

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132719.D
 Acq On : 09 Mar 2023 15:43
 Operator : CG\JU
 Sample : 01834-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 16:47:44 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 16:26:19 2023
 Response via : Initial Calibration

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

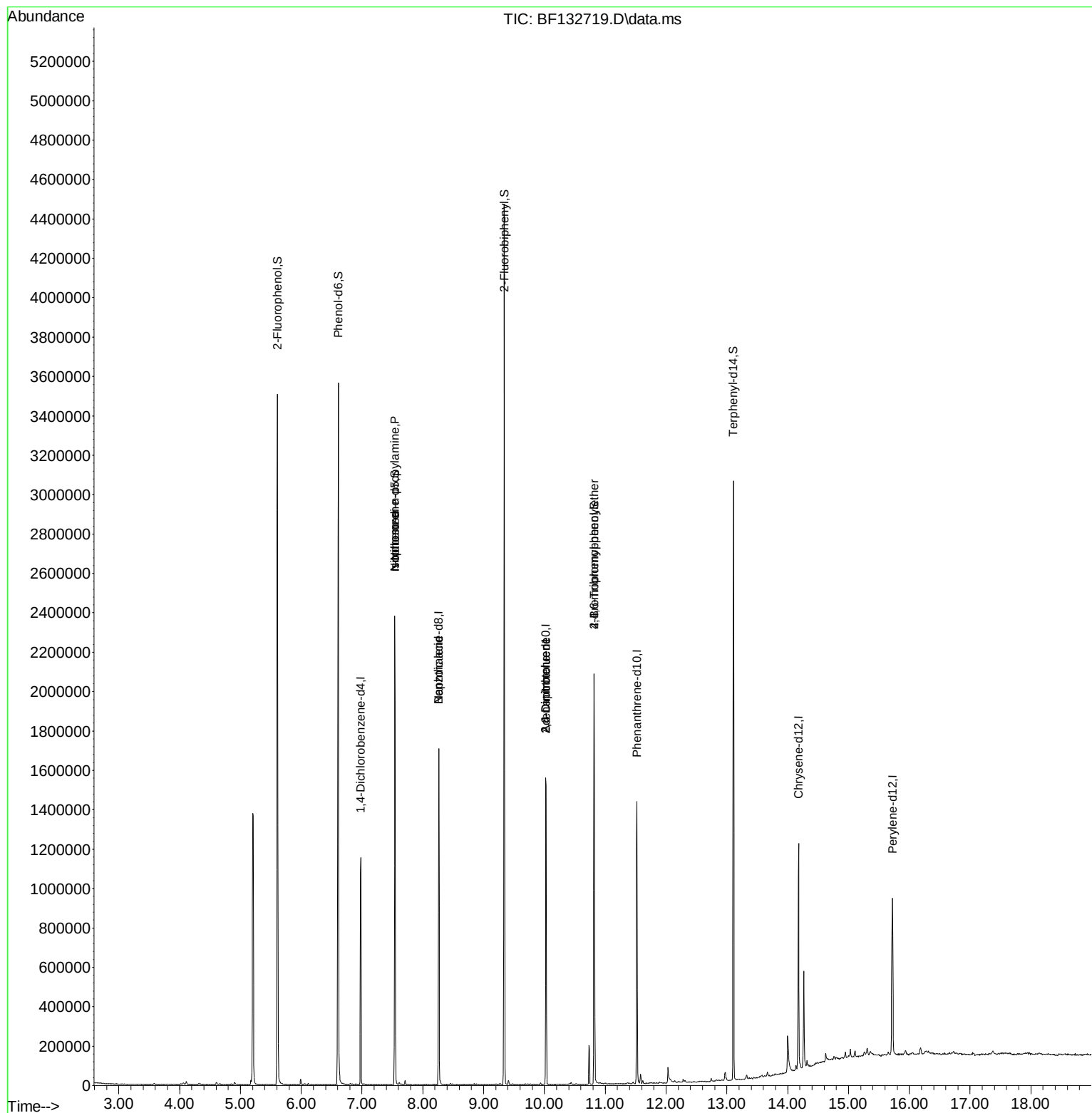
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	175406	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	656170	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	325469	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	528018	20.000	ng	0.00
76) Chrysene-d12	14.180	240	377387	20.000	ng	0.00
86) Perylene-d12	15.721	264	374153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	970176	89.767	ng	0.00
7) Phenol-d6	6.610	99	1219556	86.462	ng	-0.01
23) Nitrobenzene-d5	7.540	82	758702	54.858	ng	-0.02
42) 2,4,6-Tribromophenol	10.816	330	239057	68.012	ng	-0.01
45) 2-Fluorobiphenyl	9.339	172	1225416	57.329	ng	0.00
79) Terphenyl-d14	13.110	244	1028116	46.061	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.540	70	98470	11.343	ng	# 76
25) Isophorone	7.540	82	758696	28.613	ng	# 67
32) Benzoic acid	8.263	122	74	3.844	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	42230	7.825	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	42230	5.882	ng	# 21
67) 4-Bromophenyl-phenylether	10.816	248	15894	2.661	ng	# 1

