

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132715.D
 Acq On : 09 Mar 2023 13:30
 Operator : CG\JU
 Sample : 01829-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:55:04 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)

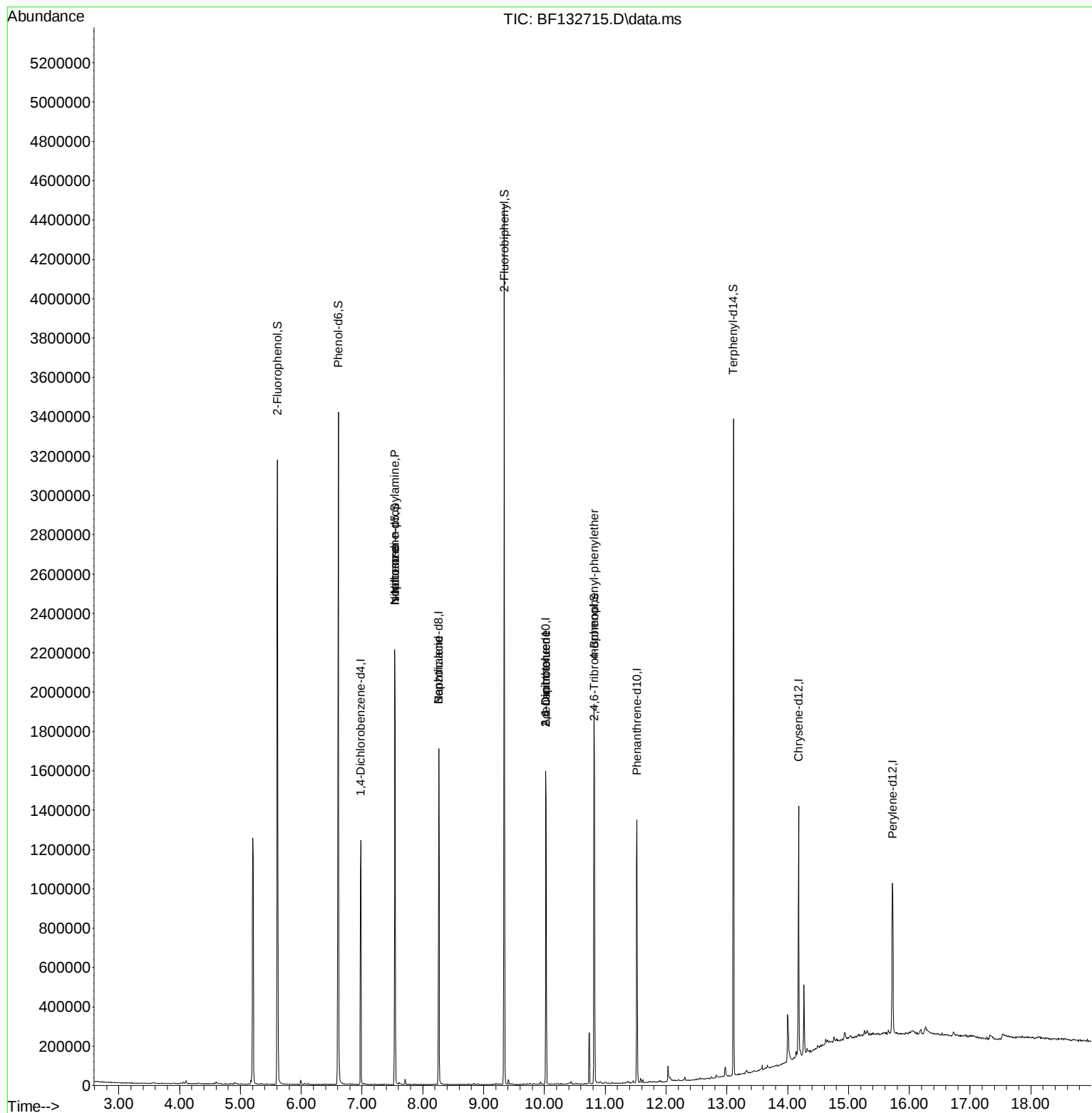
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	181344	20.000	ng	-0.01
21) Naphthalene-d8	8.263	136	658055	20.000	ng	-0.02
39) Acenaphthene-d10	10.022	164	323505	20.000	ng	-0.02
64) Phenanthrene-d10	11.522	188	489057	20.000	ng	-0.01
76) Chrysene-d12	14.180	240	395345	20.000	ng	-0.02
86) Perylene-d12	15.721	264	381498	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	874094	78.229	ng	0.00
7) Phenol-d6	6.610	99	1123309	77.031	ng	-0.01
23) Nitrobenzene-d5	7.540	82	721937	52.050	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	225921	64.665	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1217263	57.294	ng	-0.02
79) Terphenyl-d14	13.110	244	1076148	46.023	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	93523	10.421	ng	# 78
25) Isophorone	7.540	82	721918	27.148	ng	# 67
32) Benzoic acid	8.263	122	94	3.847	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	42134	7.854	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	42134	5.904	ng	# 21
67) 4-Bromophenyl-phenylether	10.816	248	14671	2.652	ng	# 1

