

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132780.D
 Acq On : 14 Mar 2023 16:12
 Operator : CG\JU
 Sample : 01891-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA7

Quant Time: Mar 14 17:17:36 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)

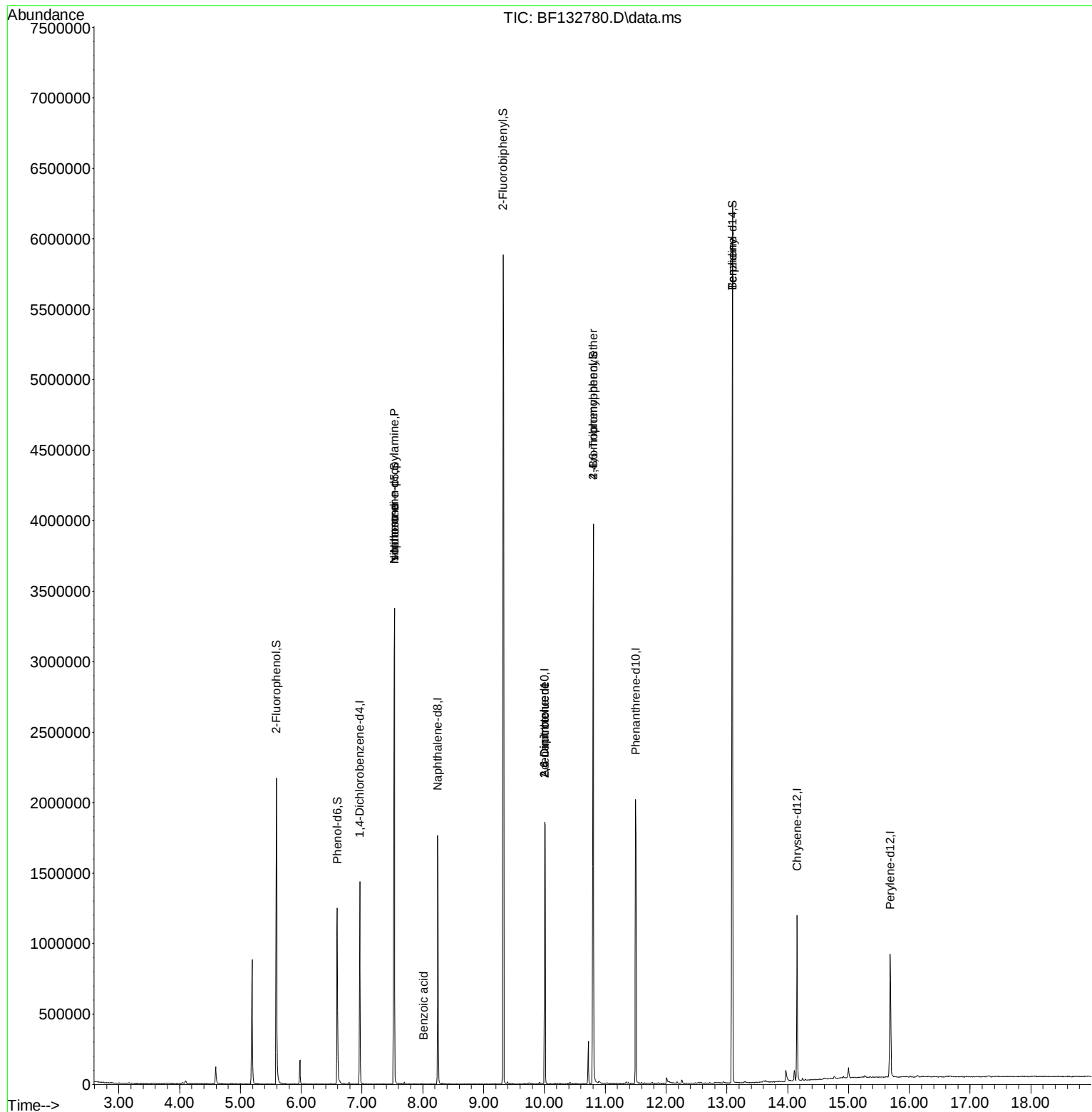
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	204202	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	745552	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	402896	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	777088	20.000	ng	0.00
76) Chrysene-d12	14.157	240	391791	20.000	ng	0.00
86) Perylene-d12	15.686	264	425394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	623000	49.515	ng	0.00
7) Phenol-d6	6.592	99	476223	29.002	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1213063	77.195	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	504762	116.008	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1911971	72.259	ng	0.00
79) Terphenyl-d14	13.092	244	2320861	100.155	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.534	70	157535	15.588	ng	# 75
25) Isophorone	7.534	82	1213055	40.264	ng	# 67
32) Benzoic acid	8.016	122	55	3.842	ng	# 74
51) 2,6-Dinitrotoluene	10.004	165	52382	7.841	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	52382	5.893	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	33537	3.815	ng	# 1
77) Benzidine	13.092	184	32312	3.388	ng	# 91

