

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132717.D
 Acq On : 09 Mar 2023 14:37
 Operator : CG\JU
 Sample : 01833-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:55:24 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 11:52:47 2023
 Response via : Initial Calibration

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

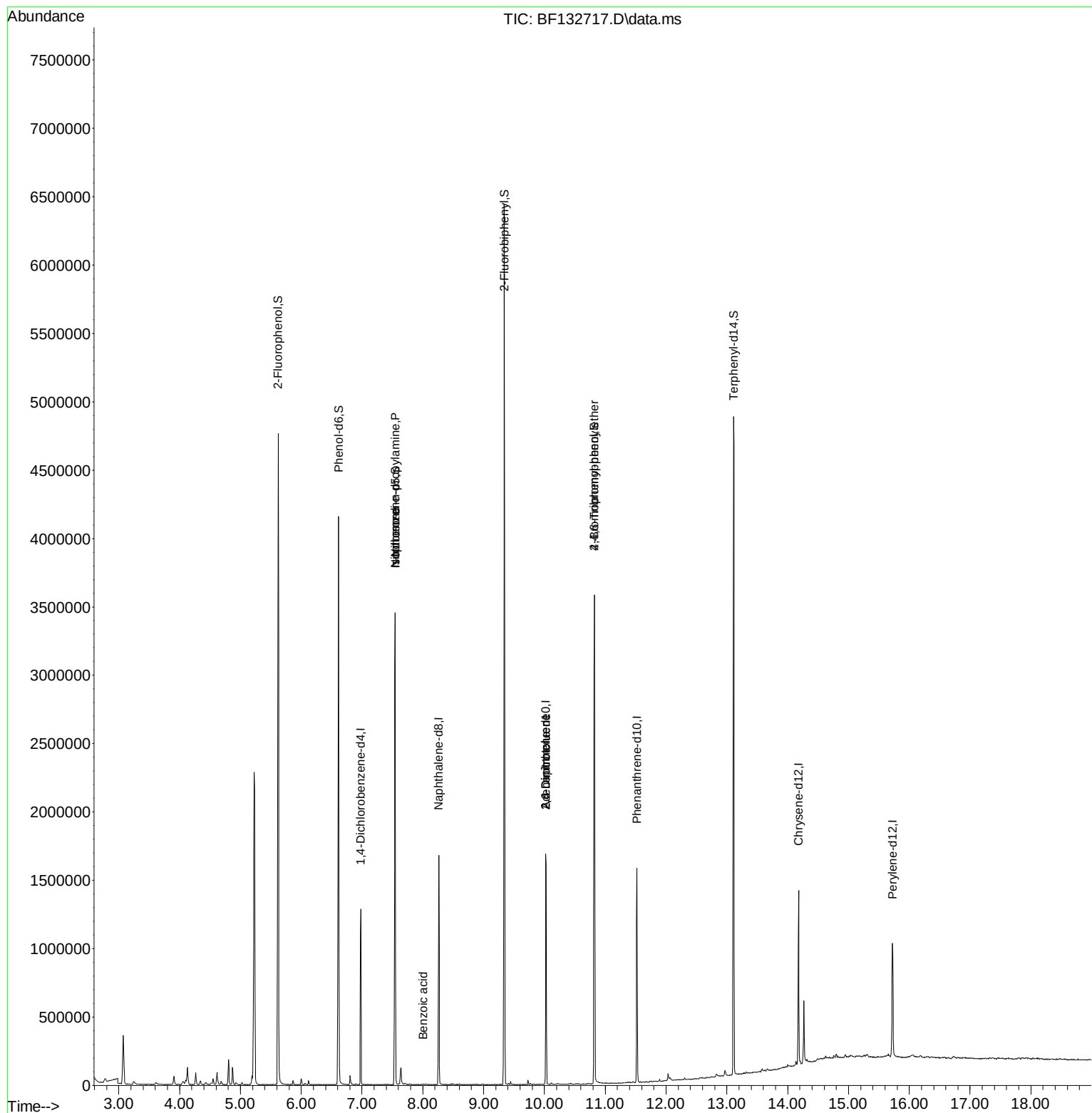
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	190148	20.000	ng	-0.01
21) Naphthalene-d8	8.263	136	674699	20.000	ng	-0.02
39) Acenaphthene-d10	10.022	164	351754	20.000	ng	-0.02
64) Phenanthrene-d10	11.522	188	551237	20.000	ng	-0.01
76) Chrysene-d12	14.180	240	411377	20.000	ng	-0.02
86) Perylene-d12	15.721	264	401608	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1331488	113.647	ng	0.00
7) Phenol-d6	6.616	99	1543082	100.918	ng	0.00
23) Nitrobenzene-d5	7.545	82	1193750	83.944	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	438653	115.472	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1933850	83.712	ng	-0.02
79) Terphenyl-d14	13.116	244	1847872	75.947	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.545	70	156238	16.603	ng	# 76
25) Isophorone	7.545	82	1193732	43.783	ng	# 67
32) Benzoic acid	8.004	122	2235	4.082	ng	100
51) 2,6-Dinitrotoluene	10.022	165	45672	7.830	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	45672	5.886	ng	# 21
67) 4-Bromophenyl-phenylether	10.822	248	28668	4.598	ng	# 1