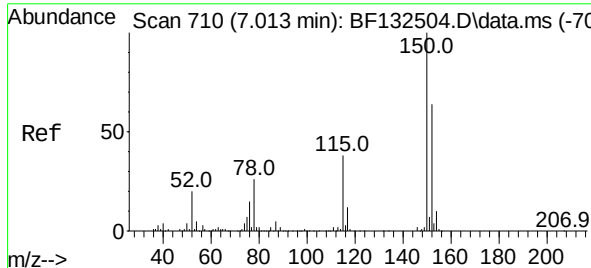
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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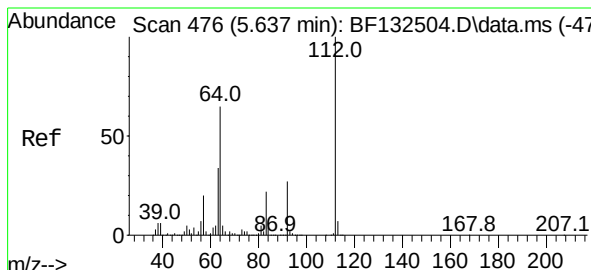
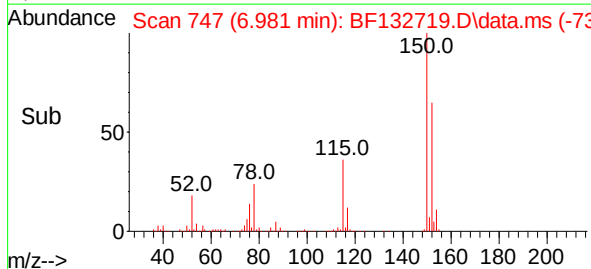
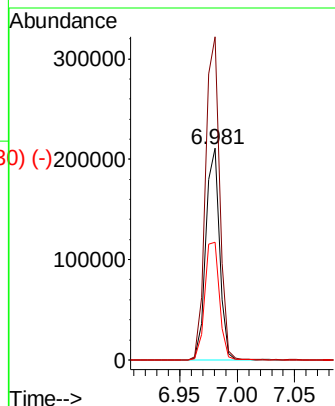
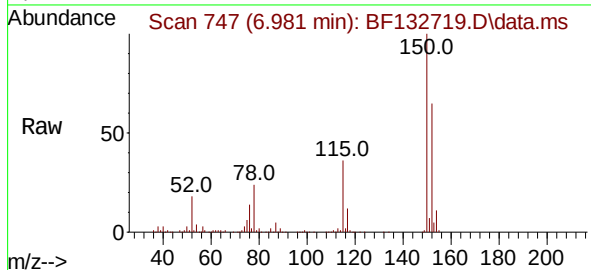




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan#
 Delta R.T. -0.000 min
 Lab File: BF132719.D
 Acq: 09 Mar 2023 15:43

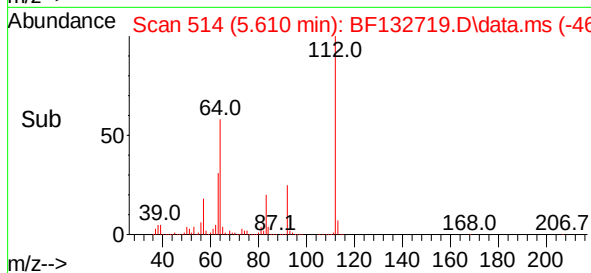
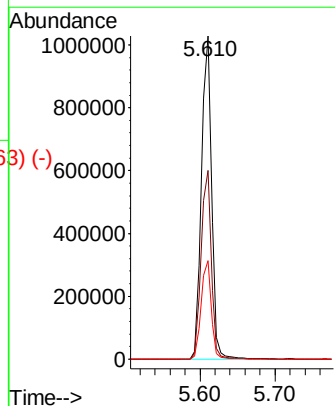
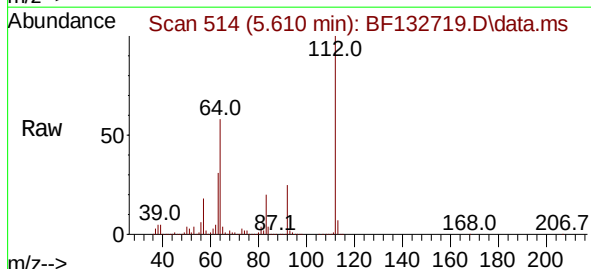
Instrument :
 BNA_F
 ClientSampleId :

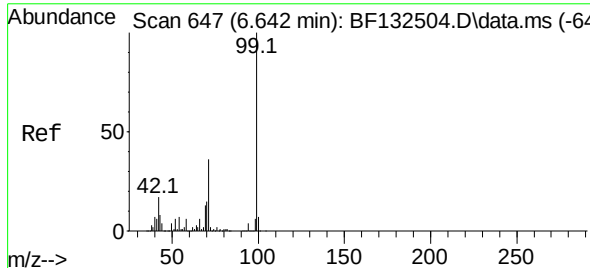
Tgt Ion:152 Resp: 175406
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.4 188.2
 115 55.5 47.8 71.6



2-Fluorophenol
 Concen: 89.767 ng
 RT: 5.610 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF132719.D
 Acq: 09 Mar 2023 15:43

Tgt Ion:112 Resp: 970176
 Ion Ratio Lower Upper
 112 100
 64 58.4 51.6 77.4
 63 30.6 27.4 41.2





Phenol-d6

Concen: 86.462 ng

RT: 6.610 min Scan# 647

Delta R.T. -0.012 min

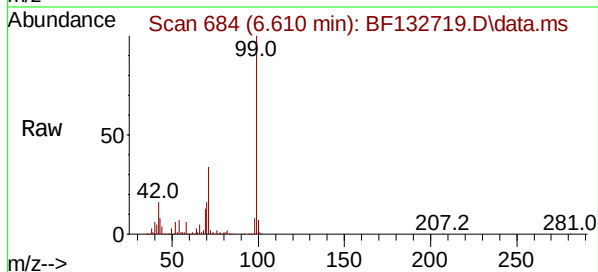
Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :