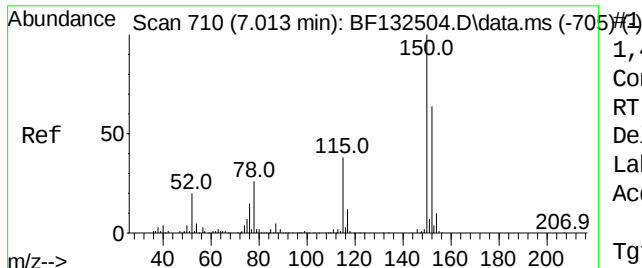
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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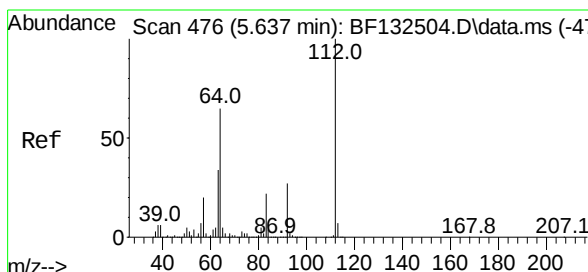
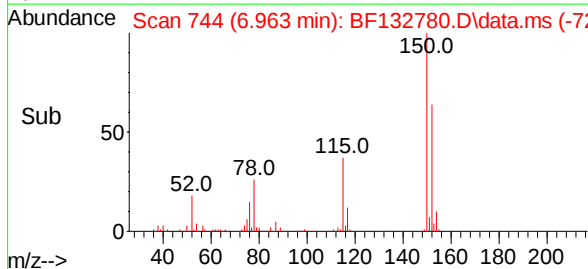
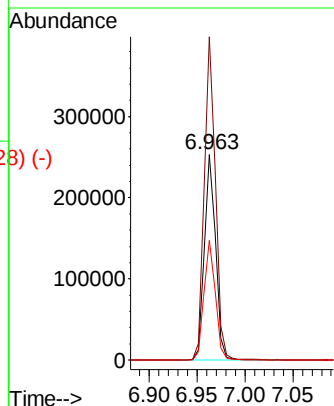
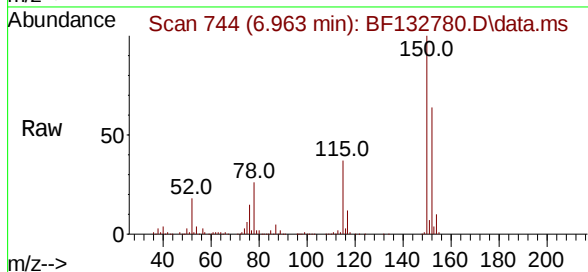




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF132780.D
 Acq: 14 Mar 2023 16:12

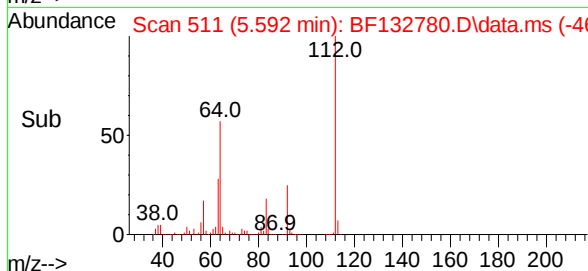
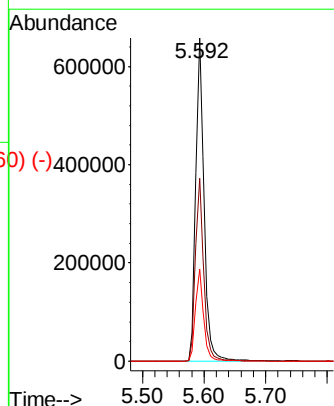
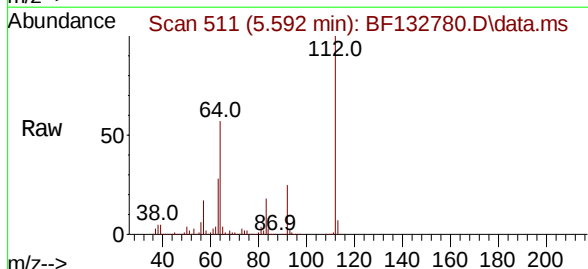
Instrument :
 BNA_F
 ClientSampleId :
 C0AA7

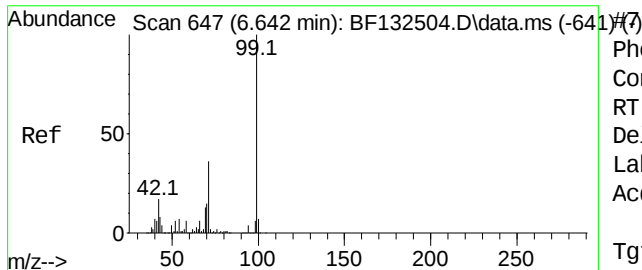
Tgt Ion:152 Resp: 204202
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.4 188.2
 115 58.0 47.8 71.6



2-Fluorophenol
 Concen: 49.515 ng
 RT: 5.592 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: BF132780.D
 Acq: 14 Mar 2023 16:12

Tgt Ion:112 Resp: 623000
 Ion Ratio Lower Upper
 112 100
 64 56.7 51.6 77.4
 63 28.4 27.4 41.2

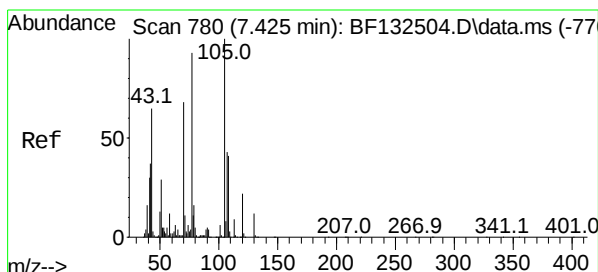
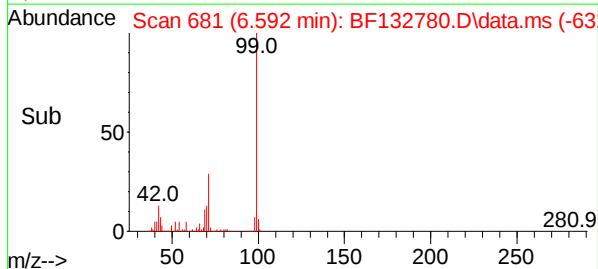
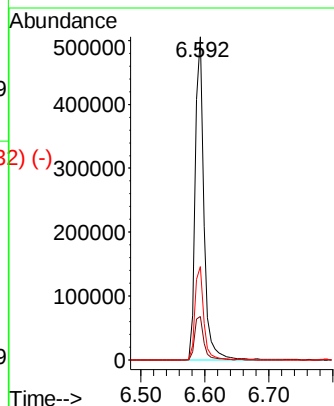
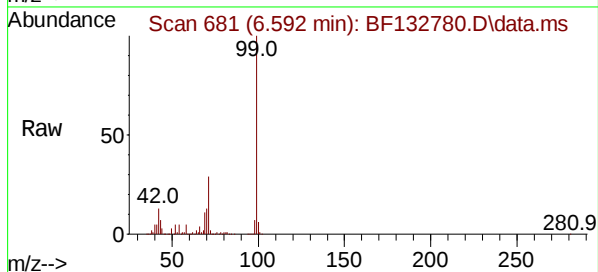