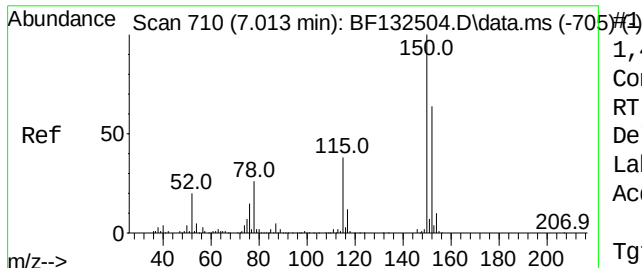
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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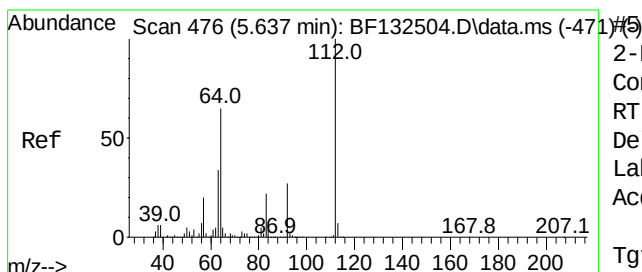
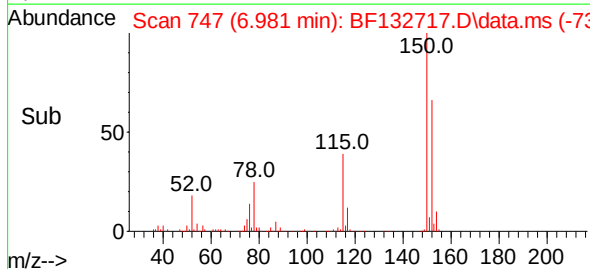
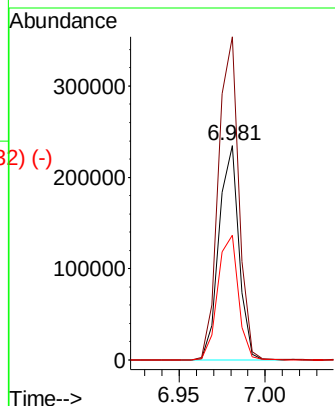
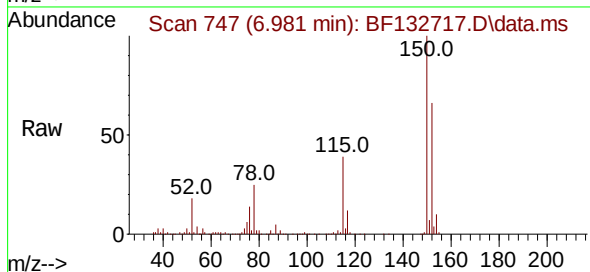




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan#
 Delta R.T. -0.012 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

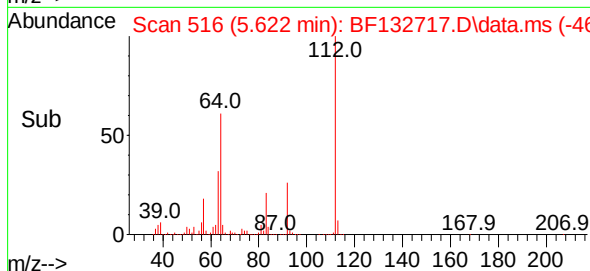
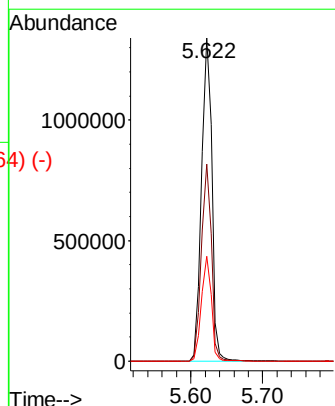
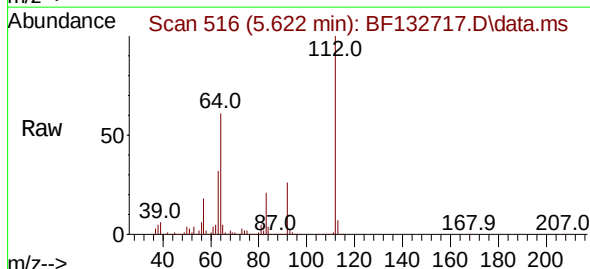
Instrument :
 BNA_F
 ClientSampleId :

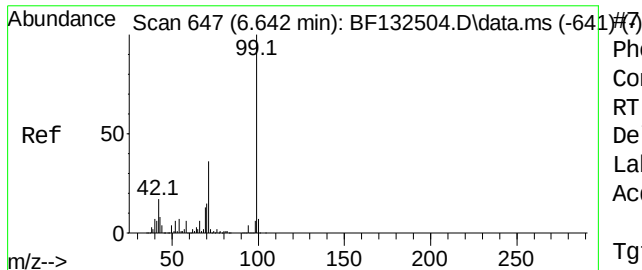
Tgt Ion:152 Resp: 190148
 Ion Ratio Lower Upper
 152 100
 150 150.6 125.4 188.2
 115 58.1 47.8 71.6



2-Fluorophenol
 Concen: 113.647 ng
 RT: 5.622 min Scan# 516
 Delta R.T. 0.006 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Tgt Ion:112 Resp: 1331488
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.6 77.4
 63 32.5 27.4 41.2