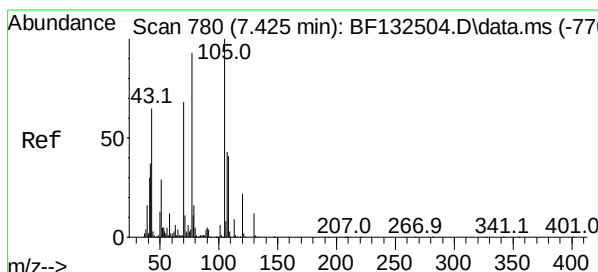
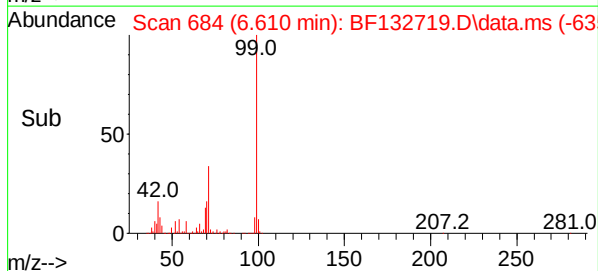
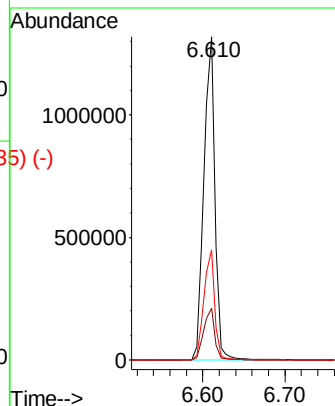
Tgt Ion: 99 Resp: 1219556

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

71 34.0 28.5 42.7



n-Nitroso-di-n-propylamine

Concen: 11.343 ng

RT: 7.540 min Scan# 842

Delta R.T. 0.141 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Tgt Ion: 70 Resp: 98470

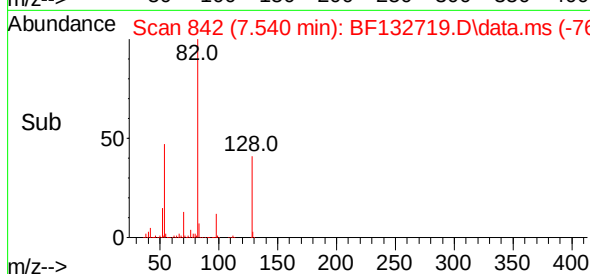
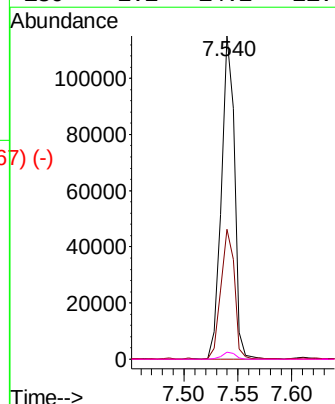
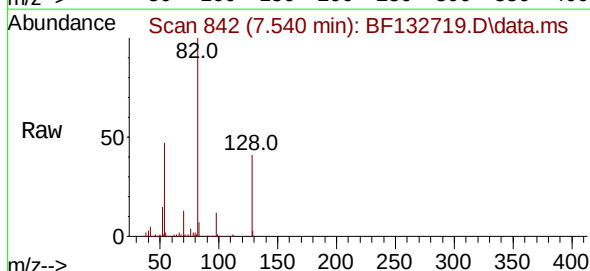
Ion Ratio Lower Upper

70 100

42 40.1 44.1 66.1#

101 0.0 7.4 11.2#

130 2.2 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# 915

Delta R.T. -0.006 min

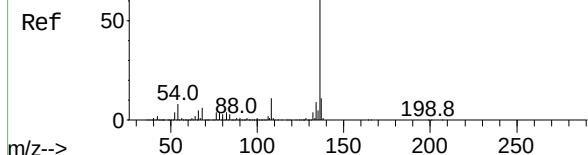
Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 656170

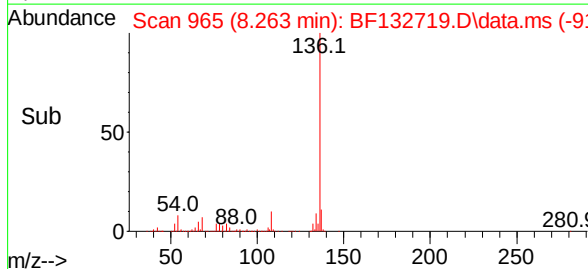
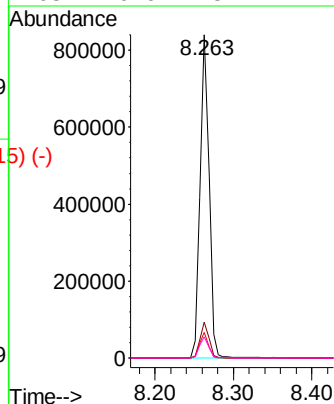
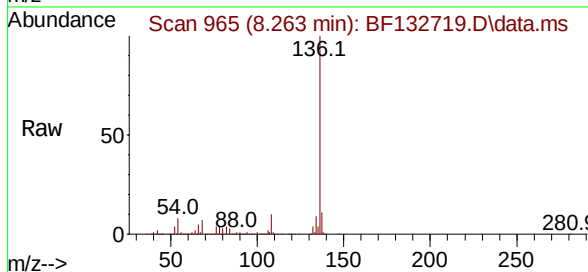
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 6.2 9.4