Phenol-d6
Concen: 29.002 ng
RT: 6.592 min Scan# 647
Delta R.T. -0.012 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

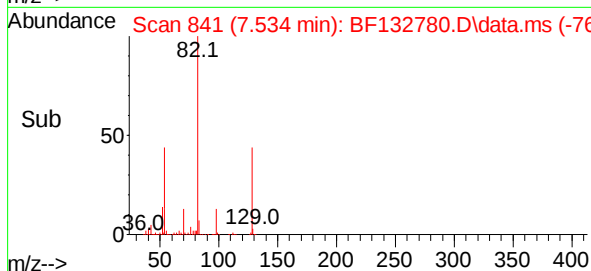
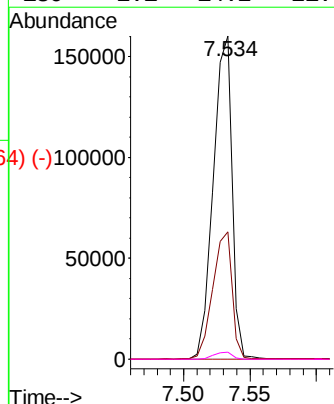
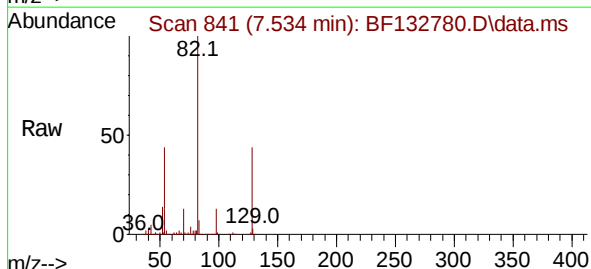
Instrument :
BNA_F
ClientSampleId :
C0AA7

Tgt Ion: 99 Resp: 476223
Ion Ratio Lower Upper
99 100
42 13.5 13.9 20.9#
71 28.9 28.5 42.7



n-Nitroso-di-n-propylamine
Concen: 15.588 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Tgt Ion: 70 Resp: 157535
Ion Ratio Lower Upper
70 100
42 39.5 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: 8.245 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF132780.D

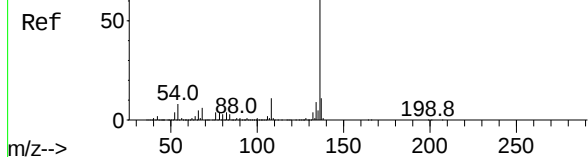
Acq: 14 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

C0AA7



Tgt Ion:136 Resp: 745552

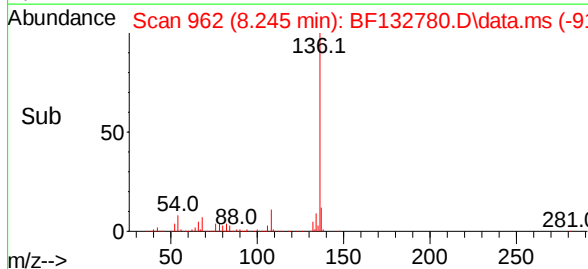
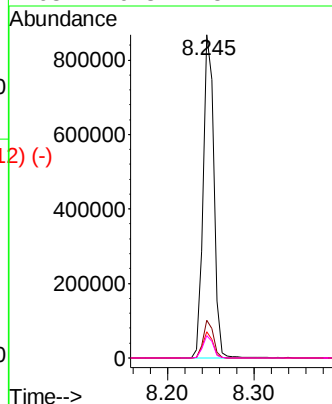
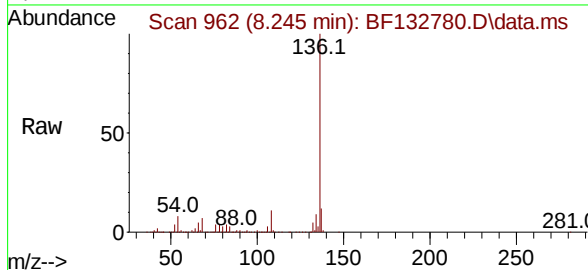
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.1 6.2 9.4