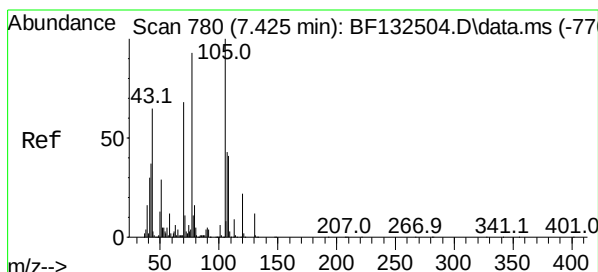
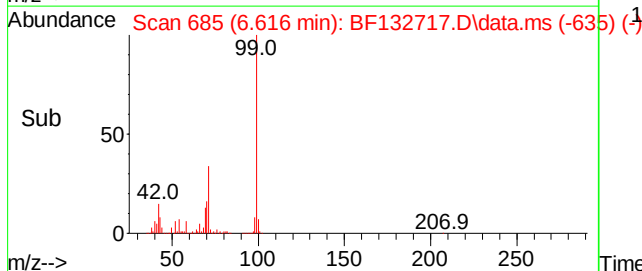
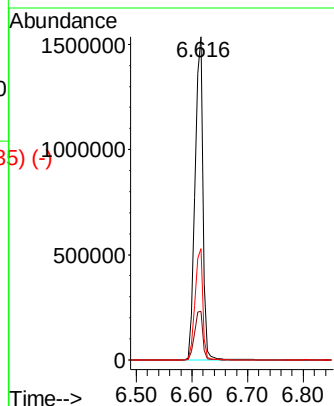
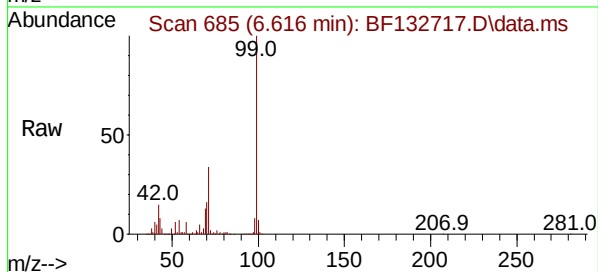


Phenol-d6
 Concen: 100.918 ng
 RT: 6.616 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 99 Resp: 1543082

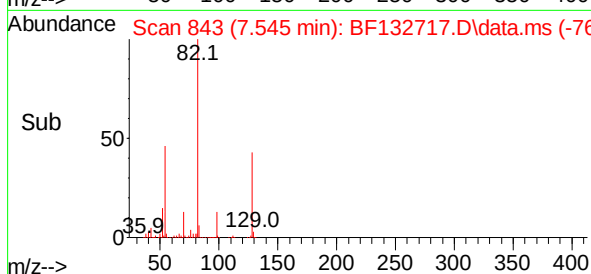
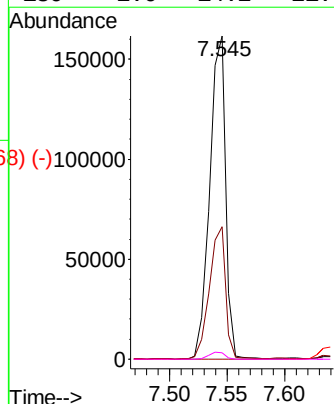
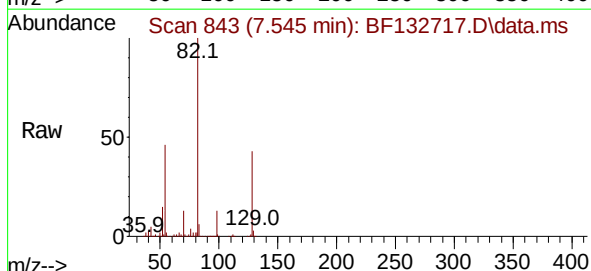
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.9	20.9
71	34.5	28.5	42.7



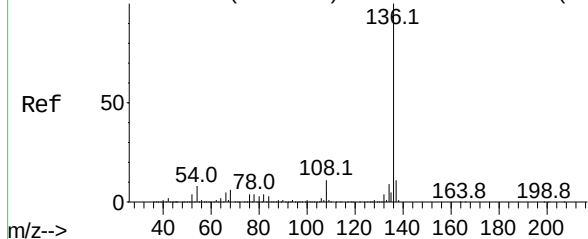
n-Nitroso-di-n-propylamine
 Concen: 16.603 ng
 RT: 7.545 min Scan# 843
 Delta R.T. 0.141 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Tgt Ion: 70 Resp: 156238

Ion	Ratio	Lower	Upper
70	100		
42	41.0	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: 8.263 min Scan# 965

Delta R.T. -0.018 min

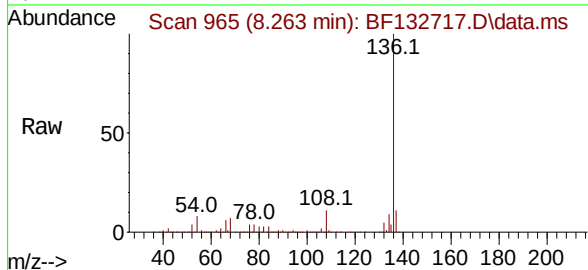
Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 674699

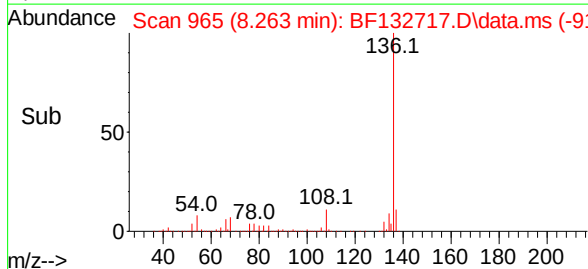
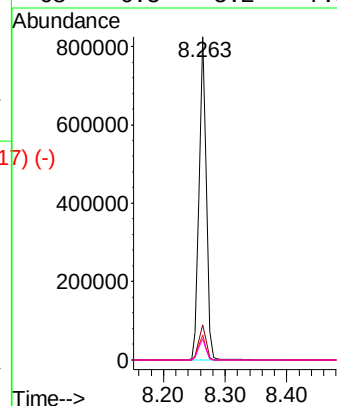
Ion Ratio Lower Upper