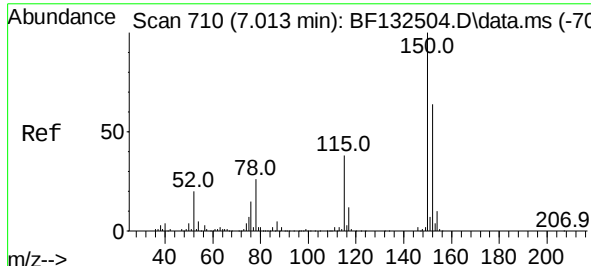
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
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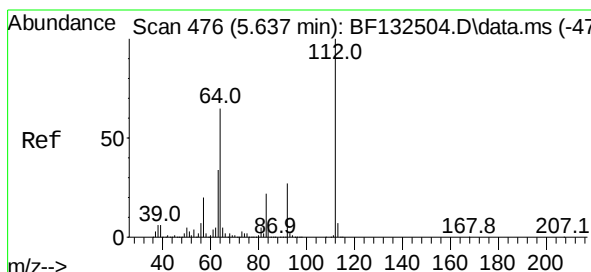
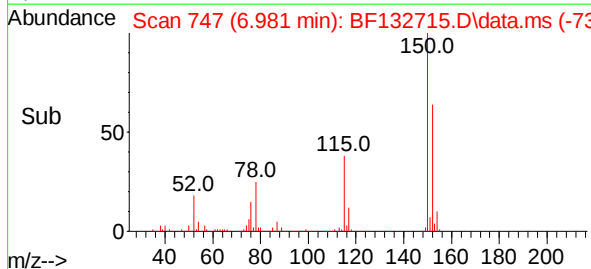
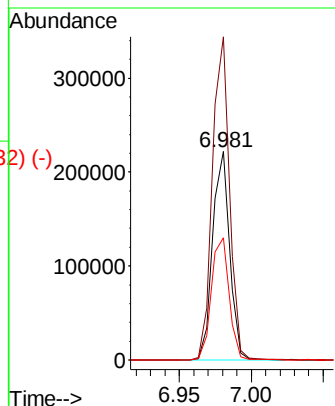
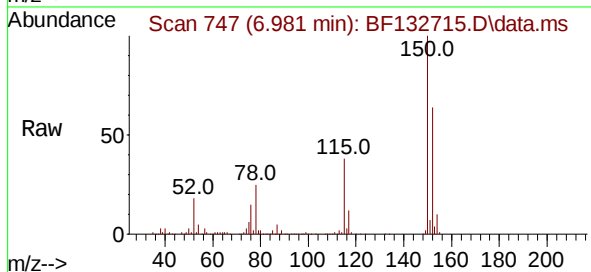




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan#
 Delta R.T. -0.012 min
 Lab File: BF132715.D
 Acq: 09 Mar 2023 13:30

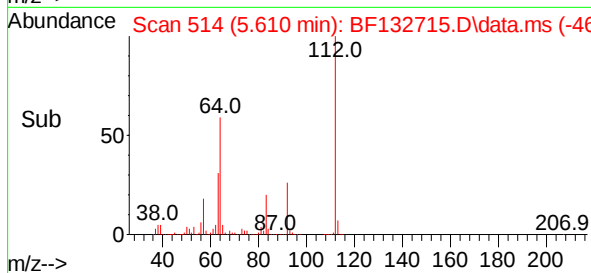
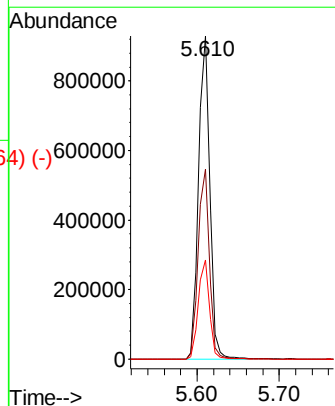
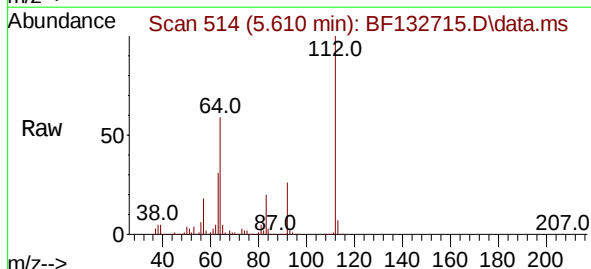
Instrument :
 BNA_F
 ClientSampleId :

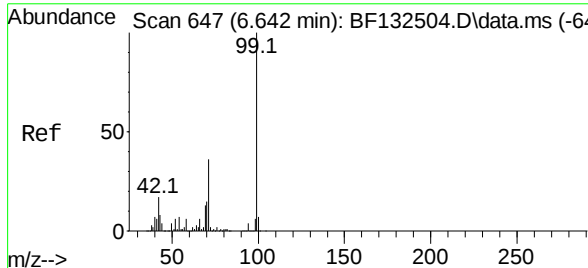
Tgt Ion:152 Resp: 181344
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.4 188.2
 115 58.8 47.8 71.6



2-Fluorophenol
 Concen: 78.229 ng
 RT: 5.610 min Scan# 514
 Delta R.T. -0.006 min
 Lab File: BF132715.D
 Acq: 09 Mar 2023 13:30

Tgt Ion:112 Resp: 874094
 Ion Ratio Lower Upper
 112 100
 64 58.8 51.6 77.4
 63 30.6 27.4 41.2

