

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132784.D
 Acq On : 14 Mar 2023 18:21
 Operator : CG\JU
 Sample : 01894-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA8

Quant Time: Mar 14 19:08:51 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)

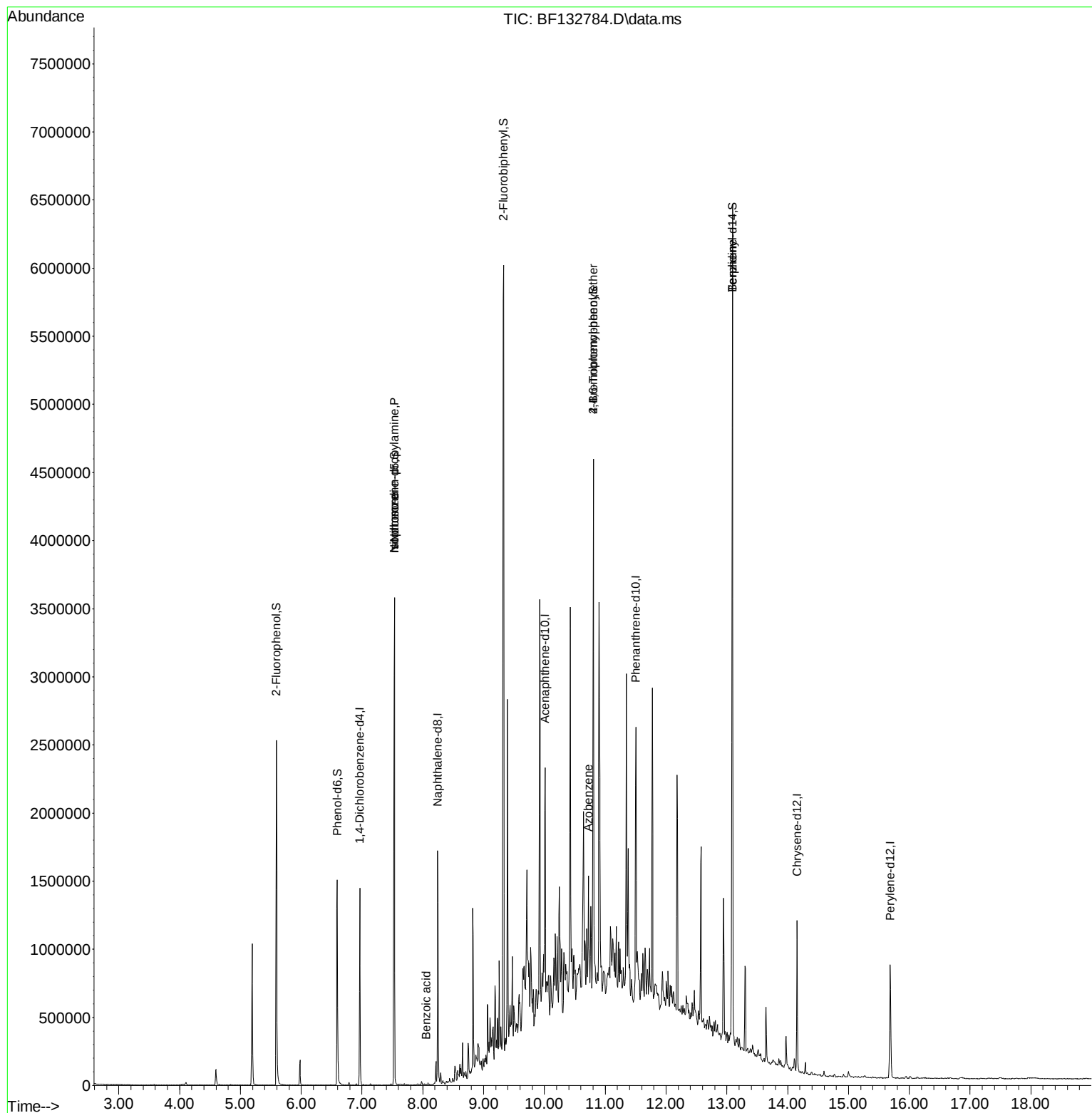
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	204333	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	718673	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	359361	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	712946	20.000	ng	0.00
76) Chrysene-d12	14.157	240	377045	20.000	ng	0.00
86) Perylene-d12	15.686	264	406211	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	715810	56.855	ng	0.00
7) Phenol-d6	6.592	99	566701	34.489	ng	-0.01
23) Nitrobenzene-d5	7.533	82	1251166	82.598	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	536758	138.306	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1939692	82.187	ng	0.00
79) Terphenyl-d14	13.092	244	2344952	105.152	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.533	70	164608	16.278	ng	# 73
25) Isophorone	7.533	82	1251166	43.082	ng	# 67
32) Benzoic acid	8.057	122	78	3.844	ng	# 1
63) Azobenzene	10.722	77	91886	3.395	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	34631	4.294	ng	# 1
77) Benzidine	13.092	184	33071	3.603	ng	# 94

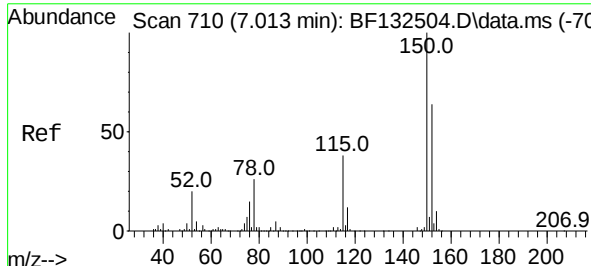
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 14 15:35:42 2023
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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: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