68 6.6 5.2 7.8



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

Nitrobenzene-d5

Concen: 54.858 ng

RT: 7.540 min Scan# 842

Delta R.T. -0.017 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

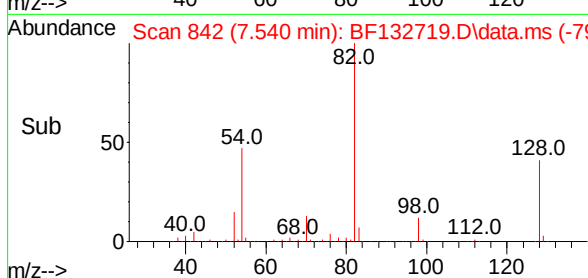
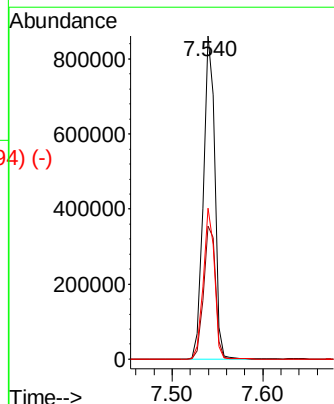
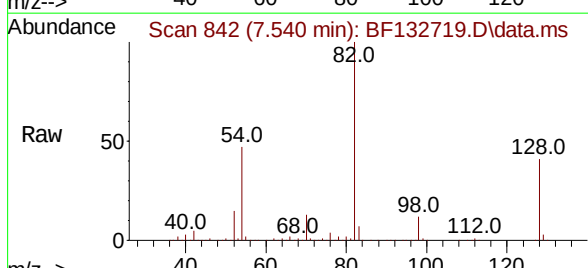
Tgt Ion: 82 Resp: 758702

Ion Ratio Lower Upper

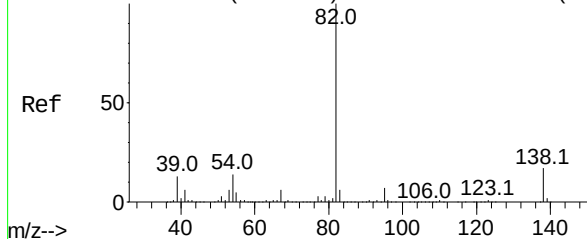
82 100

128 41.2 32.2 48.2

54 46.7 38.4 57.6



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



Isophorone

Concen: 28.613 ng

RT: 7.540 min Scan# 81

Delta R.T. -0.270 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :

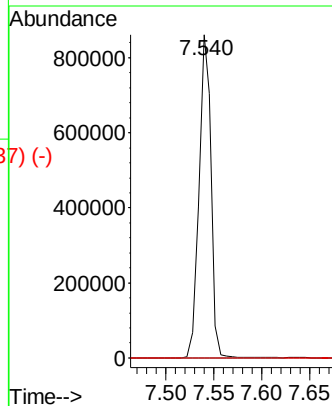
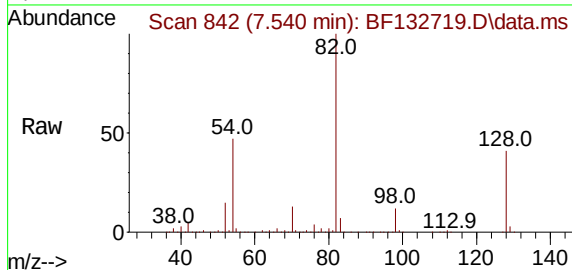
Tgt Ion: 82 Resp: 758696

Ion Ratio Lower Upper

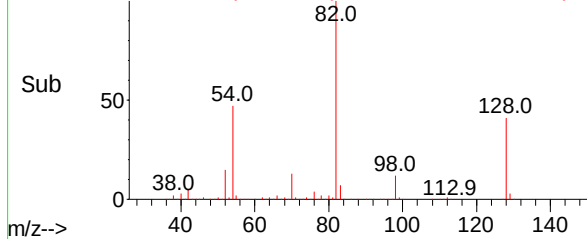
82 100

95 0.0 5.7 8.5#

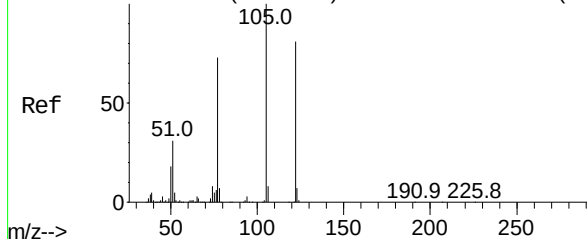
138 0.0 13.3 19.9#



Abundance Scan 842 (7.540 min): BF132719.D\data.ms (-837) (-)



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



Benzoic acid

Concen: 3.844 ng

RT: 8.263 min Scan# 965

Delta R.T. 0.212 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

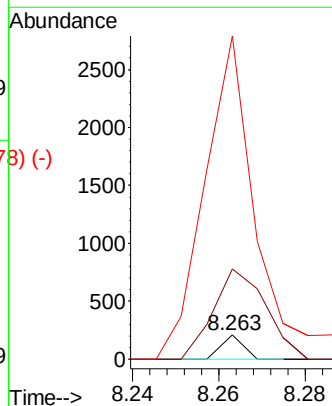
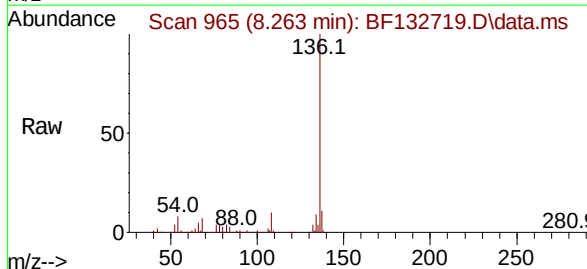
Tgt Ion:122 Resp: 74