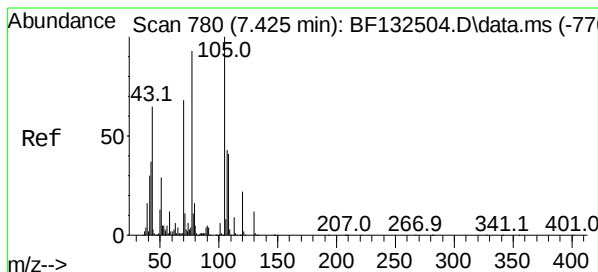
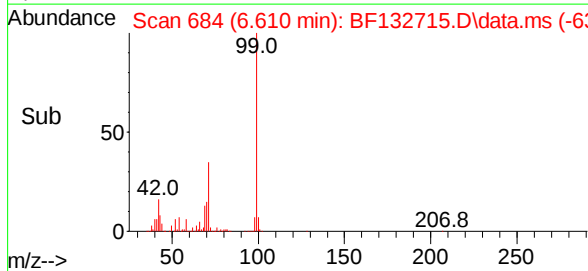
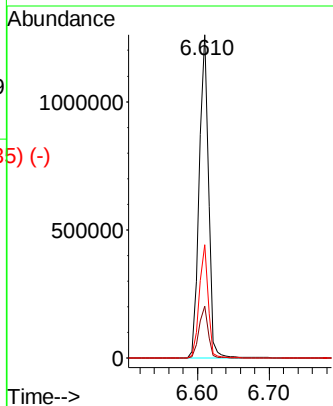
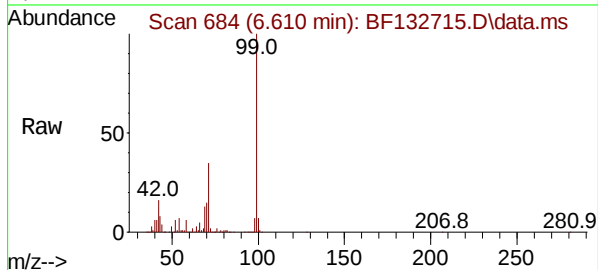




Phenol-d6
Concen: 77.031 ng
RT: 6.610 min Scan# 647
Delta R.T. -0.012 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

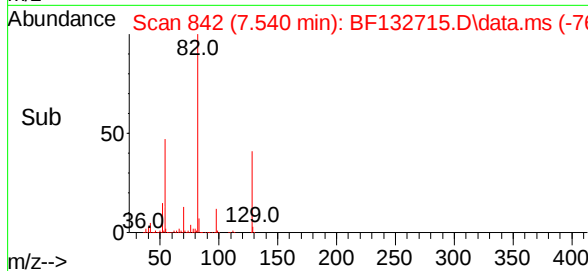
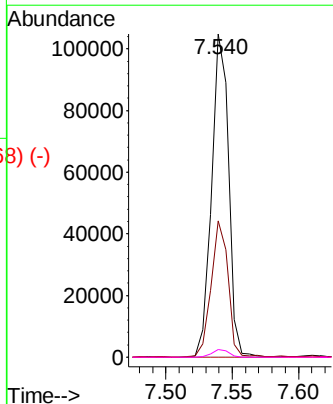
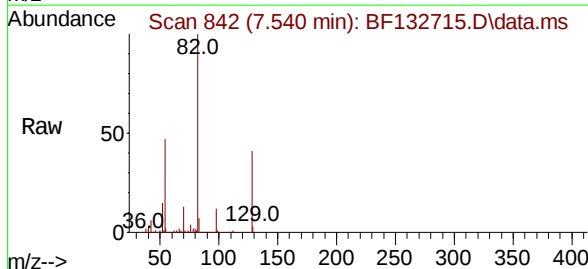
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1123309
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 35.1 28.5 42.7



n-Nitroso-di-n-propylamine
Concen: 10.421 ng
RT: 7.540 min Scan# 842
Delta R.T. 0.135 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

Tgt Ion: 70 Resp: 93523
Ion Ratio Lower Upper
70 100
42 42.2 44.1 66.1#
101 0.0 7.4 11.2#
130 2.4 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# 917

Delta R.T. -0.018 min

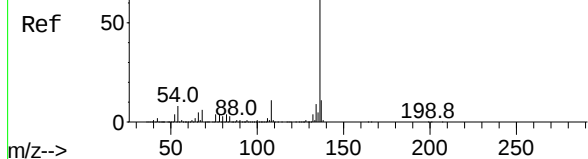
Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

BNF

ClientSampleId :



Tgt Ion:136 Resp: 658055

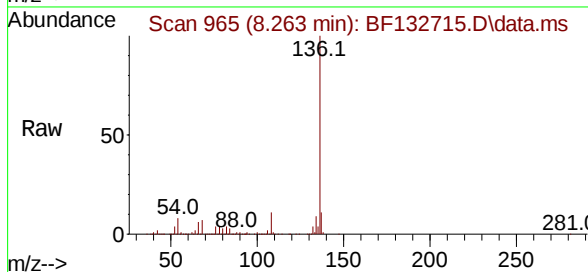
Ion Ratio Lower Upper

136 100

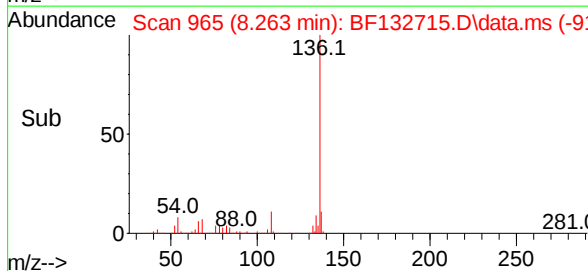
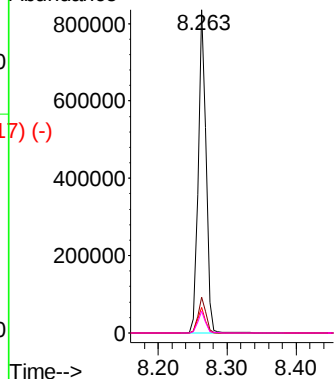
137 11.0 8.9 13.3