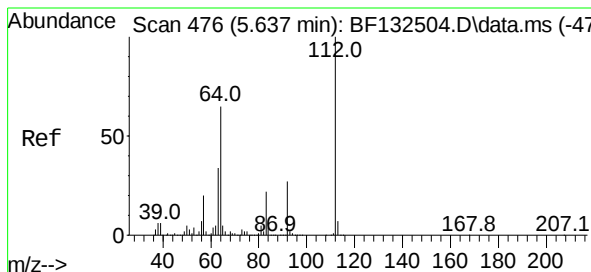
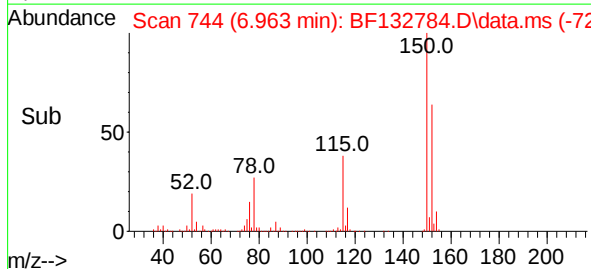
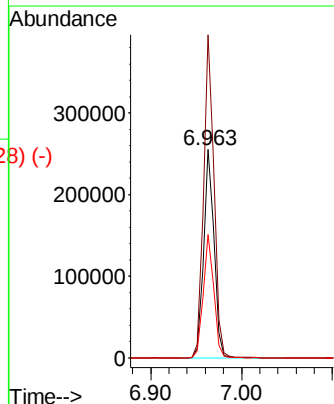
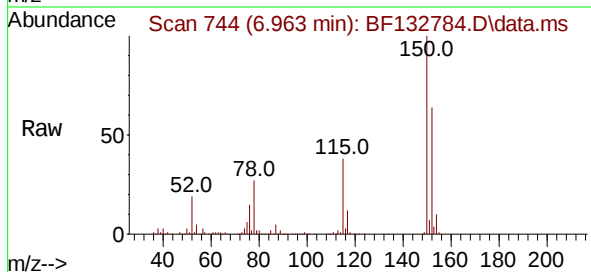
Tgt Ion:152 Resp: 204333

Ion Ratio Lower Upper

152 100

150 155.1 125.4 188.2

115 59.3 47.8 71.6



2-Fluorophenol

Concen: 56.855 ng

RT: 5.592 min Scan# 511

Delta R.T. -0.000 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

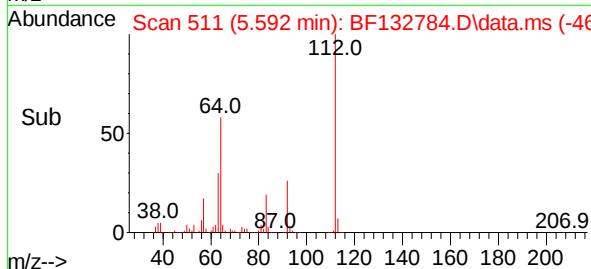
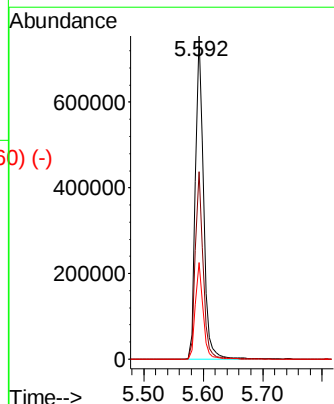
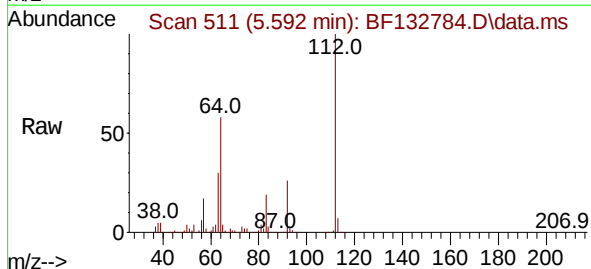
Tgt Ion:112 Resp: 715810

