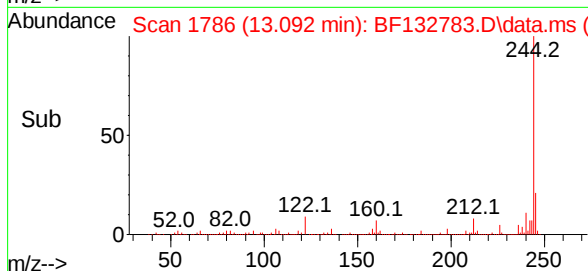
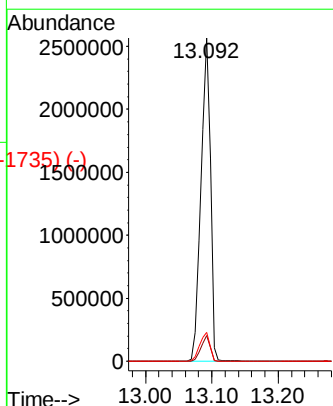
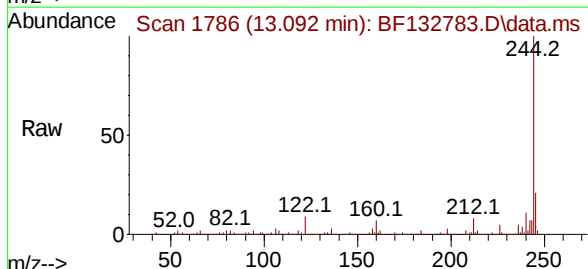
Instrument :
BNA_F
ClientSampleId :
C0AA6

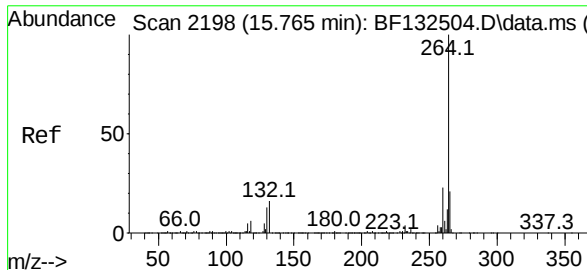
Tgt Ion:	184	Resp:	37244
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.7	17.5
183	5.6	8.7	13.1#



Terphenyl-d14
Concen: 103.083 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132783.D
Acq: 14 Mar 2023 17:49

Tgt Ion:	244	Resp:	2596648
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.9	7.5	11.3





Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF132783.D
 Acq: 14 Mar 2023 17:49

Instrument :
 BNA_F
 ClientSampleId :
 C0AA6

Tgt Ion:	264	Resp:	448664
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.8	28.2
265	21.9	17.1	25.7