68 6.8 5.2 7.8



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

Nitrobenzene-d5

Concen: 77.195 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

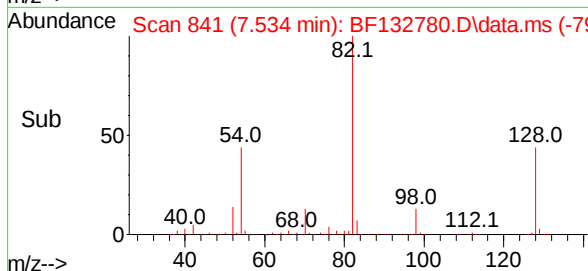
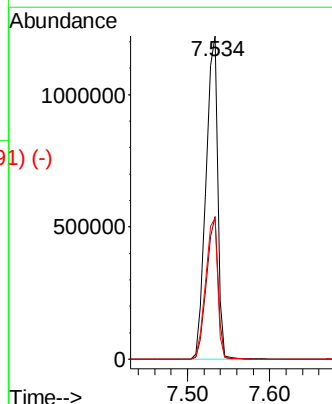
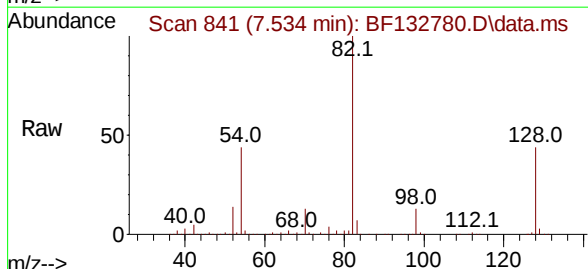
Tgt Ion: 82 Resp: 1213063

Ion Ratio Lower Upper

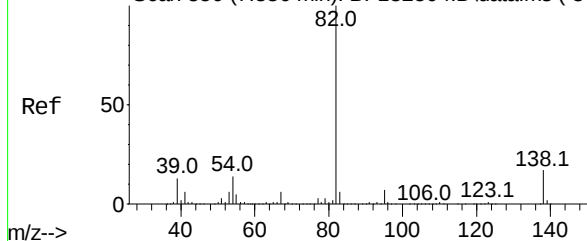
82 100

128 44.2 32.2 48.2

54 43.6 38.4 57.6



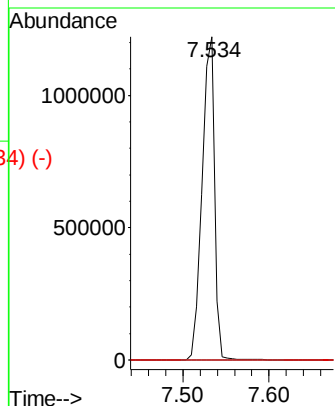
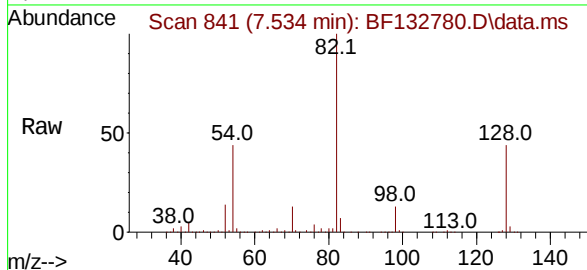
Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



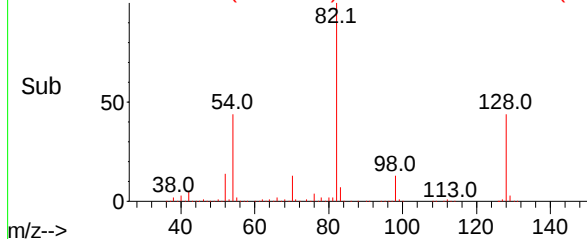
Isophorone
Concen: 40.264 ng
RT: 7.534 min Scan# 812
Delta R.T. -0.259 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Instrument :
BNA_F
ClientSampleId :
C0AA7

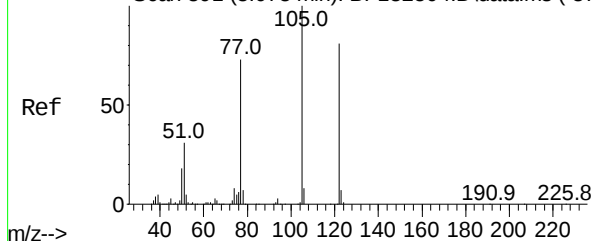
Tgt Ion: 82 Resp: 1213055
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



Abundance Scan 841 (7.534 min): BF132780.D\data.ms (-834) (-)

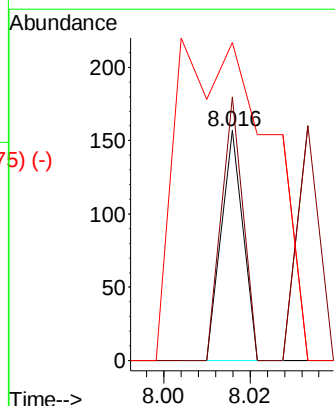
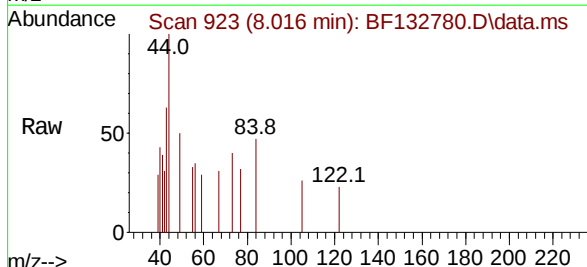


Abundance Scan 891 (8.078 min): BF132504.D\data.ms (-875) #32

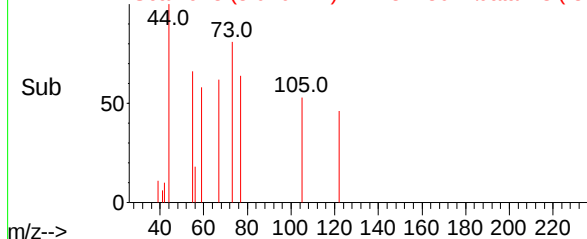


Benzoic acid
Concen: 3.842 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.018 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 114.6 102.6 142.6
77 138.2 70.2 110.2#



Abundance Scan 923 (8.016 min): BF132780.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: BF132780.D