136 100

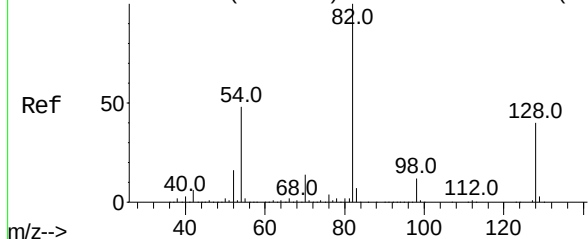
137 11.0 8.9 13.3

54 7.7 6.2 9.4

68 6.5 5.2 7.8



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



Nitrobenzene-d5

Concen: 83.944 ng

RT: 7.545 min Scan# 843

Delta R.T. -0.018 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

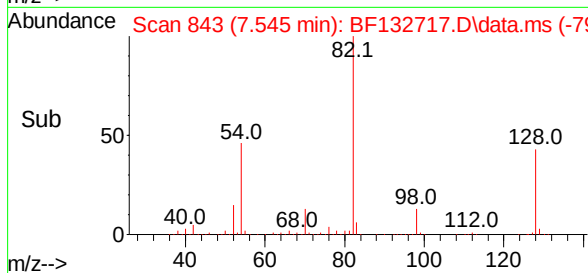
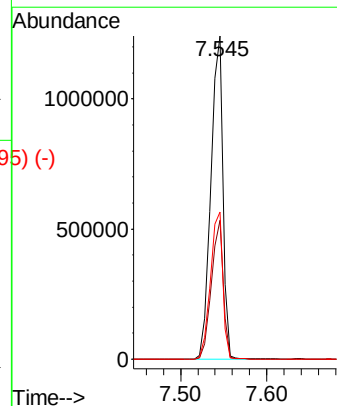
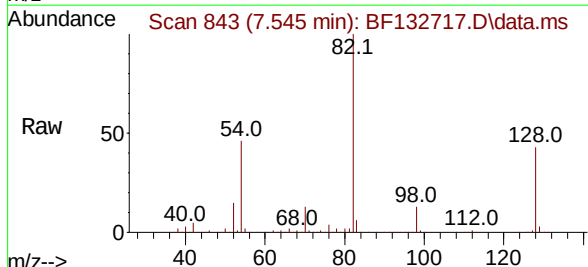
Tgt Ion: 82 Resp: 1193750

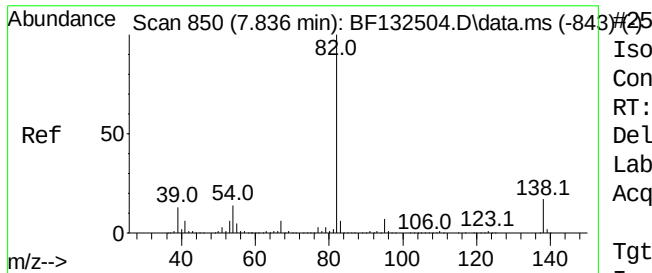
Ion Ratio Lower Upper

82 100

128 42.9 32.2 48.2

54 45.6 38.4 57.6





Isophorone

Concen: 43.783 ng

RT: 7.545 min Scan# 81

Delta R.T. -0.271 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Instrument :

BNA_F

ClientSampleId :

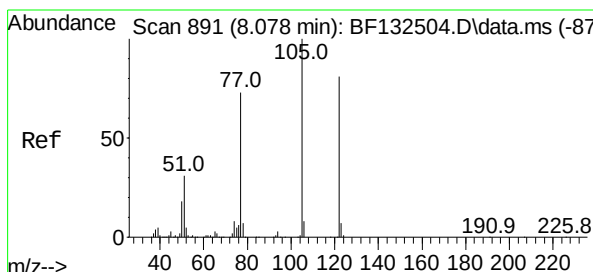
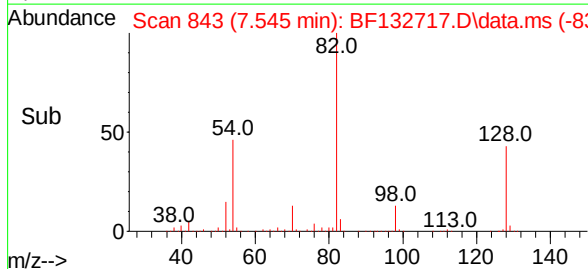
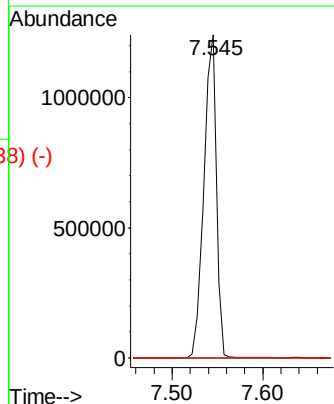
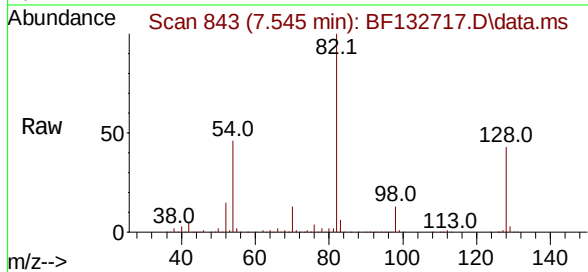
Tgt Ion: 82 Resp: 1193732