54 7.9 6.2 9.4

68 6.6 5.2 7.8



Abundance



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

Nitrobenzene-d5

Concen: 52.050 ng

RT: 7.540 min Scan# 842

Delta R.T. -0.024 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

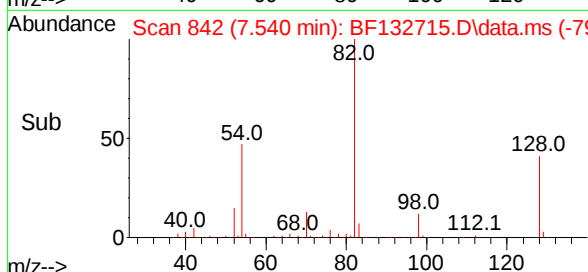
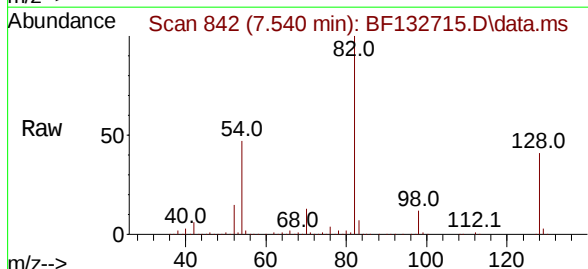
Tgt Ion: 82 Resp: 721937

Ion Ratio Lower Upper

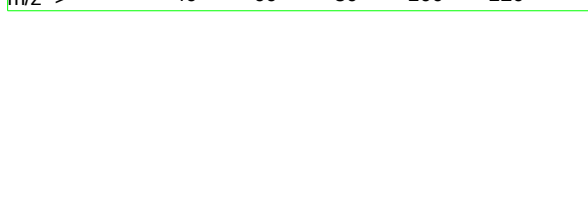
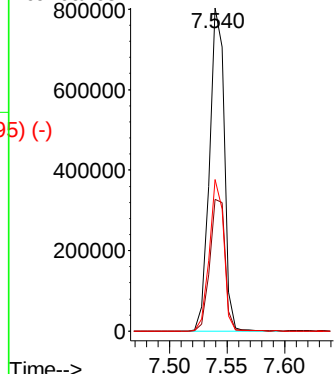
82 100

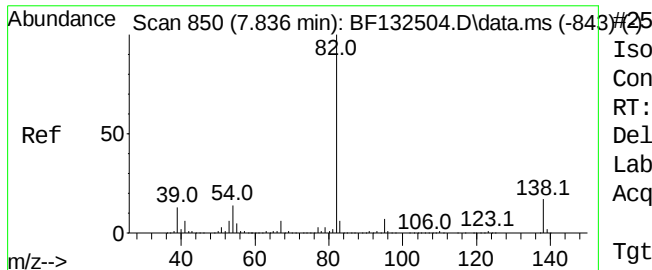
128 40.8 32.2 48.2

54 46.9 38.4 57.6



Abundance





Isophorone

Concen: 27.148 ng

RT: 7.540 min Scan# 812

Delta R.T. -0.277 min

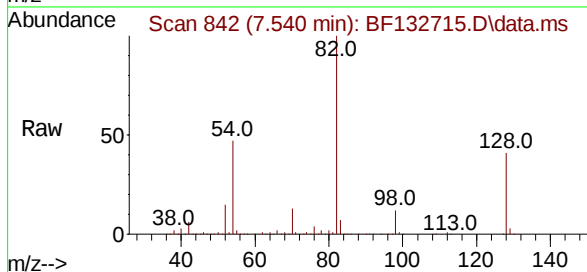
Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :



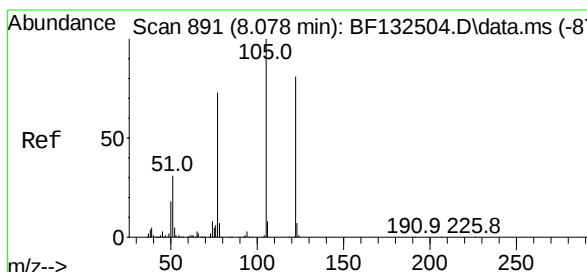
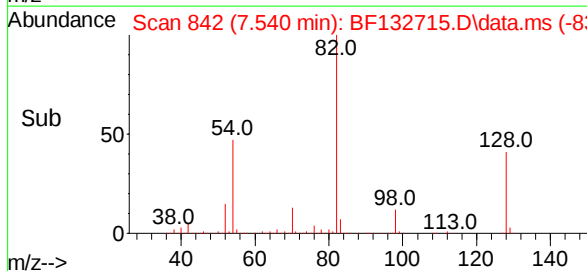
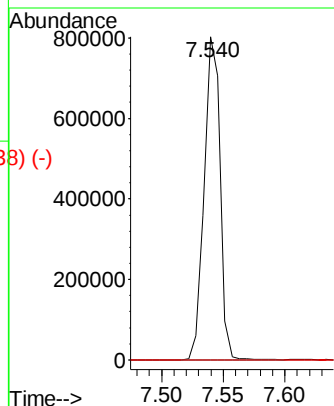
Tgt Ion: 82 Resp: 721918