Acq: 14 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

C0AA7

Tgt Ion:164 Resp: 402896

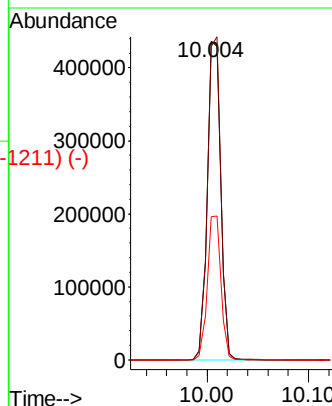
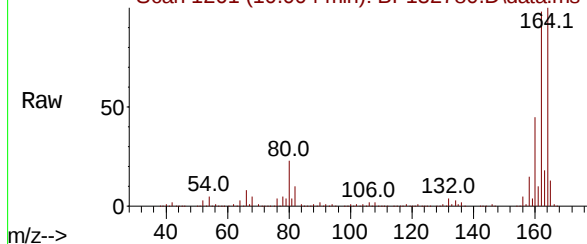
Ion Ratio Lower Upper

164 100

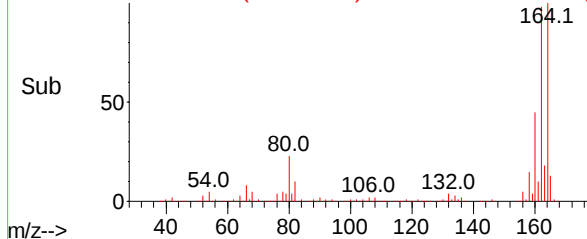
162 98.4 79.8 119.8

160 44.9 35.8 53.6

Abundance Scan 1261 (10.004 min): BF132780.D\data.ms



Abundance Scan 1261 (10.004 min): BF132780.D\data.ms (-1211) (-)



Abundance Scan 1364 (10.860 min): BF132504.D\data.ms (-1347) (-)

2,4,6-Tribromophenol

Concen: 116.008 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

Tgt Ion:330 Resp: 504762

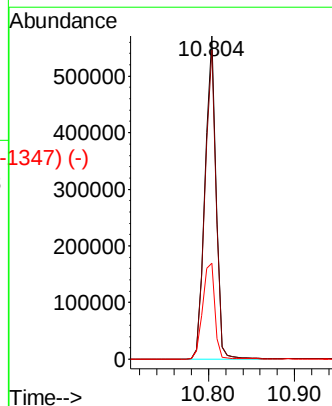
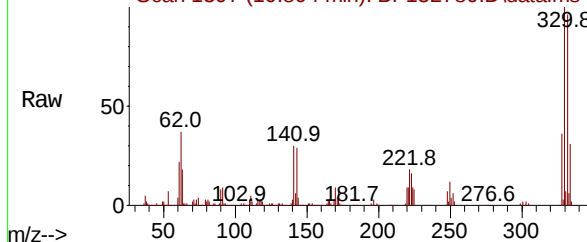
Ion Ratio Lower Upper

330 100

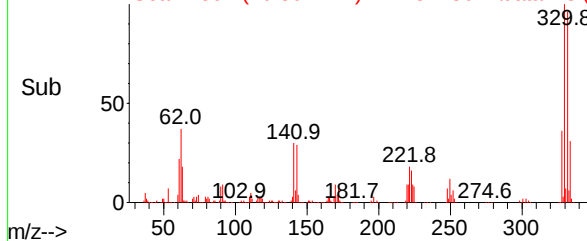
332 97.0 76.2 114.4

141 32.8 28.4 42.6

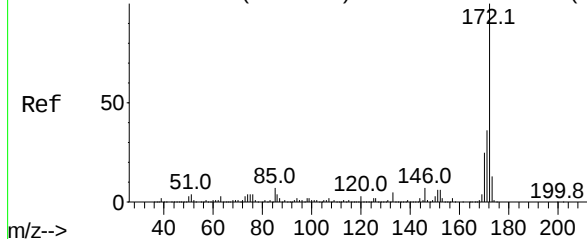
Abundance Scan 1397 (10.804 min): BF132780.D\data.ms



Abundance Scan 1397 (10.804 min): BF132780.D\data.ms (-1347) (-)



Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-110245)



2-Fluorobiphenyl

Concen: 72.259 ng

RT: 9.322 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

C0AA7

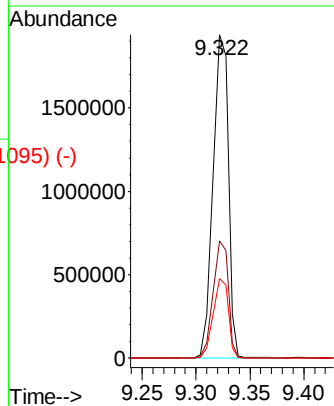
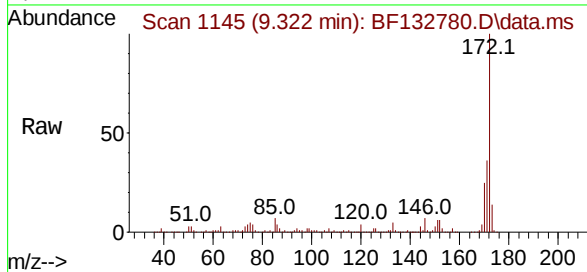
Tgt Ion:172 Resp: 1911971