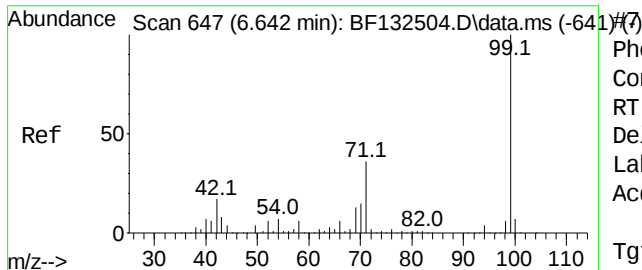
Ion Ratio Lower Upper

112 100

64 58.0 51.6 77.4

63 29.9 27.4 41.2





Phenol-d6

Concen: 34.489 ng

RT: 6.592 min Scan# 681

Delta R.T. -0.012 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

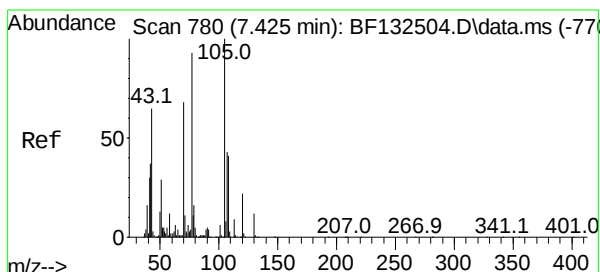
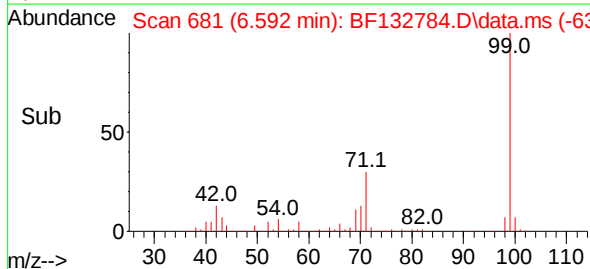
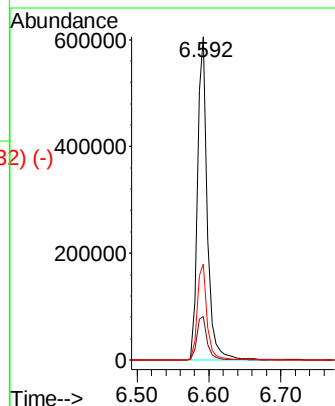
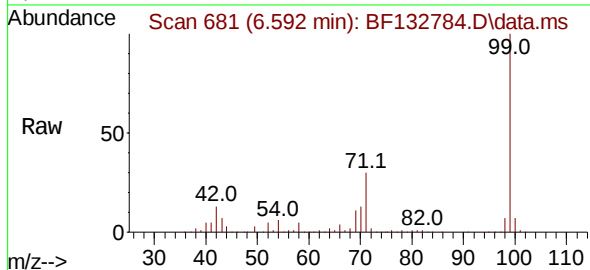
Tgt Ion: 99 Resp: 566701

Ion Ratio Lower Upper

99 100

42 13.4 13.9 20.9#

71 29.7 28.5 42.7



n-Nitroso-di-n-propylamine

Concen: 16.278 ng

RT: 7.533 min Scan# 841

Delta R.T. 0.153 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Tgt Ion: 70 Resp: 164608

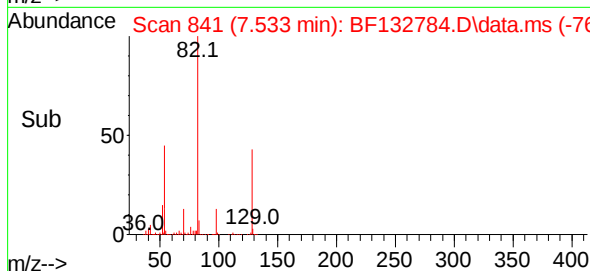
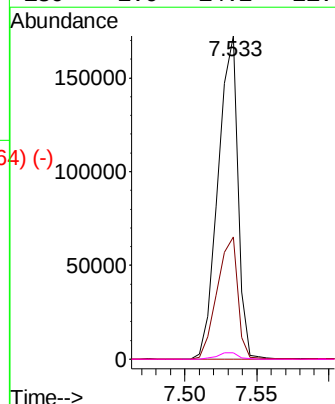
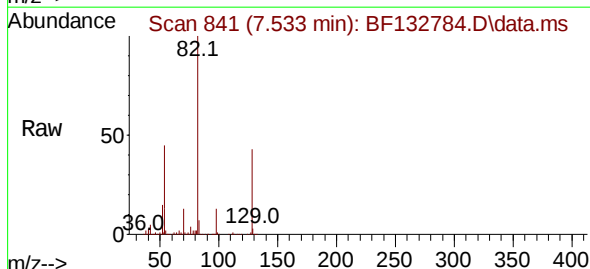
Ion Ratio Lower Upper

70 100

42 37.9 44.1 66.1#

101 0.0 7.4 11.2#

130 2.0 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: BF132784.D

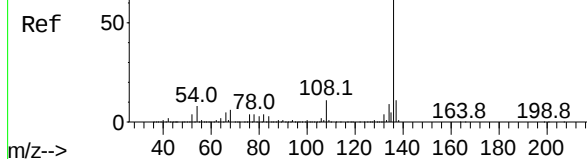
Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8



Tgt Ion:136 Resp: 718673

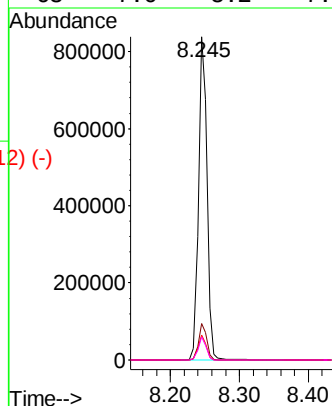
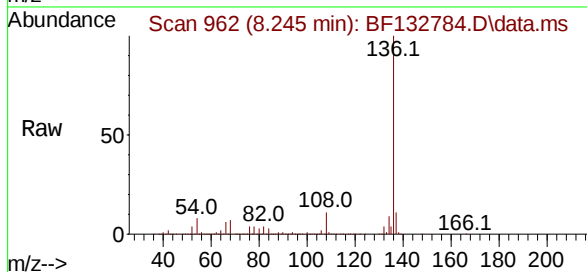
Ion Ratio Lower Upper

136 100

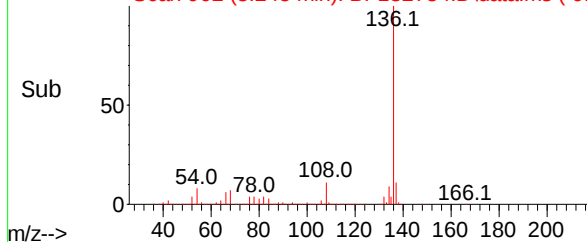
137 11.4 8.9 13.3

54 7.8 6.2 9.4

68 7.0 5.2 7.8



Abundance Scan 962 (8.245 min): BF132784.D\data.ms (-912) (-)