Ion Ratio Lower Upper

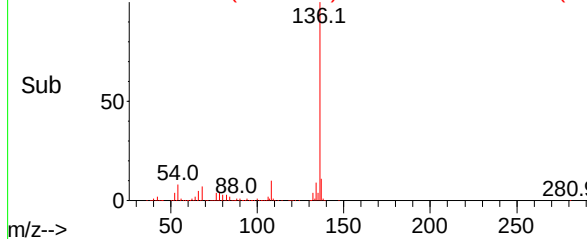
122 100

105 367.8 102.6 142.6#

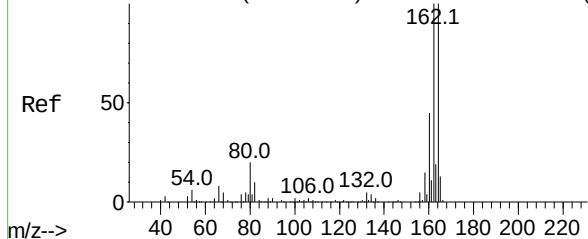
77 1322.3 70.2 110.2#



Abundance Scan 965 (8.263 min): BF132719.D\data.ms (-878) (-)



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. -0.012 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :

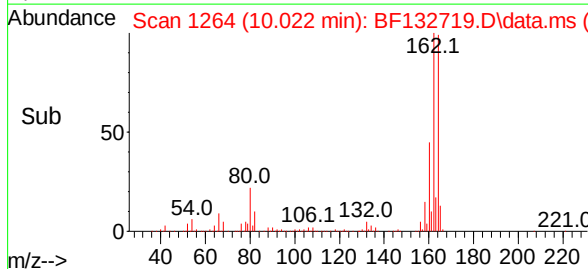
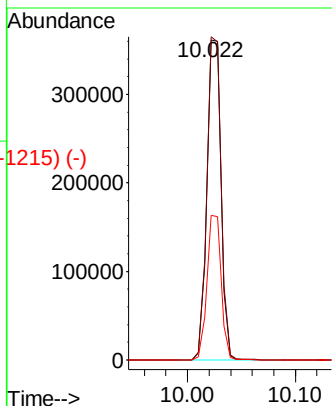
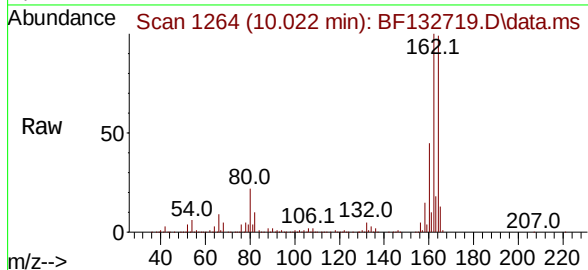
Tgt Ion:164 Resp: 325469

Ion Ratio Lower Upper

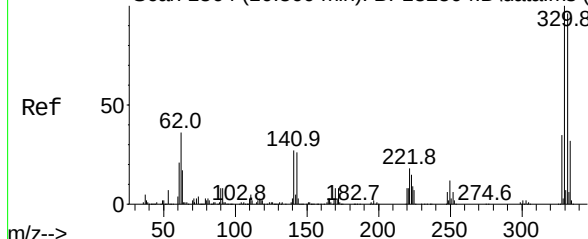
164 100

162 101.0 79.8 119.8

160 45.3 35.8 53.6



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



2,4,6-Tribromophenol

Concen: 68.012 ng

RT: 10.816 min Scan# 1399

Delta R.T. -0.012 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

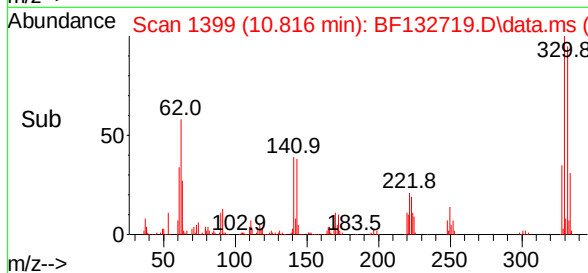
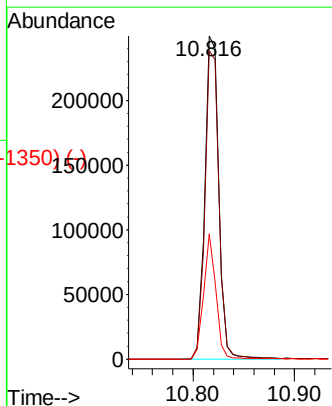
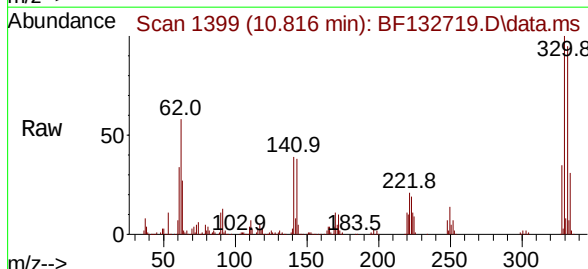
Tgt Ion:330 Resp: 239057