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.3 19.9#



Benzoic acid

Concen: 3.847 ng

RT: 8.263 min Scan# 965

Delta R.T. 0.206 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

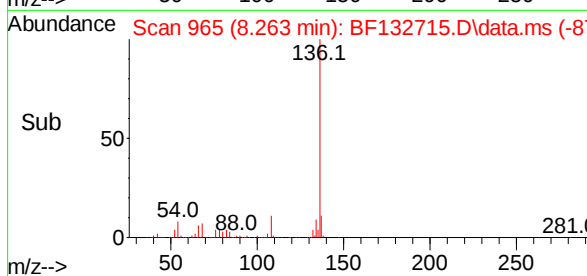
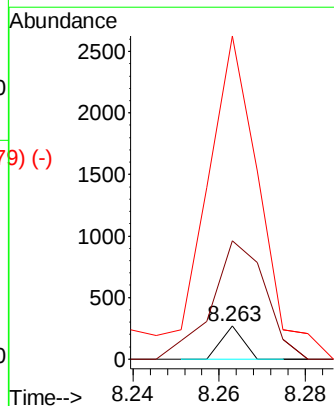
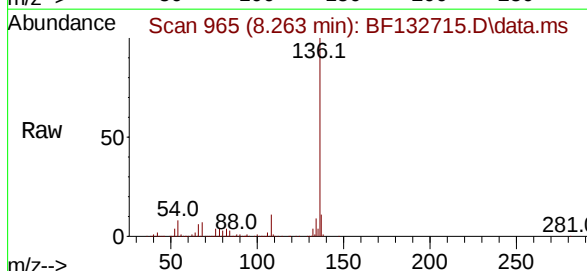
Tgt Ion:122 Resp: 94

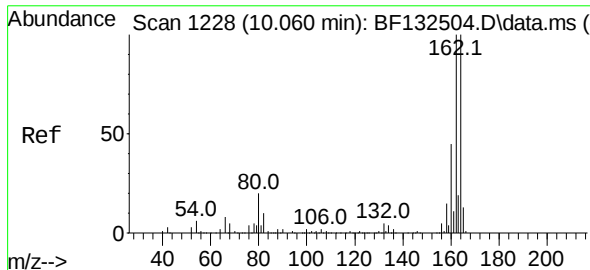
Ion Ratio Lower Upper

122 100

105 359.9 102.6 142.6#

77 983.1 70.2 110.2#





Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan#

Delta R.T. -0.018 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

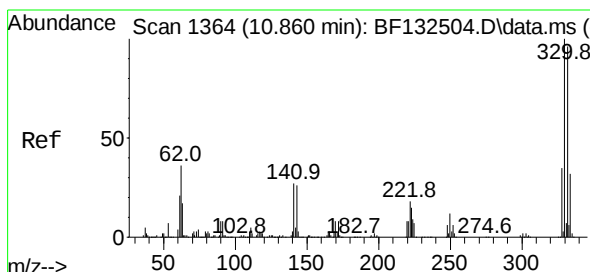
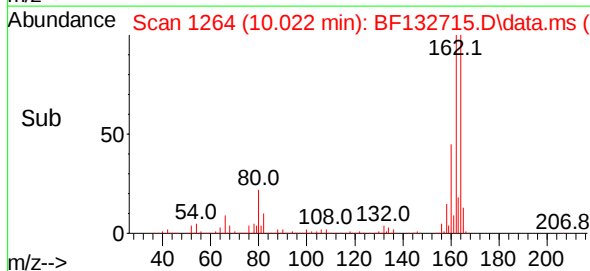
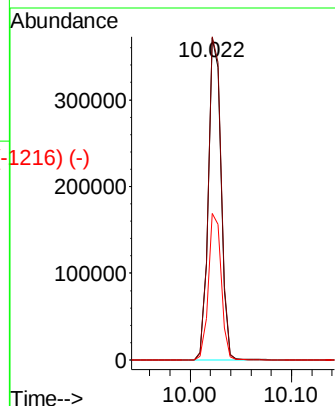
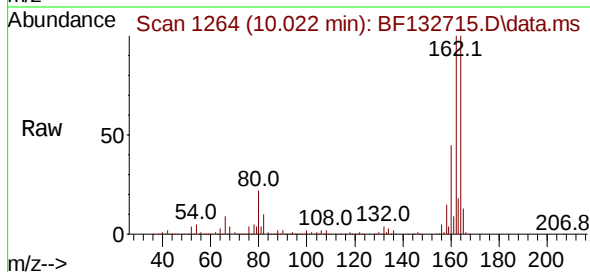
Tgt Ion:164 Resp: 323505

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 45.4 35.8 53.6



2,4,6-Tribromophenol

Concen: 64.665 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

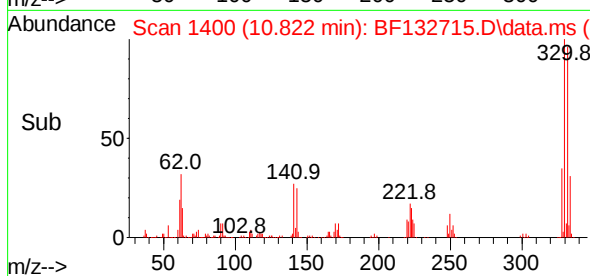
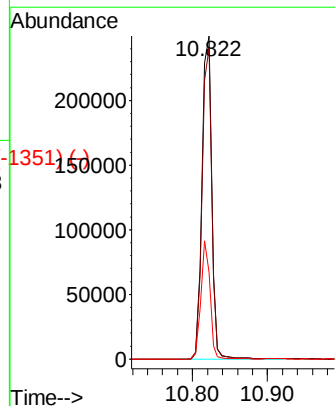
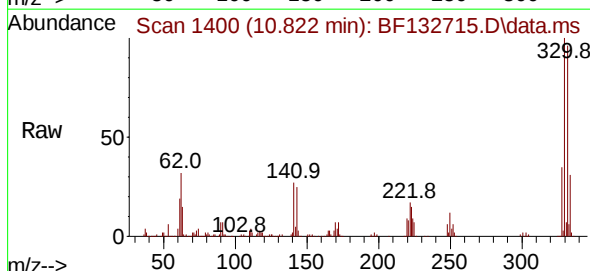
Tgt Ion:330 Resp: 225921