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

Nitrobenzene-d5

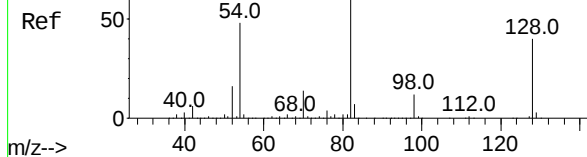
Concen: 82.598 ng

RT: 7.533 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21



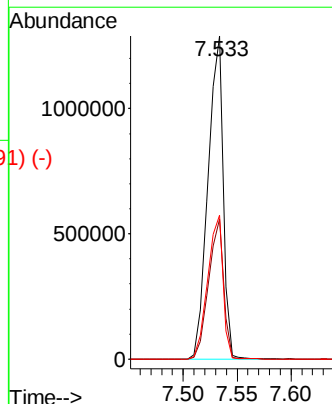
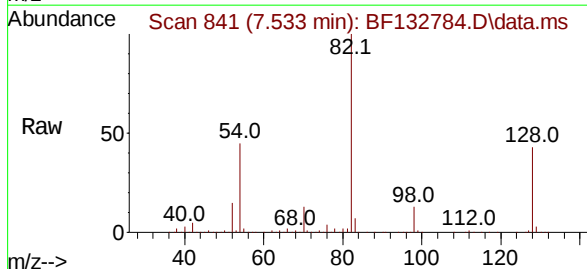
Tgt Ion: 82 Resp: 1251166

Ion Ratio Lower Upper

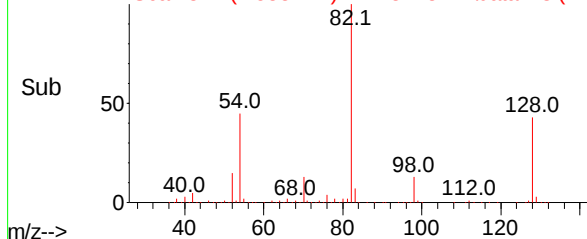
82 100

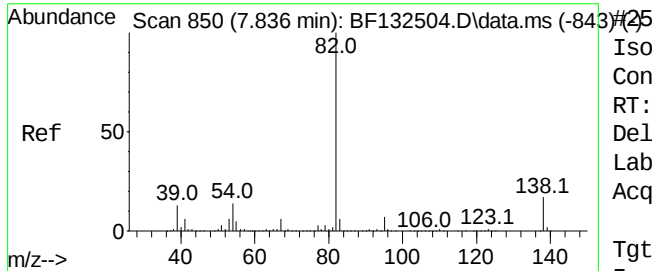
128 43.4 32.2 48.2

54 44.6 38.4 57.6



Abundance Scan 841 (7.533 min): BF132784.D\data.ms (-791) (-)





Isophorone

Concen: 43.082 ng

RT: 7.533 min Scan# 812

Delta R.T. -0.259 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

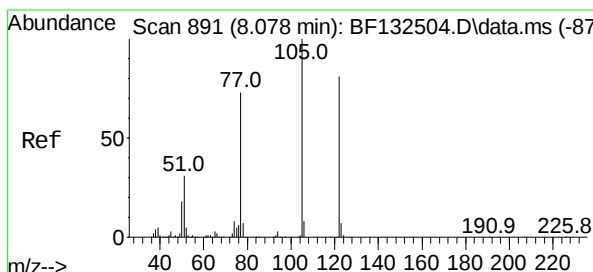
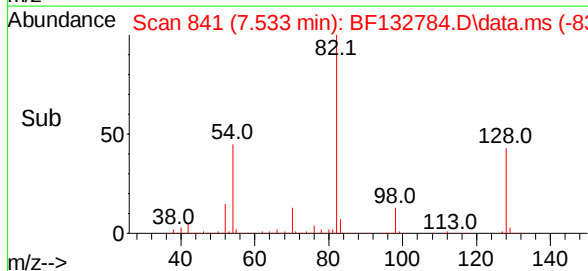
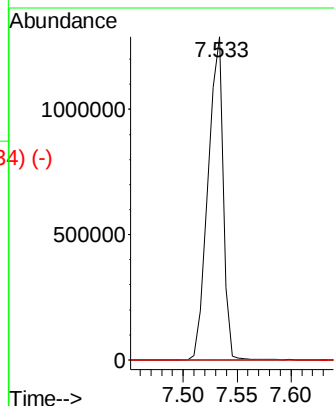
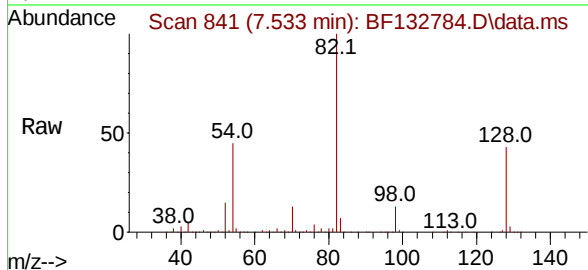
Tgt Ion: 82 Resp: 1251166

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#



Benzoic acid

Concen: 3.844 ng

RT: 8.057 min Scan# 930

Delta R.T. 0.023 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

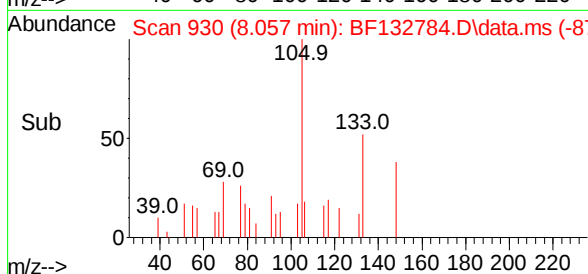
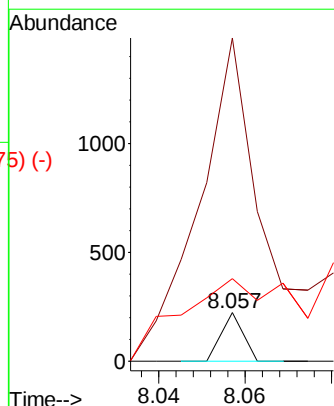
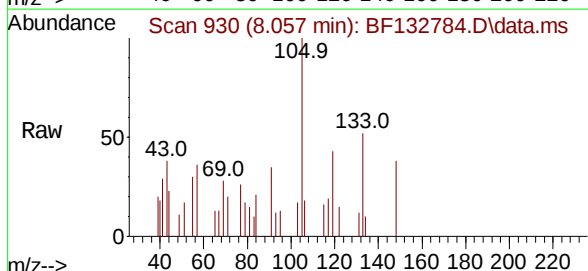
Tgt Ion:122 Resp: 78