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#



Benzoic acid

Concen: 4.082 ng

RT: 8.004 min Scan# 921

Delta R.T. -0.053 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

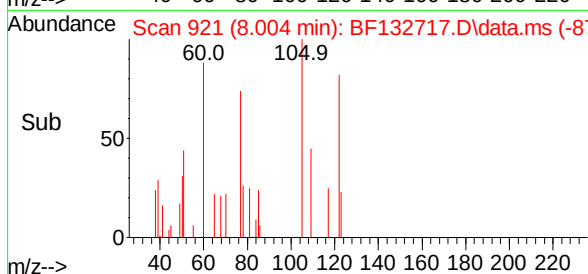
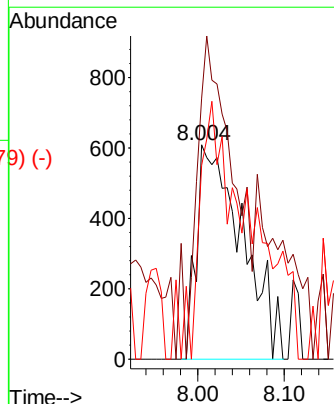
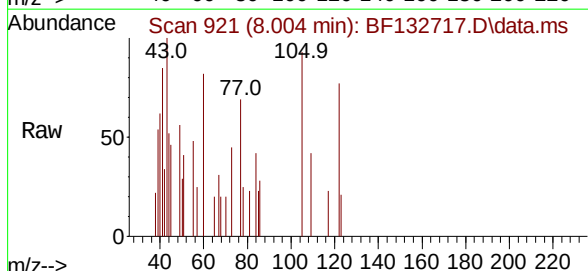
Tgt Ion:122 Resp: 2235

Ion Ratio Lower Upper

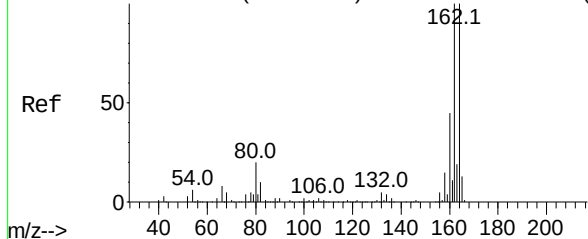
122 100

105 122.0 102.6 142.6

77 90.5 70.2 110.2



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



Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan#

Delta R.T. -0.018 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Instrument :

BNA_F

ClientSampleId :

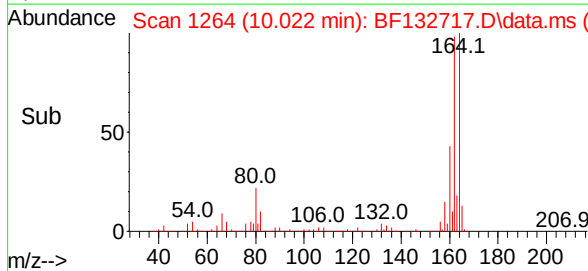
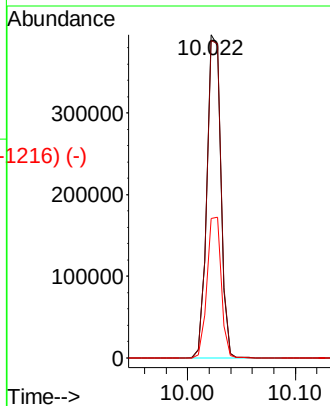
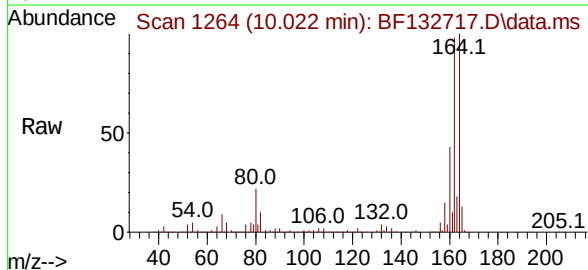
Tgt Ion:164 Resp: 351754

Ion Ratio Lower Upper

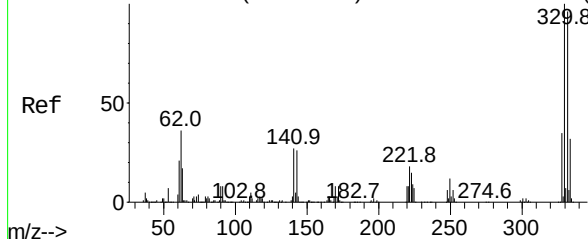
164 100

162 98.2 79.8 119.8

160 43.1 35.8 53.6



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



2,4,6-Tribromophenol

Concen: 115.472 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

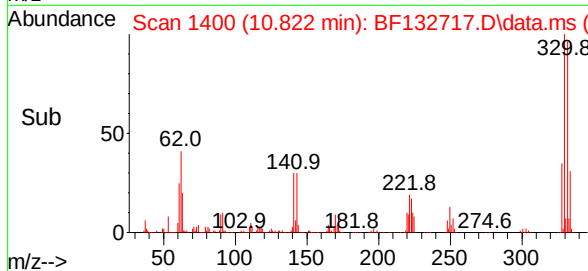
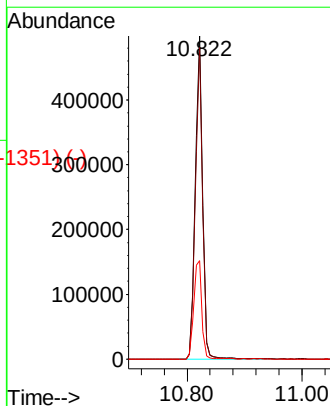
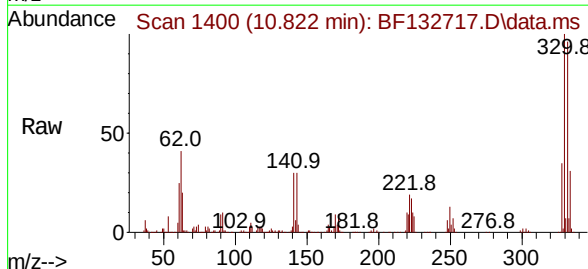
Tgt Ion:330 Resp: 438653