Ion Ratio Lower Upper

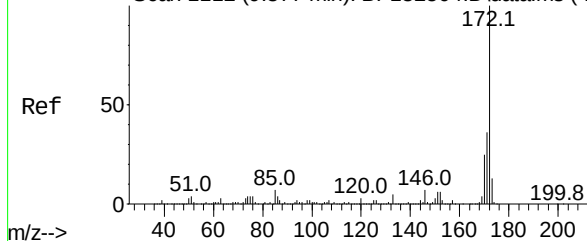
330 100

332 95.7 76.2 114.4

141 34.4 28.4 42.6



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



2-Fluorobiphenyl

Concen: 57.329 ng

RT: 9.339 min Scan#

Delta R.T. -0.006 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :

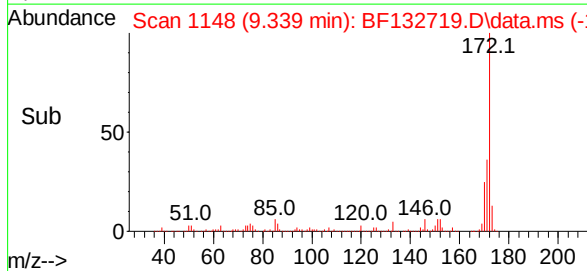
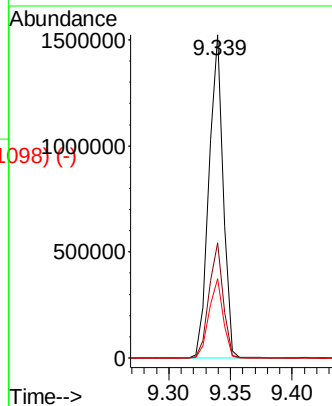
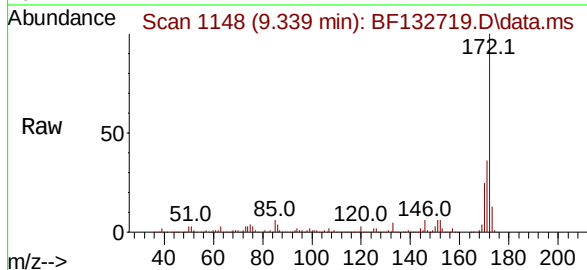
Tgt Ion:172 Resp: 1225416

Ion Ratio Lower Upper

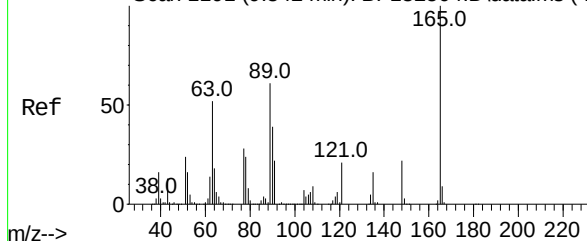
172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5



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



2,6-Dinitrotoluene

Concen: 7.825 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

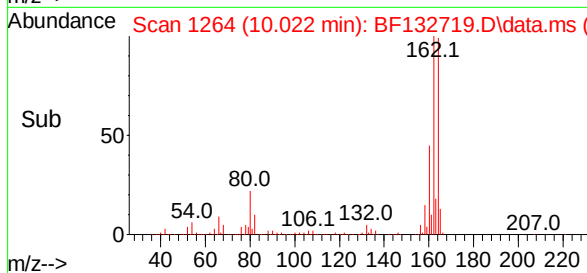
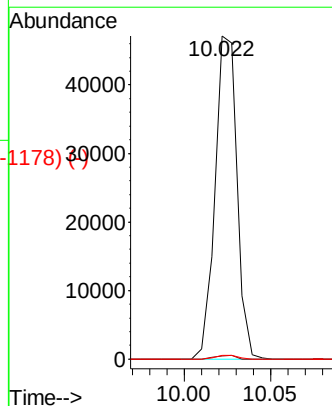
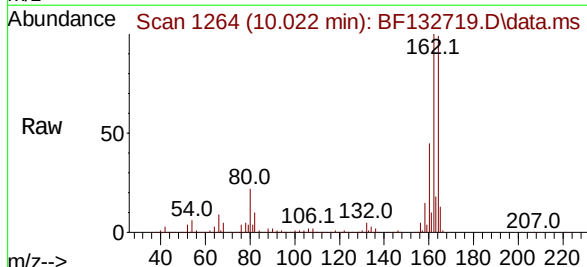
Tgt Ion:165 Resp: 42230