Ion Ratio Lower Upper

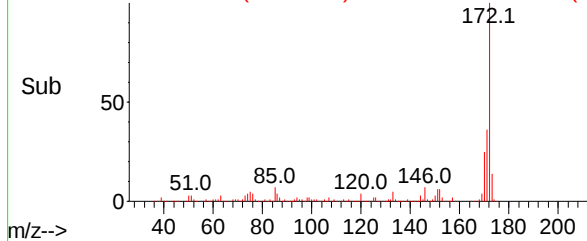
172 100

171 36.1 28.8 43.2

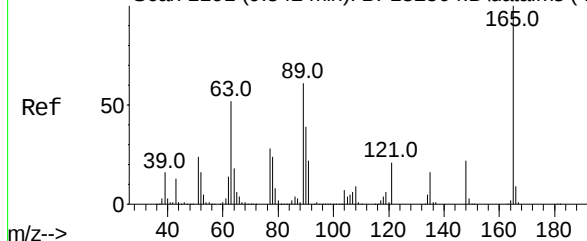
170 24.6 19.7 29.5



Abundance Scan 1145 (9.322 min): BF132780.D\data.ms (-1095) (-)



Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-110245)



2,6-Dinitrotoluene

Concen: 7.841 ng

RT: 10.004 min Scan# 1261

Delta R.T. 0.206 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

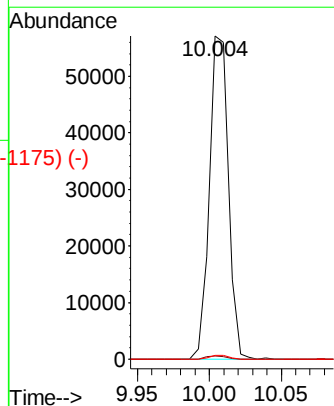
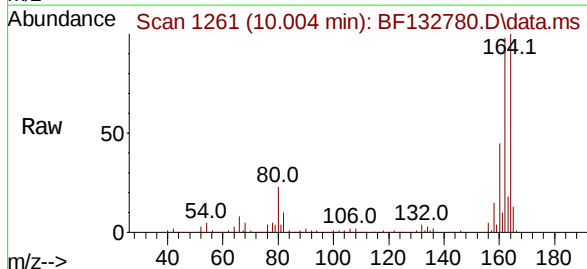
Tgt Ion:165 Resp: 52382

Ion Ratio Lower Upper

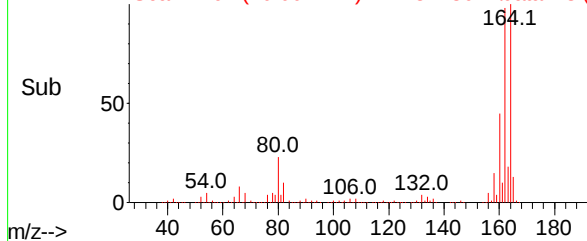
165 100

63 0.9 47.3 70.9#

89 1.2 48.9 73.3#



Abundance Scan 1261 (10.004 min): BF132780.D\data.ms (-1175) (-)



Abundance Scan 1260 (10.248 min): BF132504.D\data.ms (-1257) (-)

2,4-Dinitrotoluene

Concen: 5.893 ng

RT: 10.004 min Scan# 1515

Delta R.T. -0.200 min

Lab File: BF132780.D

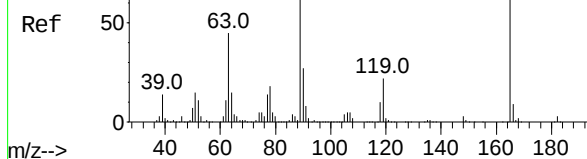
Acq: 14 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

C0AA7



Tgt Ion:165 Resp: 52382

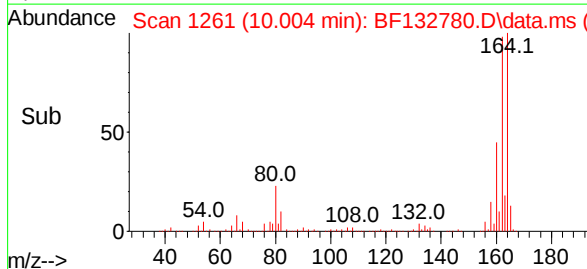
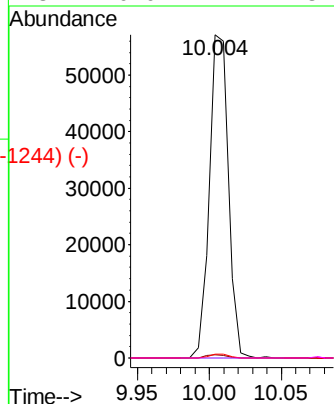
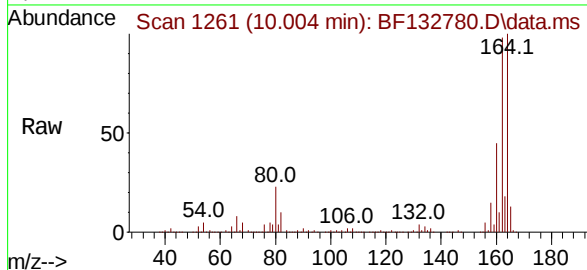
Ion Ratio Lower Upper

165 100

63 0.9 36.5 54.7#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#



Abundance Scan 1482 (11.554 min): BF132504.D\data.ms (-1484) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