Ion Ratio Lower Upper

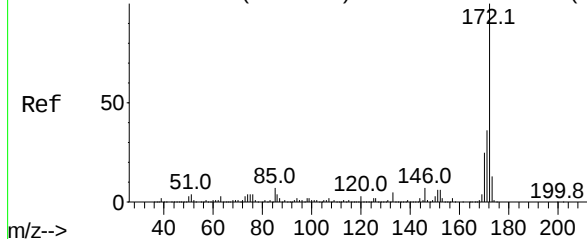
330 100

332 94.8 76.2 114.4

141 34.1 28.4 42.6



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



2-Fluorobiphenyl

Concen: 57.294 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.018 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

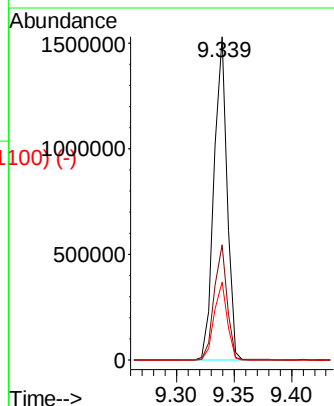
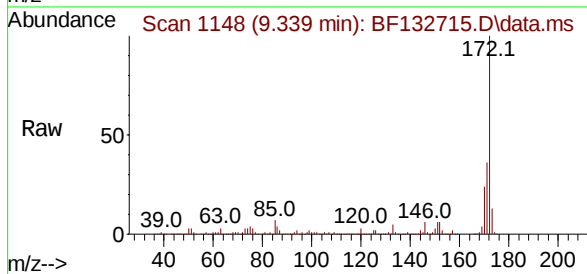
Tgt Ion:172 Resp: 1217263

Ion Ratio Lower Upper

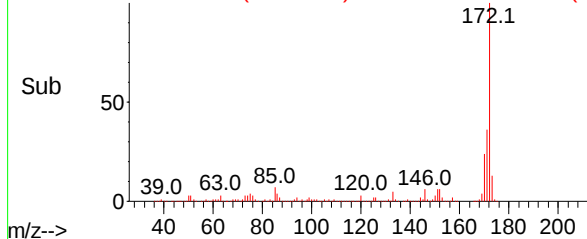
172 100

171 35.6 28.8 43.2

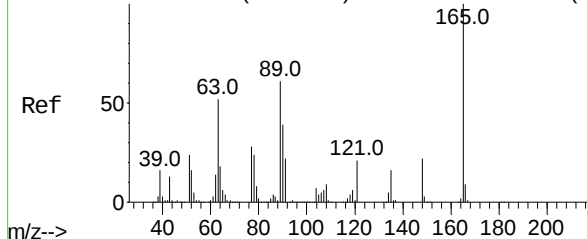
170 24.2 19.7 29.5



Abundance Scan 1148 (9.339 min): BF132715.D\data.ms (-11007)



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



2,6-Dinitrotoluene

Concen: 7.854 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.200 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

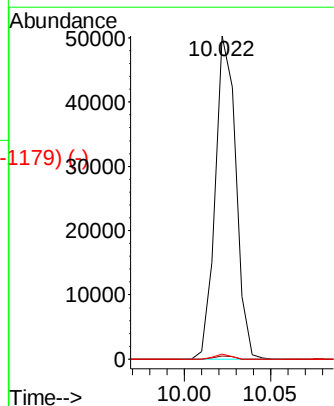
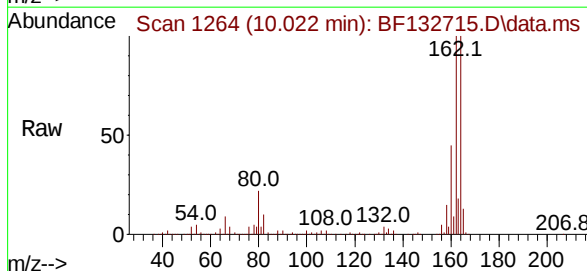
Tgt Ion:165 Resp: 42134

Ion Ratio Lower Upper

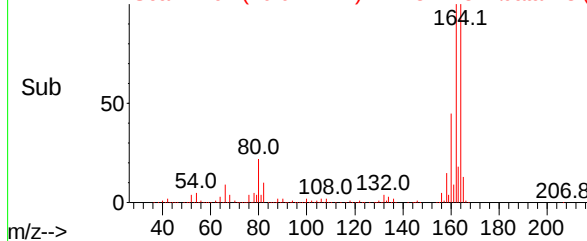
165 100

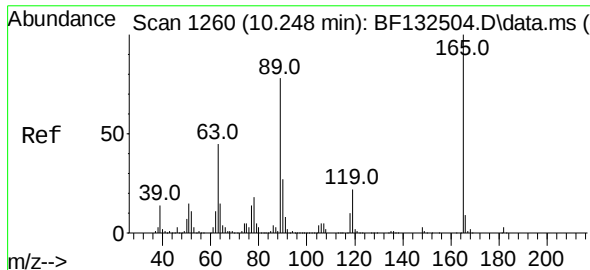
63 1.1 47.3 70.9#

89 1.6 48.9 73.3#



Abundance Scan 1264 (10.022 min): BF132715.D\data.ms (-1179)