Ion Ratio Lower Upper

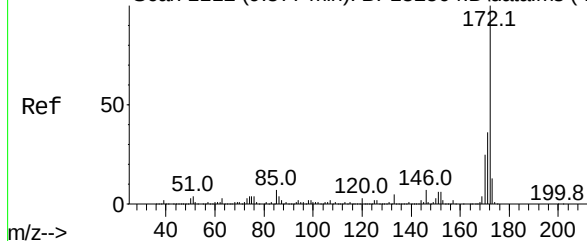
330 100

332 94.7 76.2 114.4

141 33.5 28.4 42.6



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



2-Fluorobiphenyl

Concen: 83.712 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.018 min

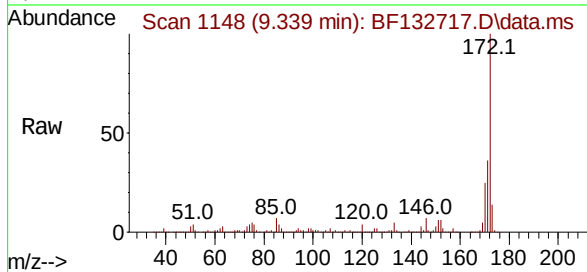
Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Instrument :

BNA_F

ClientSampleId :



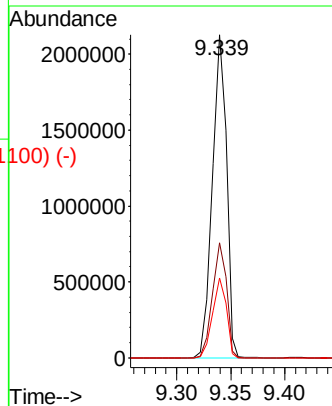
Tgt Ion:172 Resp: 1933850

Ion Ratio Lower Upper

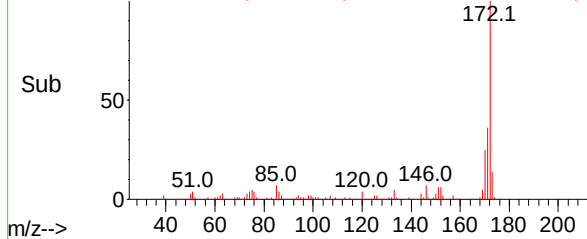
172 100

171 35.6 28.8 43.2

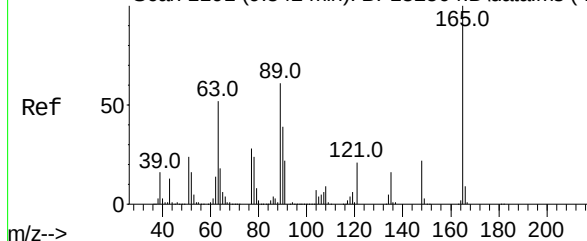
170 24.7 19.7 29.5



Abundance Scan 1148 (9.339 min): BF132717.D\data.ms (-1100) (-)



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



2,6-Dinitrotoluene

Concen: 7.830 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.200 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

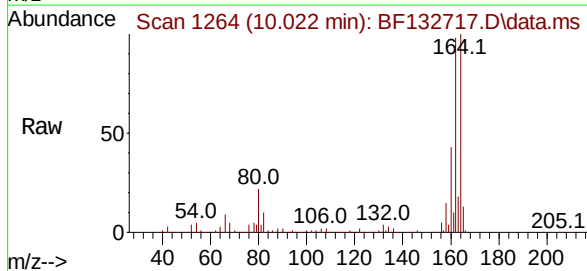
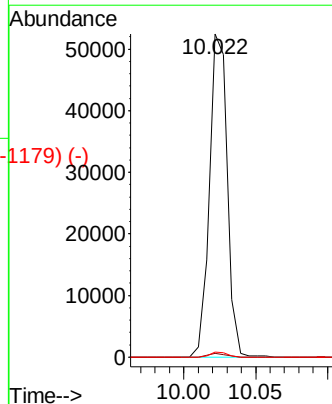
Tgt Ion:165 Resp: 45672

Ion Ratio Lower Upper

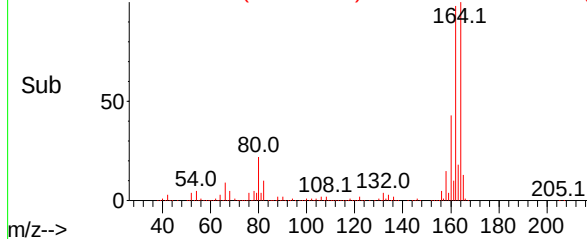
165 100

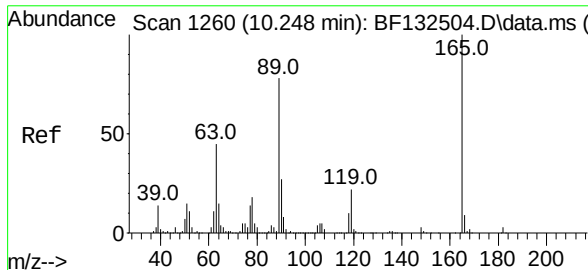
63 1.1 47.3 70.9#

89 1.6 48.9 73.3#



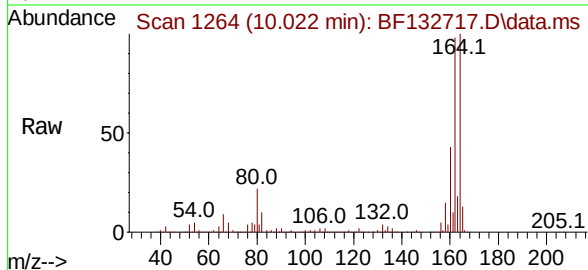
Abundance Scan 1264 (10.022 min): BF132717.D\data.ms (-1179) (-)