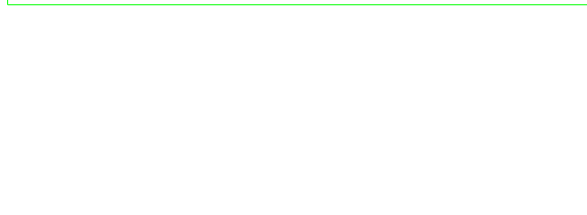
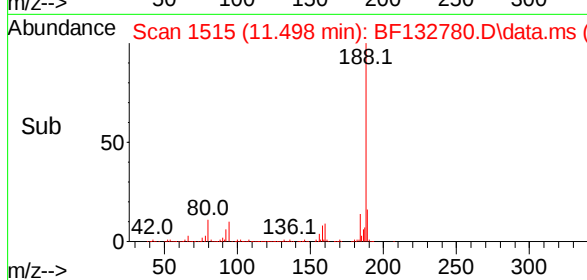
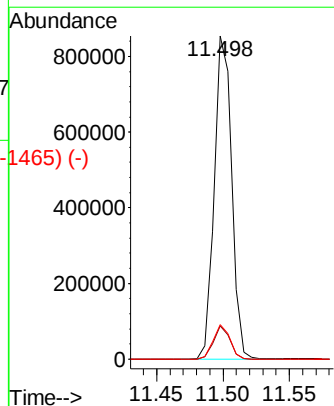
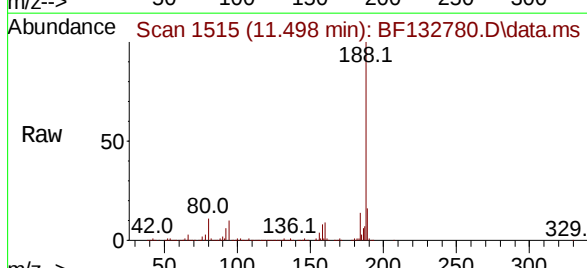
Tgt Ion:188 Resp: 777088

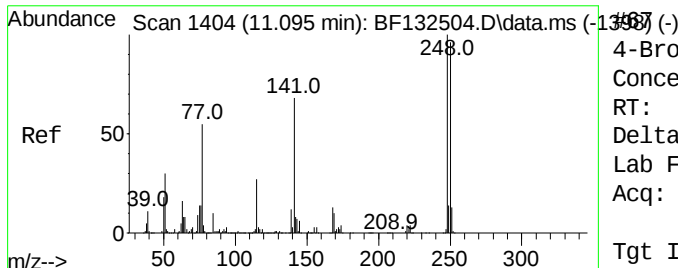
Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 10.8 8.7 13.1

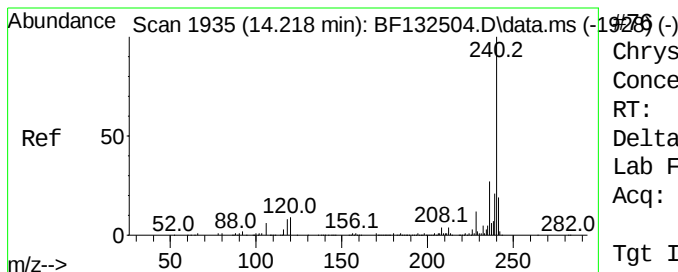
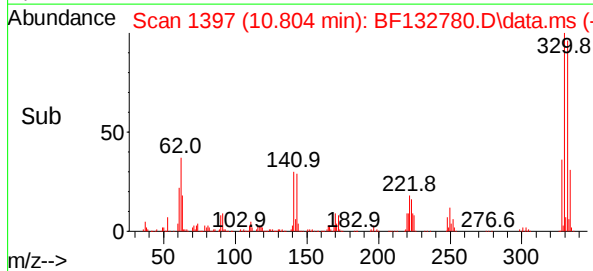
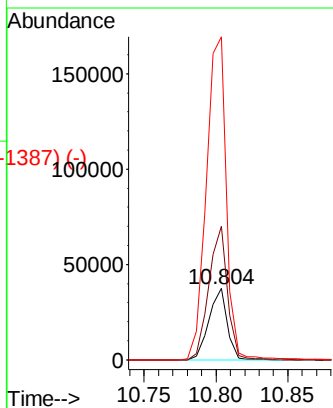
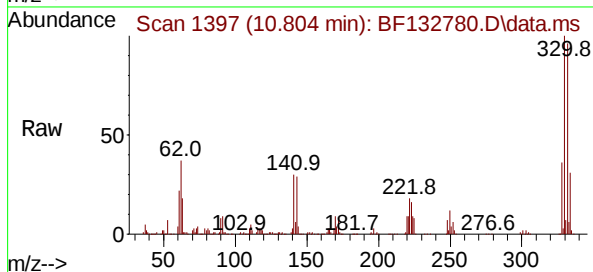




4-Bromophenyl-phenylether
Concen: 3.815 ng
RT: 10.804 min Scan# 1387
Delta R.T. -0.241 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

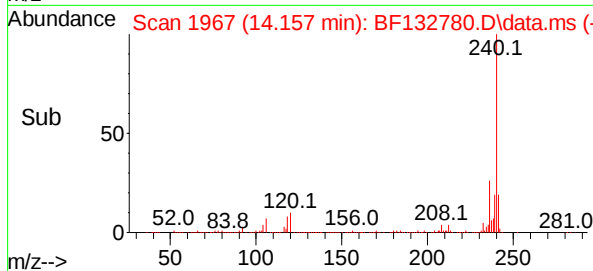
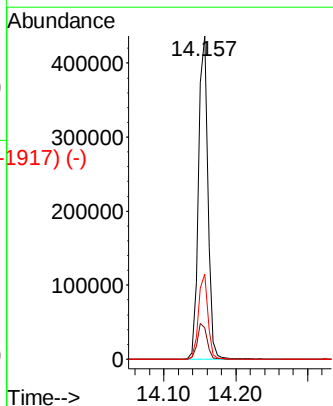
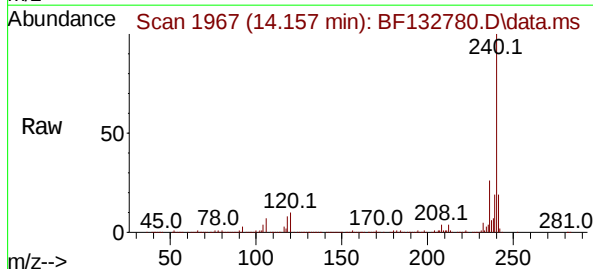
Instrument :
BNA_F
ClientSampleId :
C0AA7