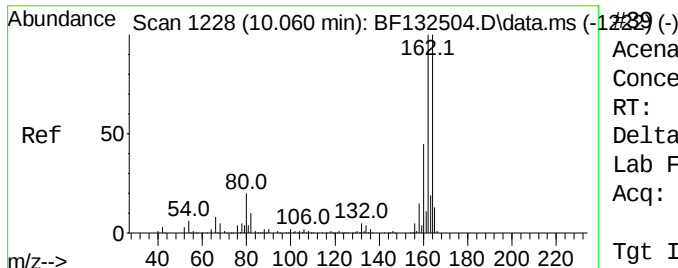
Ion Ratio Lower Upper

122 100

105 668.5 102.6 142.6#

77 170.7 70.2 110.2#

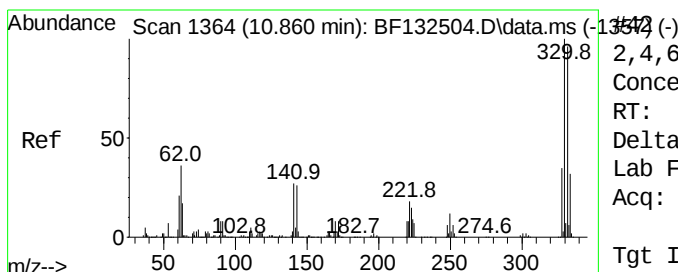
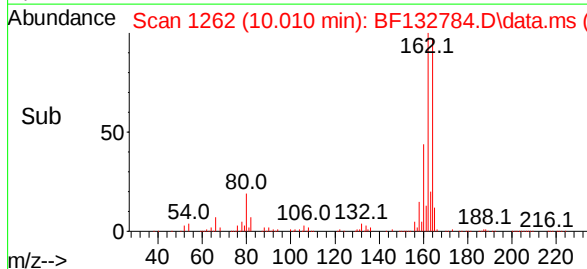
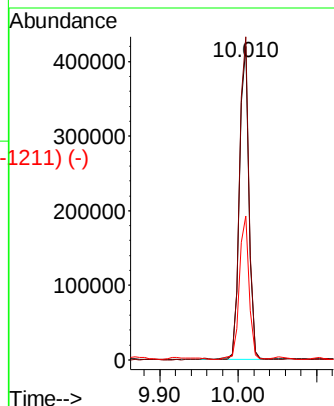
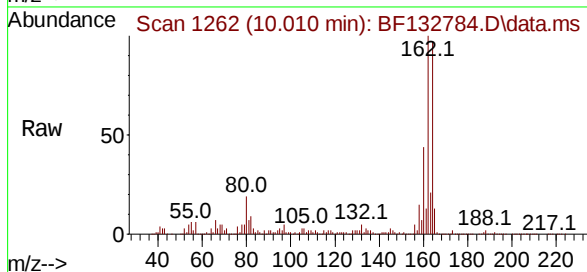




Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: BF132784.D
 Acq: 14 Mar 2023 18:21

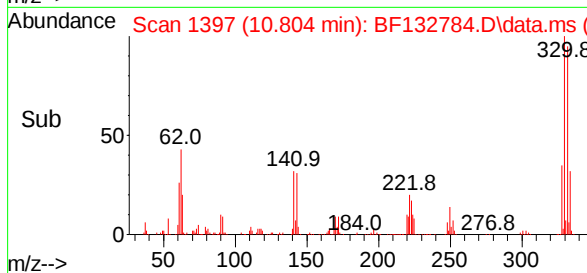
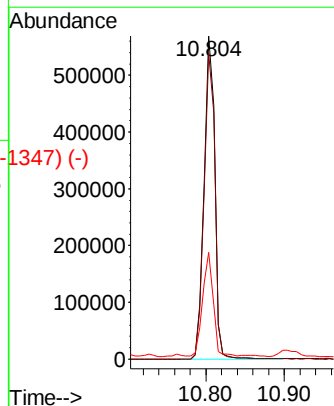
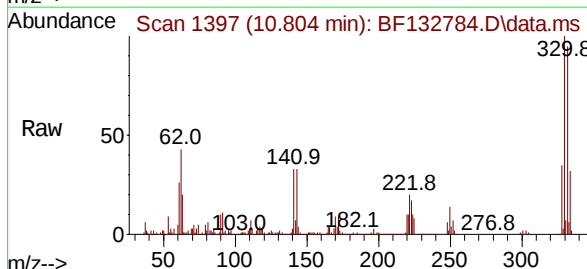
Instrument :
 BNA_F
 ClientSampleId :
 C0AA8

Tgt Ion:	164	Resp:	359361
Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.8	119.8
160	45.9	35.8	53.6

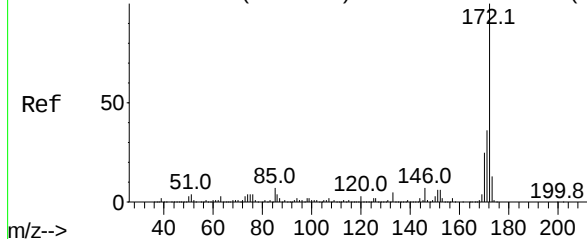


2,4,6-Tribromophenol
 Concen: 138.306 ng
 RT: 10.804 min Scan# 1397
 Delta R.T. -0.006 min
 Lab File: BF132784.D
 Acq: 14 Mar 2023 18:21