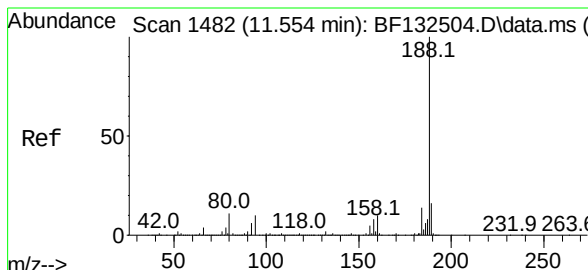
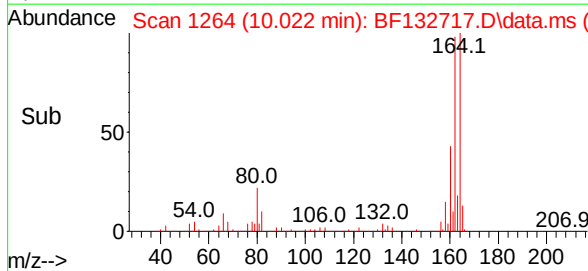
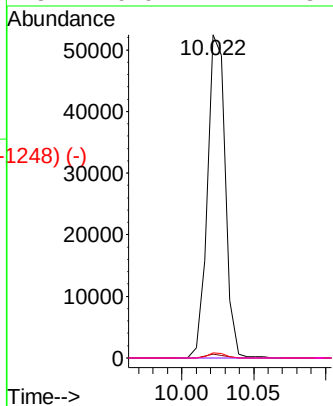


2,4-Dinitrotoluene
 Concen: 5.886 ng
 RT: 10.022 min Scan# 1519
 Delta R.T. -0.206 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Instrument :
 BNA_F
 ClientSampleId :

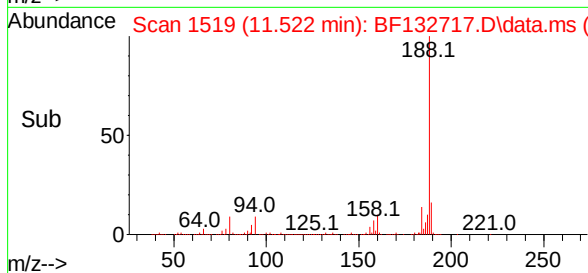
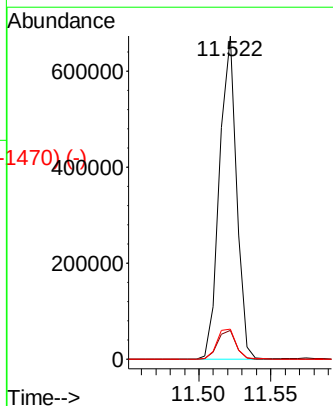
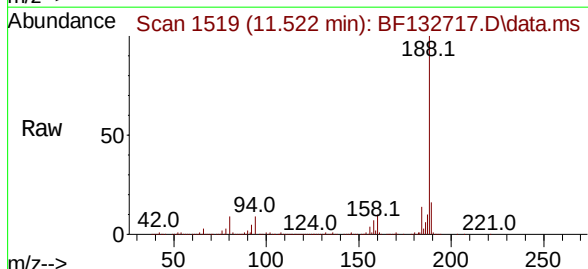


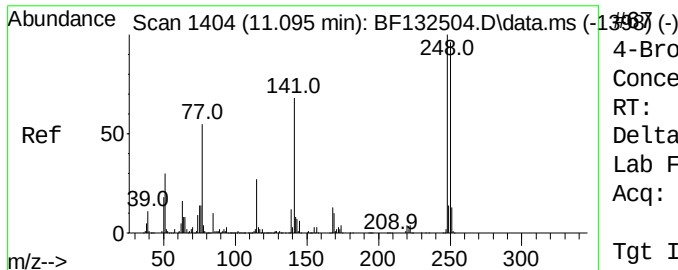
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.5	54.7#
89	1.6	62.4	93.6#
182	0.0	2.1	3.1#



Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.522 min Scan# 1519
 Delta R.T. -0.012 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.3	12.5
80	9.3	8.7	13.1

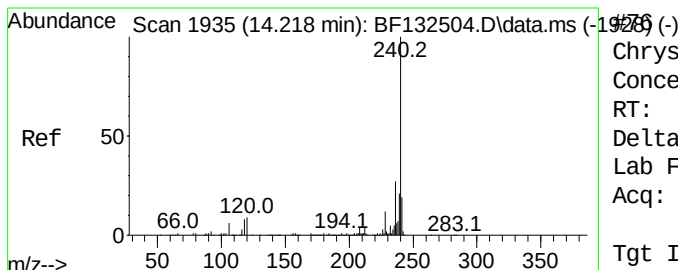
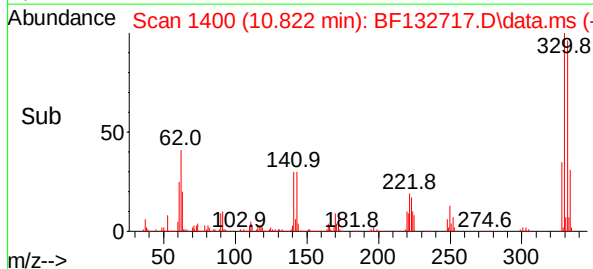
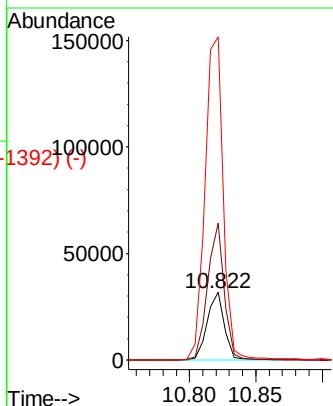
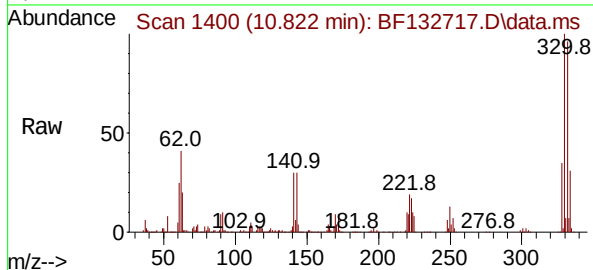