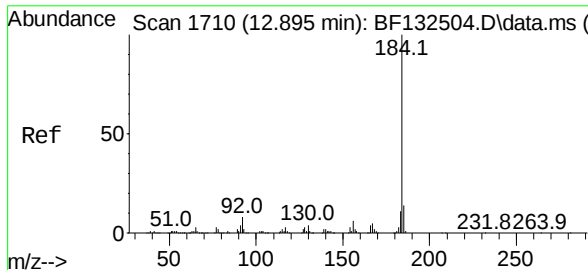
Tgt Ion:248 Resp: 33537
Ion Ratio Lower Upper
248 100
250 187.4 77.0 115.4#
141 452.9 54.2 81.2#



Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Tgt Ion:240 Resp: 391791
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.3 21.8 32.6

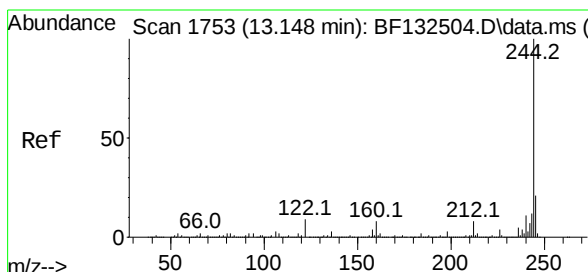
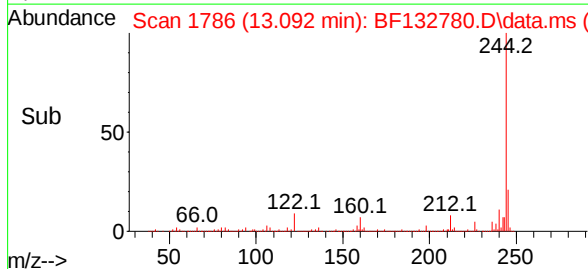
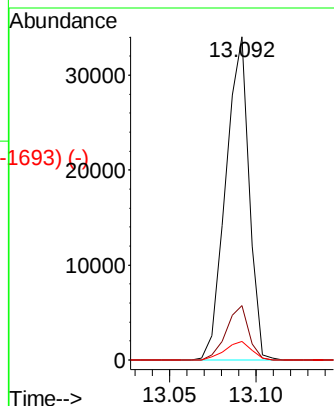
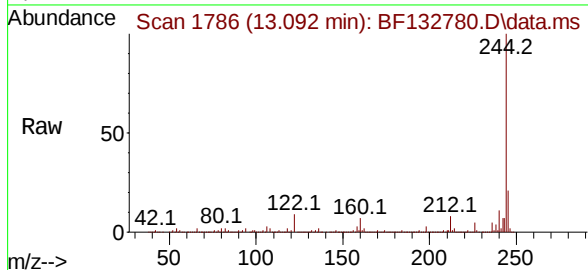




Benzidine
Concen: 3.388 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

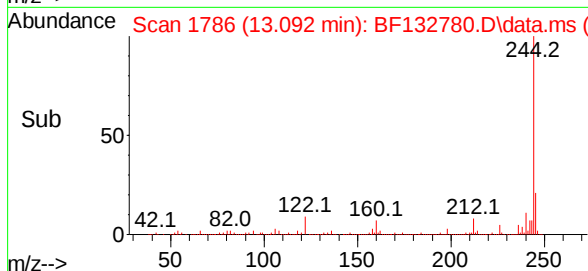
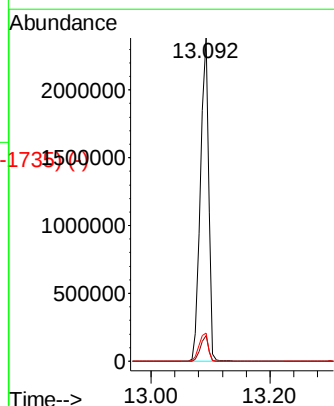
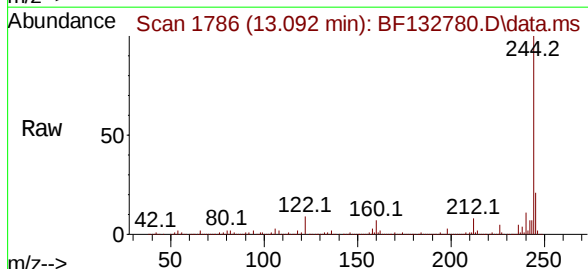
Instrument :
BNA_F
ClientSampleId :
C0AA7

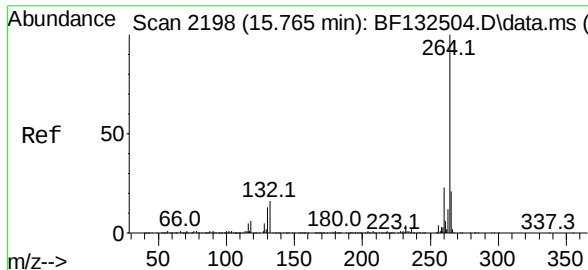
Tgt Ion:	184	Resp:	32312
Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.7	17.5
183	5.6	8.7	13.1#



Terphenyl-d14
Concen: 100.155 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Tgt Ion:	244	Resp:	2320861
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.8	7.5	11.3





Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2198
 Delta R.T. -0.006 min
 Lab File: BF132780.D
 Acq: 14 Mar 2023 16:12

Instrument :
 BNA_F
 ClientSampleId :
 C0AA7

Tgt Ion:	264	Resp:	425394
Ion Ratio		Lower	Upper
264	100		
260	24.6	18.8	28.2
265	20.7	17.1	25.7