Tgt Ion:	330	Resp:	536758
Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	31.2	28.4	42.6



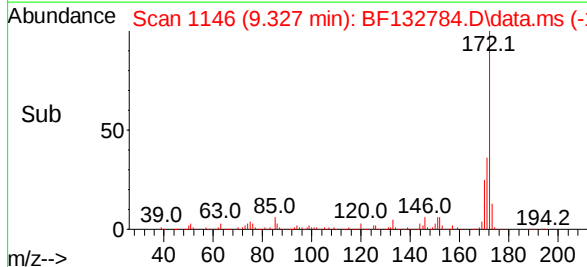
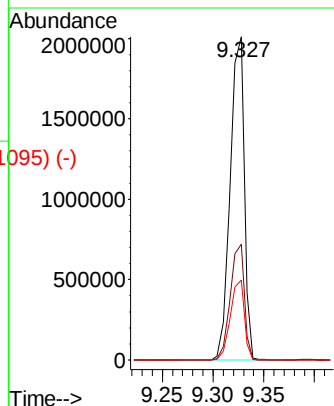
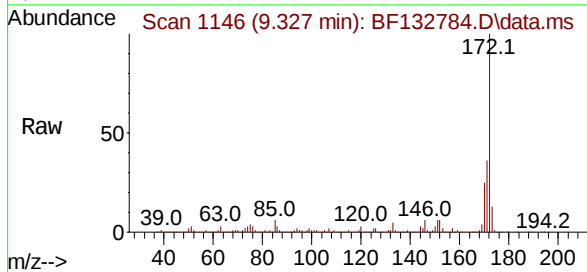
Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-11024)



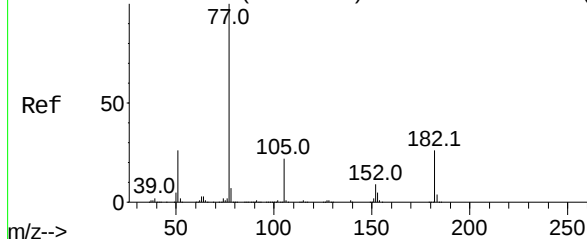
2-Fluorobiphenyl
Concen: 82.187 ng
RT: 9.327 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

Instrument :
BNA_F
ClientSampleId :
C0AA8

Tgt Ion:	172	Resp:	1939692
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	24.8	19.7	29.5

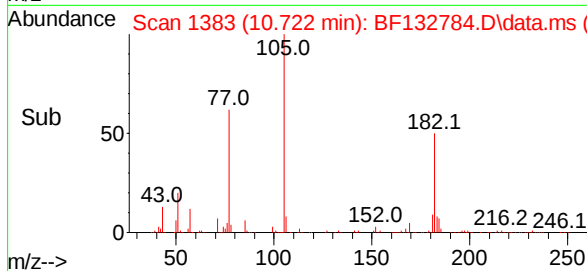
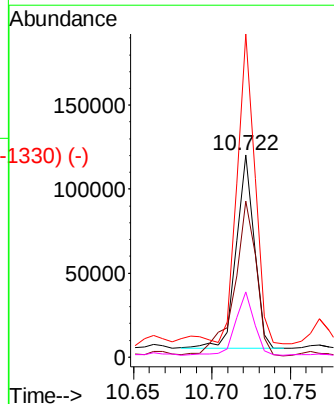
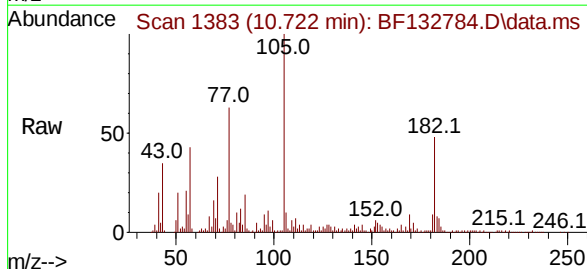


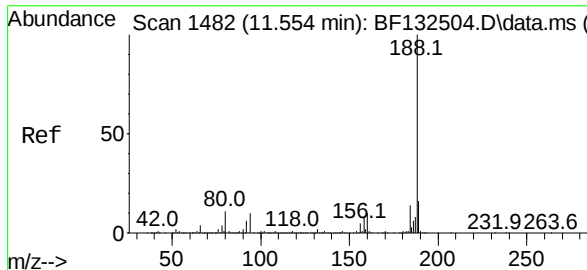
Abundance Scan 1348 (10.766 min): BF132504.D\data.ms (-1363)



Azobenzene
Concen: 3.395 ng
RT: 10.722 min Scan# 1383
Delta R.T. 0.012 min
Lab File: BF132784.D
Acq: 14 Mar 2023 18:21

Tgt Ion:	77	Resp:	91886
Ion	Ratio	Lower	Upper
77	100		
182	77.2	5.5	45.5#
105	159.6	1.8	41.8#
51	32.1	6.4	46.4