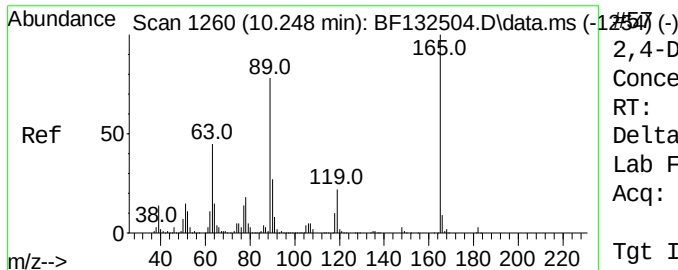
Ion Ratio Lower Upper

165 100

63 1.0 47.3 70.9#

89 1.2 48.9 73.3#

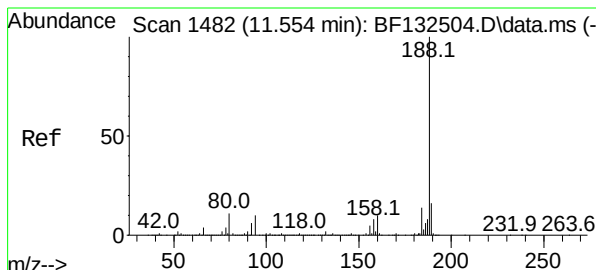
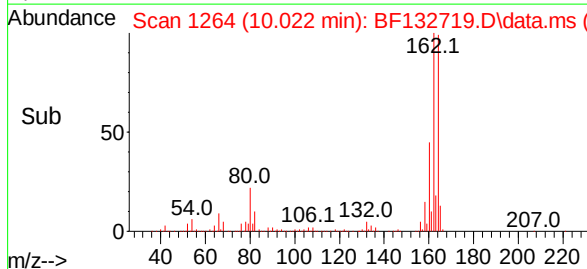
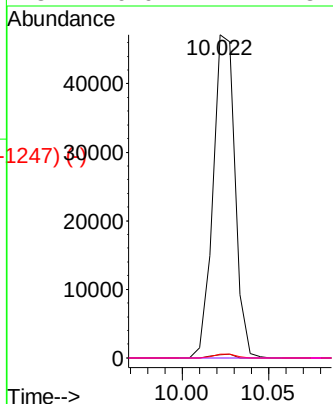
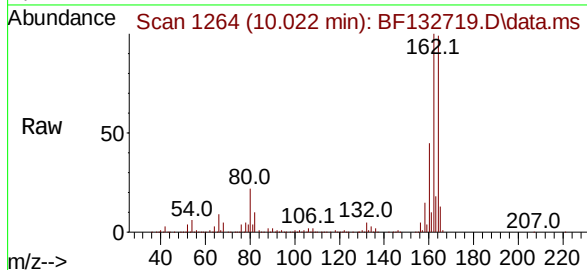




2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 10.022 min Scan# 1519
Delta R.T. -0.200 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

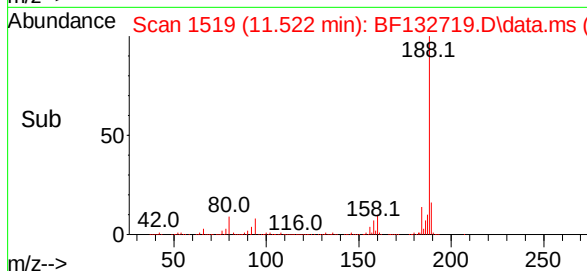
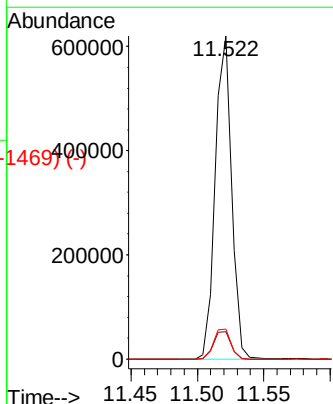
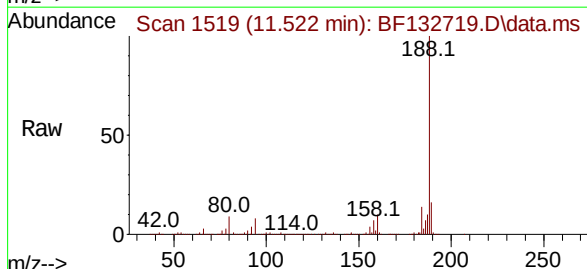
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	165	Resp:	42230
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.5	54.7#
89	1.2	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. -0.006 min
Lab File: BF132719.D
Acq: 09 Mar 2023 15:43

Tgt Ion:	188	Resp:	528018
Ion	Ratio	Lower	Upper
188	100		
94	8.5	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: 2.661 ng

RT: 10.816 min Scan# 1399

Delta R.T. -0.247 min

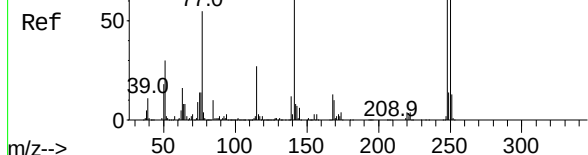
Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :



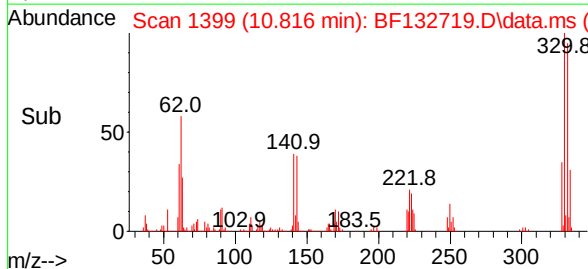
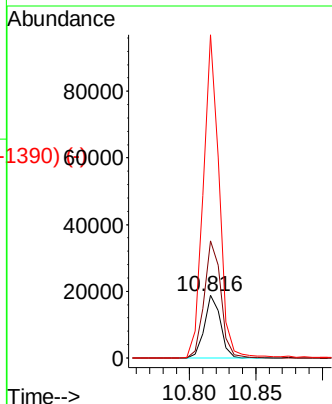
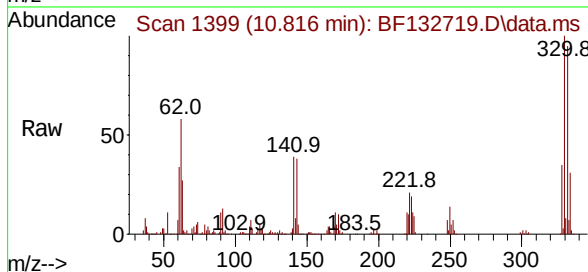
Tgt Ion:248 Resp: 15894

Ion Ratio Lower Upper

248 100

250 188.0 77.0 115.4#

141 518.0 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. -0.006 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