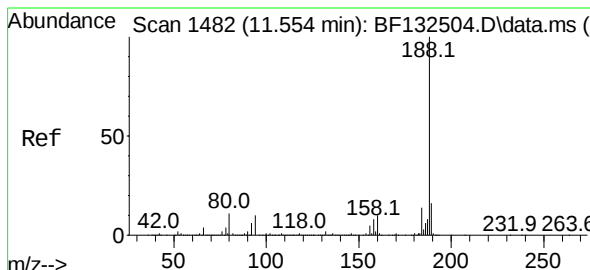
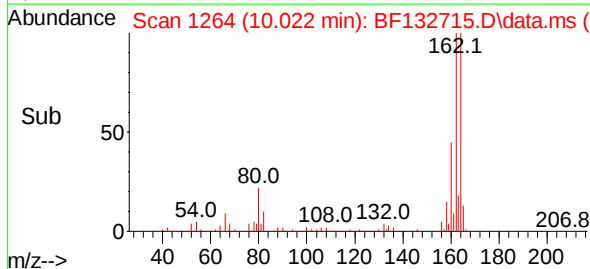
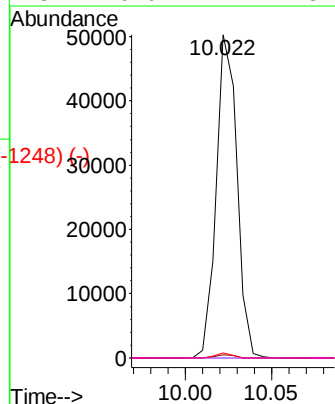
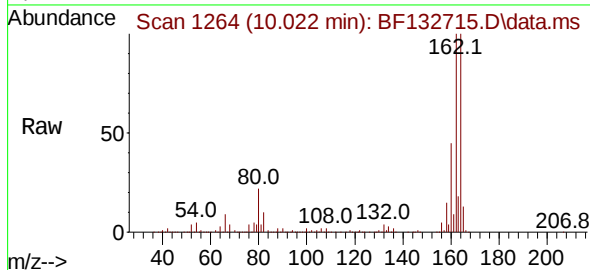




2,4-Dinitrotoluene
Concen: 5.904 ng
RT: 10.022 min Scan# 1519
Delta R.T. -0.206 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

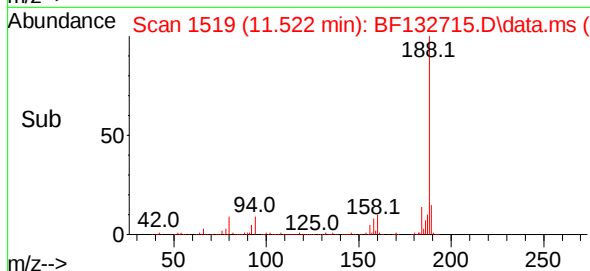
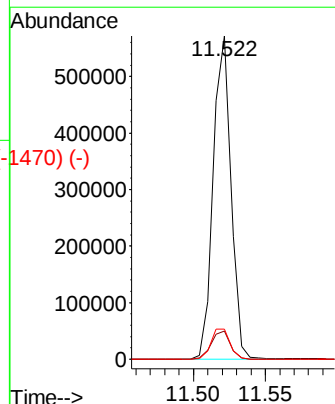
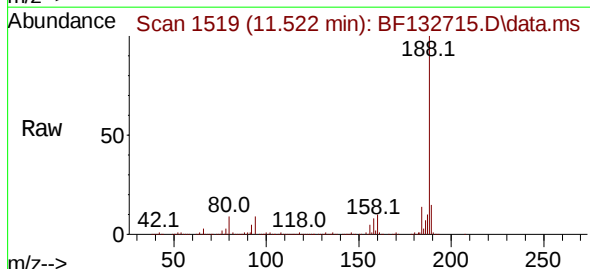
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	165	Resp:	42134
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: BF132715.D
Acq: 09 Mar 2023 13:30

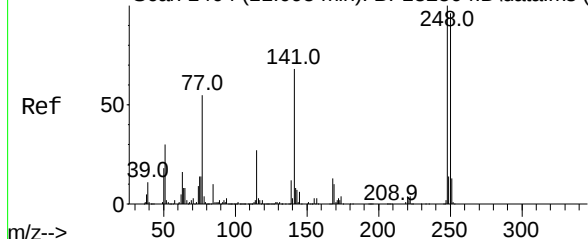
Tgt Ion:	188	Resp:	489057
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.3	12.5
80	9.3	8.7	13.1



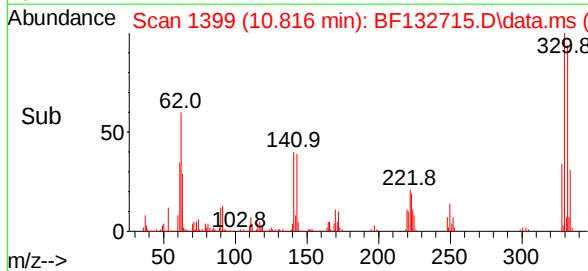
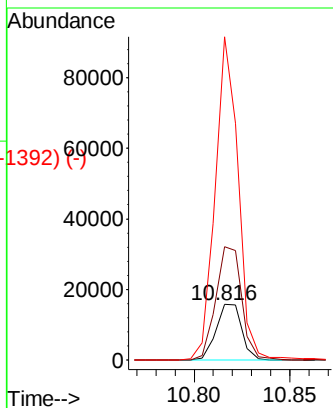
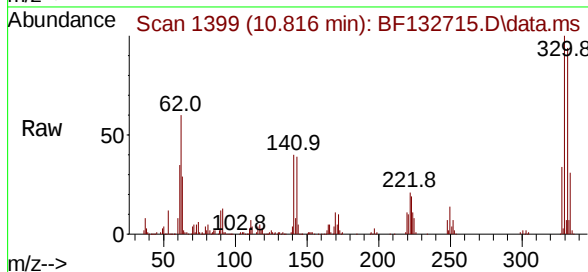
Abundance Scan 1404 (11.095 min): BF132504.D\data.ms (-1358) (-)