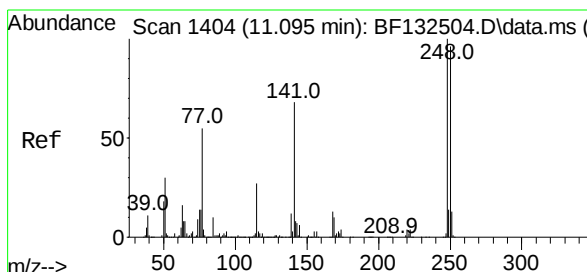
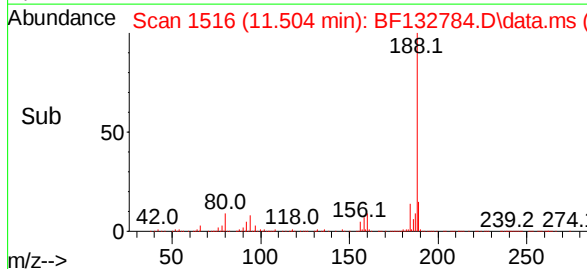
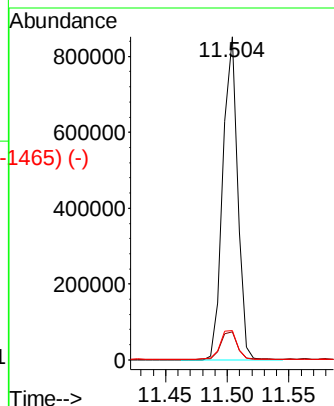
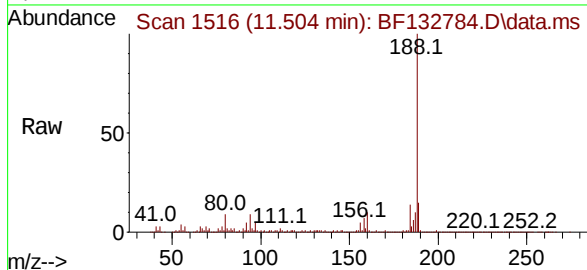




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.504 min Scan# 1482
 Delta R.T. -0.000 min
 Lab File: BF132784.D
 Acq: 14 Mar 2023 18:21

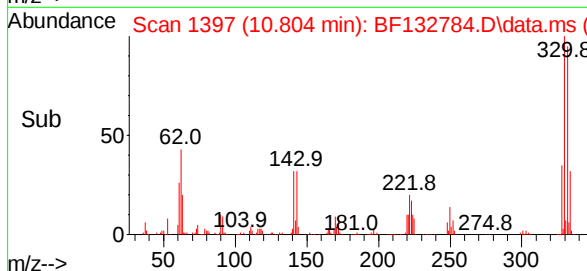
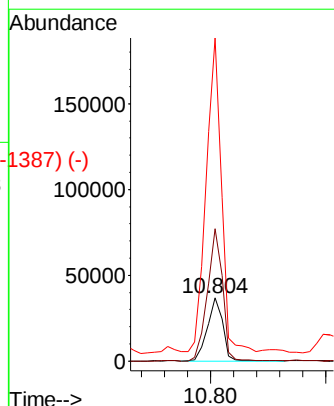
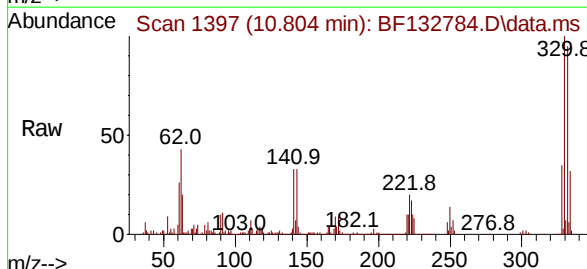
Instrument :
 BNA_F
 ClientSampleId :
 C0AA8

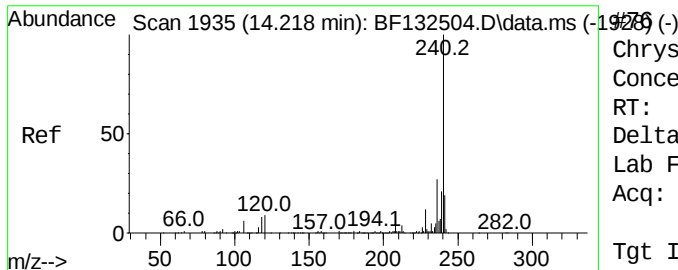
Tgt Ion:	188	Resp:	712946
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.3	12.5
80	9.2	8.7	13.1



4-Bromophenyl-phenylether
 Concen: 4.294 ng
 RT: 10.804 min Scan# 1397
 Delta R.T. -0.241 min
 Lab File: BF132784.D
 Acq: 14 Mar 2023 18:21

Tgt Ion:	248	Resp:	34631
Ion	Ratio	Lower	Upper
248	100		
250	208.3	77.0	115.4#
141	509.3	54.2	81.2#





Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan#

Delta R.T. -0.006 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

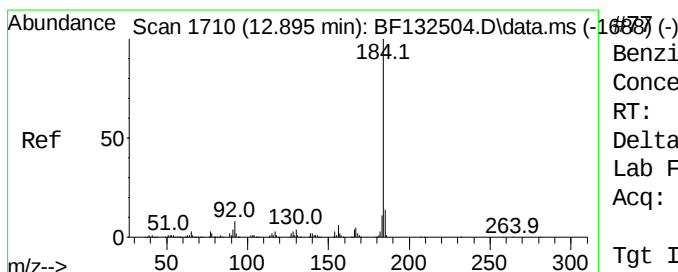
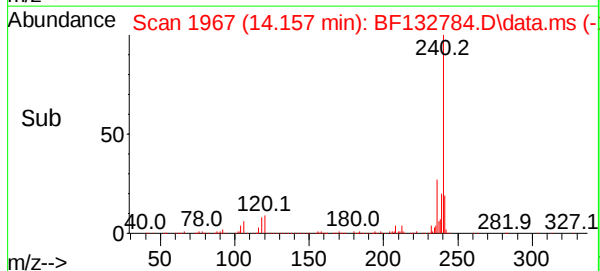
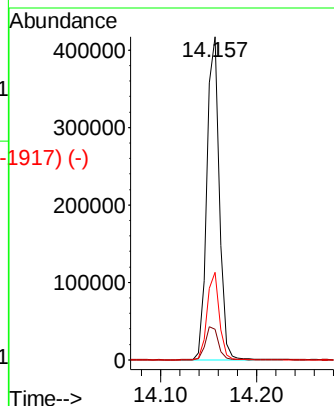
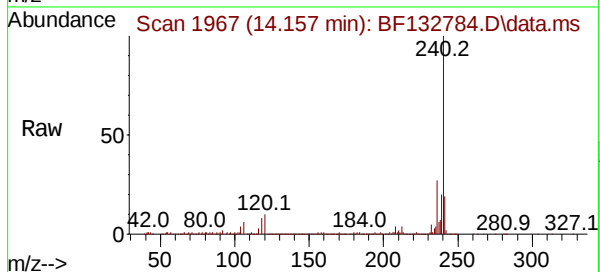
Tgt Ion:240 Resp: 377045