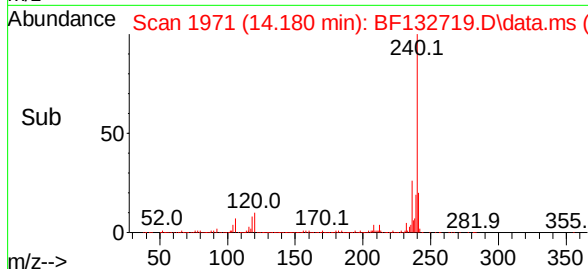
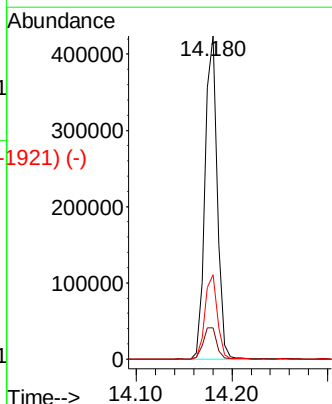
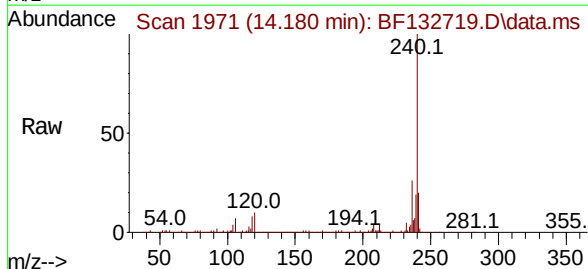
Tgt Ion:240 Resp: 377387

Ion Ratio Lower Upper

240 100

120 9.8 7.2 10.8

236 26.1 21.8 32.6



Abundance Scan 1753 (13.148 min): BF132504.D\data.ms (-1739) (-)

Terphenyl-d14

Concen: 46.061 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

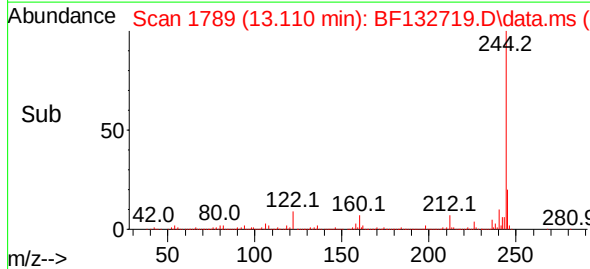
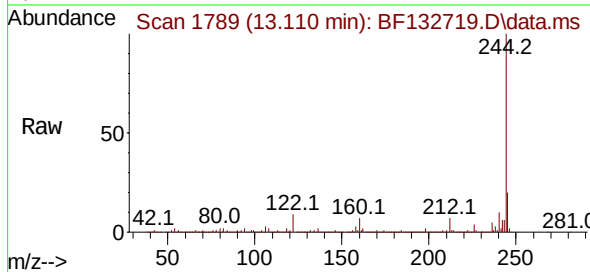
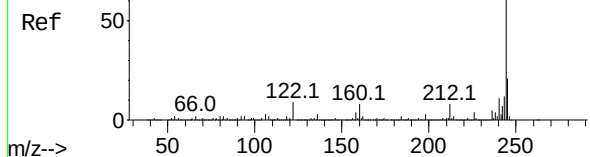
Lab File: BF132719.D

Acq: 09 Mar 2023 15:43

Instrument :

BNA_F

ClientSampleId :



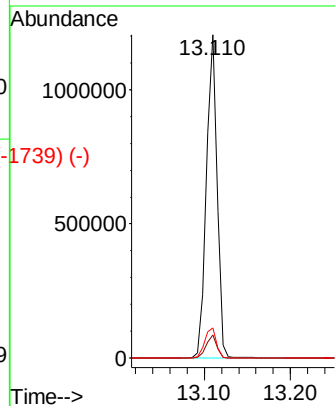
Tgt Ion:244 Resp: 1028116

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 9.3 7.5 11.3



Abundance Scan 2198 (15.765 min): BF132504.D\data.ms (-2183) (-)

Perylene-d12

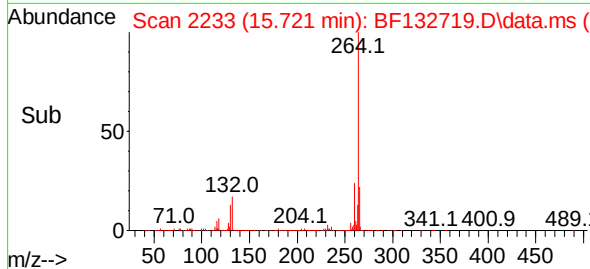
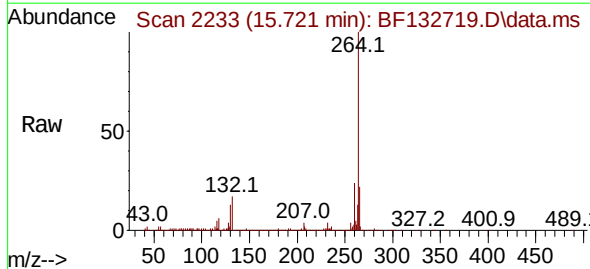
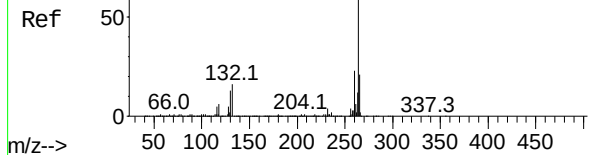
Concen: 20.000 ng

RT: 15.721 min Scan# 2233

Delta R.T. -0.006 min

Lab File: BF132719.D

Acq: 09 Mar 2023 15:43



Tgt Ion:264 Resp: 374153

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.2 17.1 25.7