4-Bromophenyl-phenylether
Concen: 2.652 ng
RT: 10.816 min Scan# 1399
Delta R.T. -0.259 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

Instrument :
BNA_F
ClientSampleId :



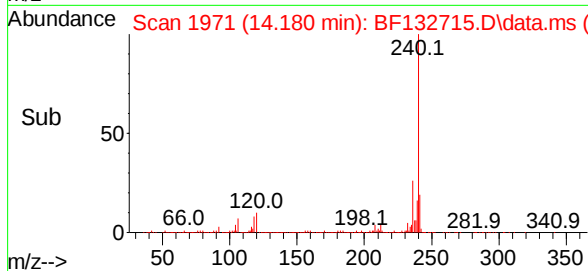
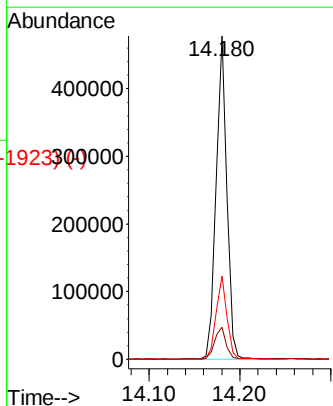
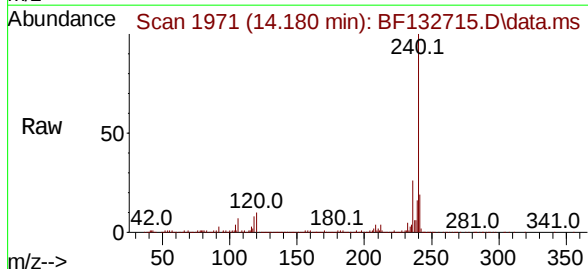
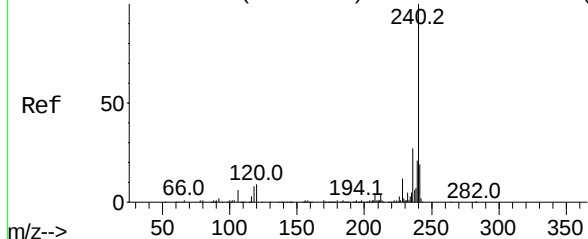
Tgt Ion:248 Resp: 14671
Ion Ratio Lower Upper
248 100
250 204.2 77.0 115.4#
141 581.4 54.2 81.2#

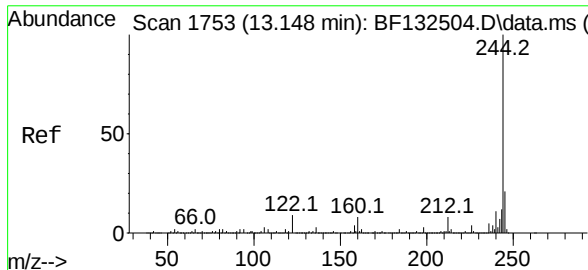


Abundance Scan 1935 (14.218 min): BF132504.D\data.ms (-1926) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BF132715.D
Acq: 09 Mar 2023 13:30

Tgt Ion:240 Resp: 395345
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 25.7 21.8 32.6





Terphenyl-d14

Concen: 46.023 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.018 min

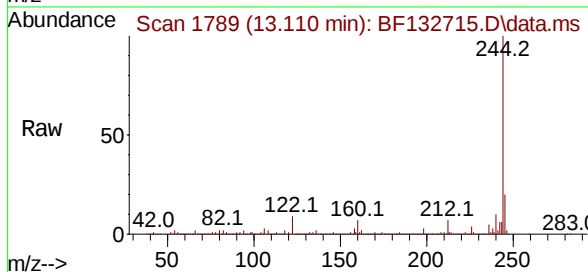
Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :



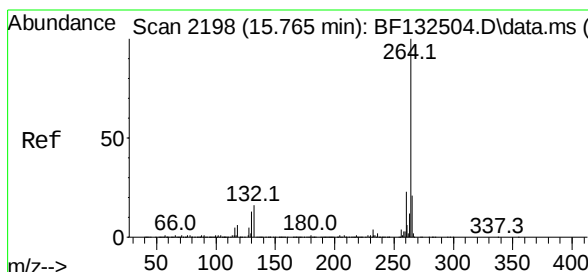
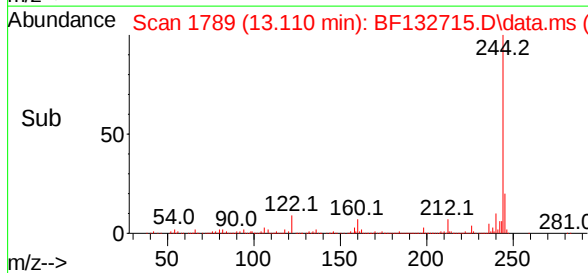
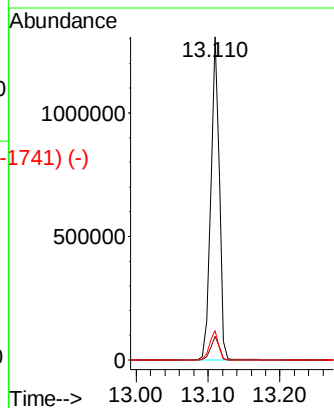
Tgt Ion:244 Resp: 1076148

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 9.2 7.5 11.3



Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.018 min

Lab File: BF132715.D

Acq: 09 Mar 2023 13:30

Tgt Ion:264 Resp: 381498

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.4 17.1 25.7