4-Bromophenyl-phenylether
 Concen: 4.598 ng
 RT: 10.822 min Scan# 1358
 Delta R.T. -0.253 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

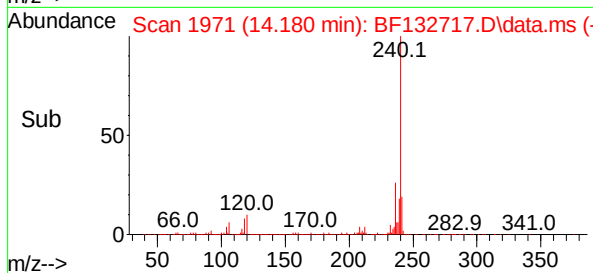
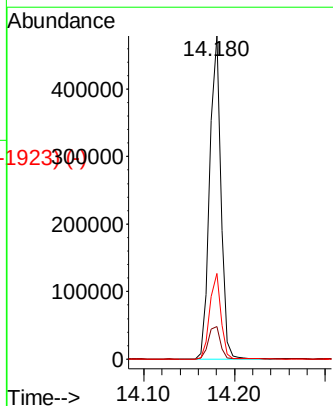
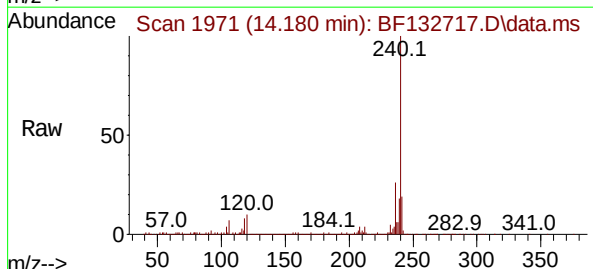
Instrument :
 BNA_F
 ClientSampleId :

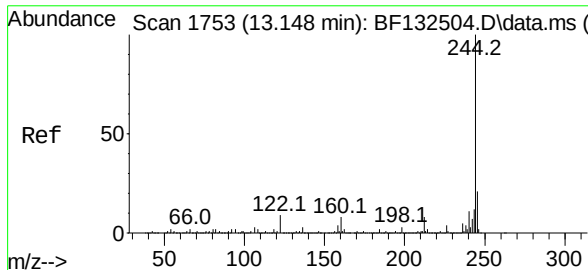
Tgt Ion:	248	Resp:	28668
Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.0	115.4#
141	477.7	54.2	81.2#



Chrysene-d12
 Concen: 20.000 ng
 RT: 14.180 min Scan# 1971
 Delta R.T. -0.018 min
 Lab File: BF132717.D
 Acq: 09 Mar 2023 14:37

Tgt Ion:	240	Resp:	411377
Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.2	10.8
236	26.5	21.8	32.6





Terphenyl-d14

Concen: 75.947 ng

RT: 13.116 min Scan#

Delta R.T. -0.012 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Instrument :

BNA_F

ClientSampleId :

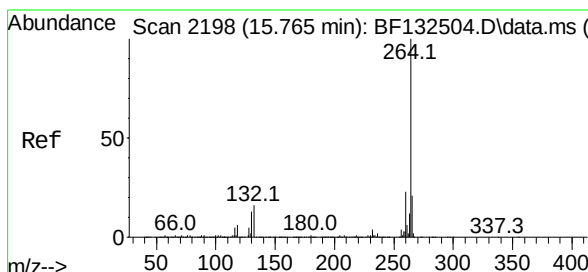
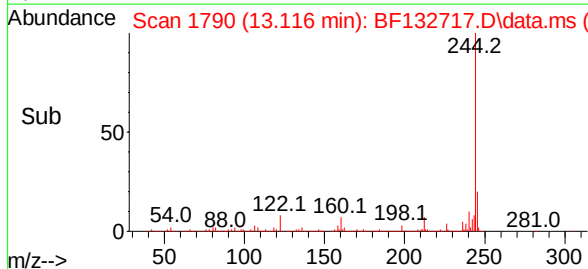
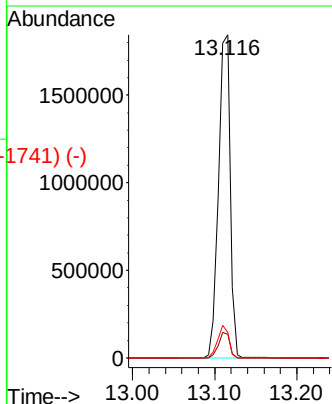
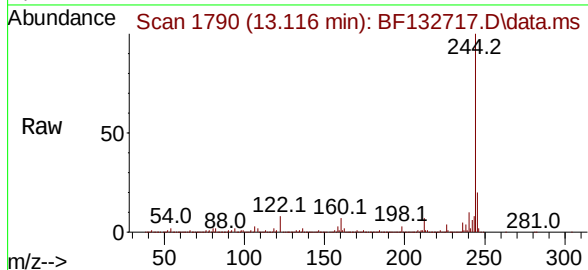
Tgt Ion:244 Resp: 1847872

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.0 7.5 11.3



Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.018 min

Lab File: BF132717.D

Acq: 09 Mar 2023 14:37

Tgt Ion:264 Resp: 401608

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.7 17.1 25.7