Ion Ratio Lower Upper

240 100

120 9.5 7.2 10.8

236 27.1 21.8 32.6



Benzidine

Concen: 3.603 ng

RT: 13.092 min Scan# 1786

Delta R.T. 0.247 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

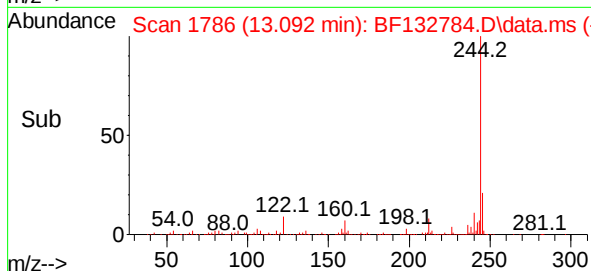
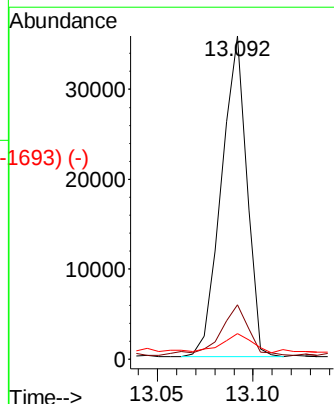
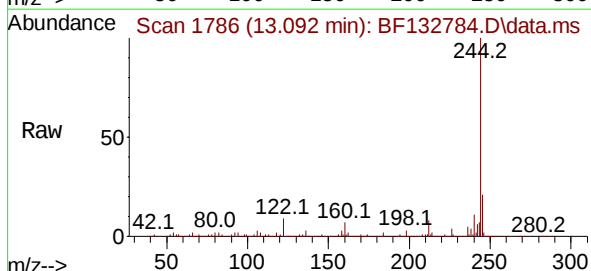
Tgt Ion:184 Resp: 33071

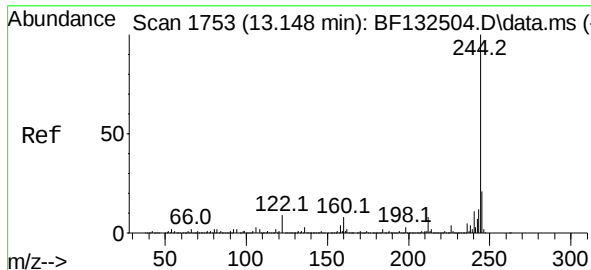
Ion Ratio Lower Upper

184 100

185 16.8 11.7 17.5

183 7.9 8.7 13.1#





Terphenyl-d14

Concen: 105.152 ng

RT: 13.092 min Scan#

Delta R.T. -0.000 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

C0AA8

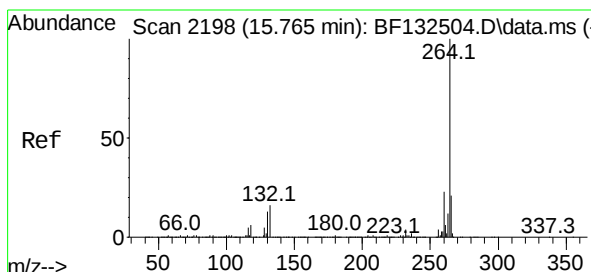
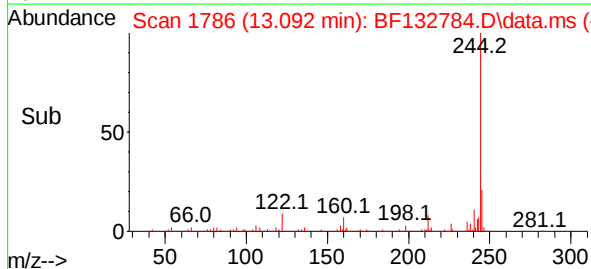
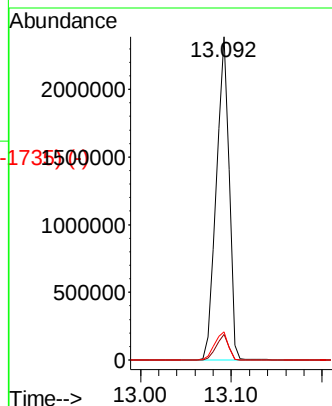
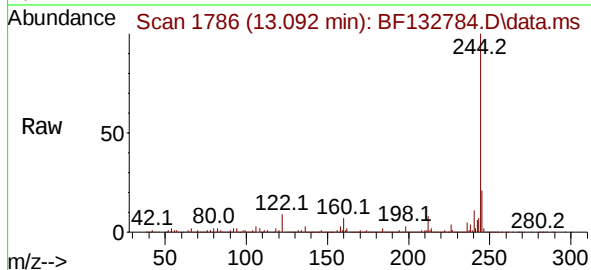
Tgt Ion:244 Resp: 2344952

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 8.8 7.5 11.3



Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2227

Delta R.T. -0.006 min

Lab File: BF132784.D

Acq: 14 Mar 2023 18:21

Tgt Ion:264 Resp: 406211

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.8 17.1 25.7

