

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132720.D
 Acq On : 09 Mar 2023 16:16
 Operator : CG\JU
 Sample : 01833-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 16:47:58 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)

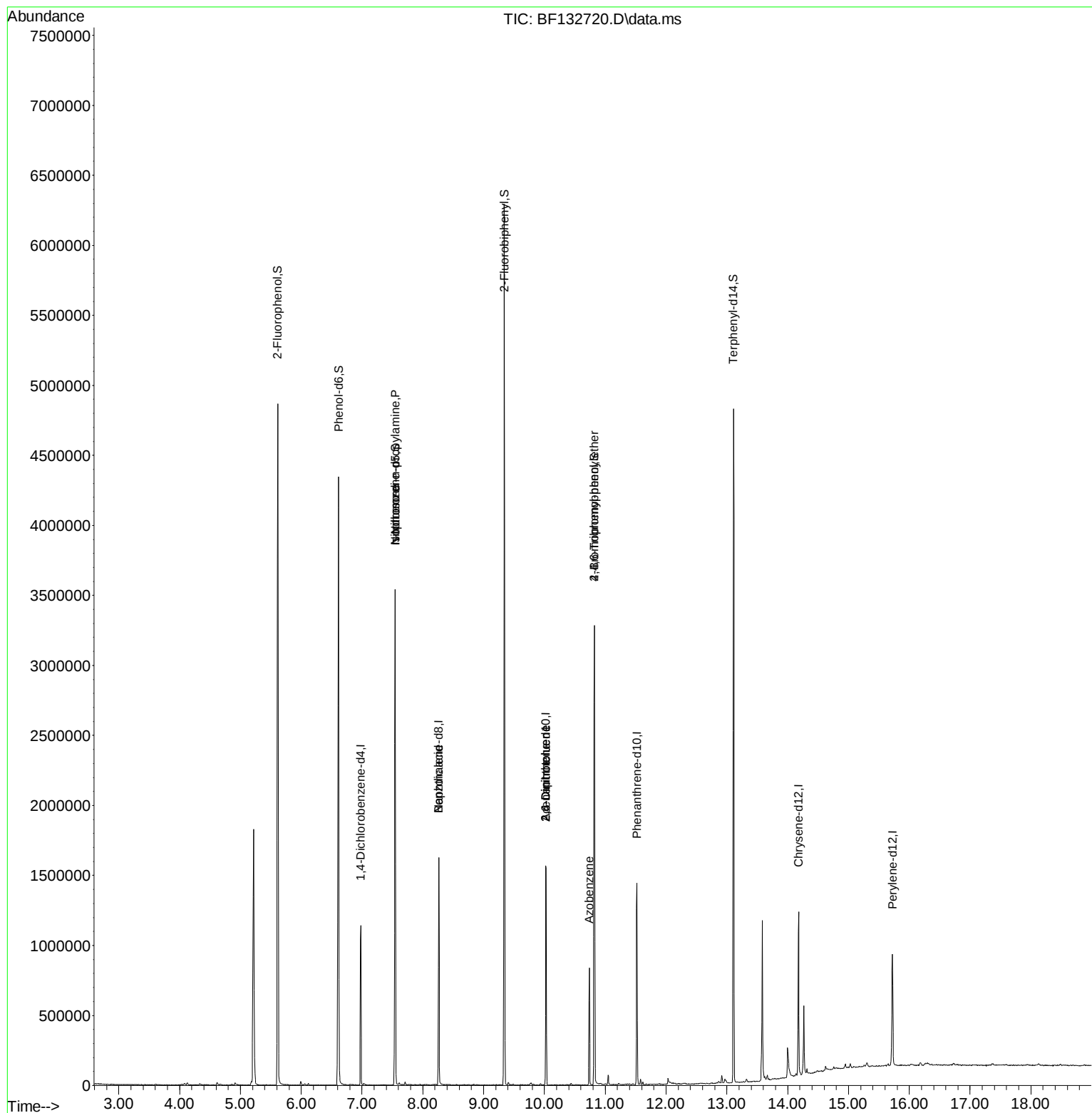
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	172040	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	631174	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	327572	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	533949	20.000	ng	0.00
76) Chrysene-d12	14.180	240	389040	20.000	ng	0.00
86) Perylene-d12	15.721	264	377813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1360813	128.375	ng	0.00
7) Phenol-d6	6.616	99	1730014	125.052	ng	0.00
23) Nitrobenzene-d5	7.545	82	1141402	85.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	391014	110.530	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1847788	85.891	ng	0.00
79) Terphenyl-d14	13.110	244	1738065	75.535	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	149999	17.618	ng	# 76
25) Isophorone	7.545	82	1141389	44.750	ng	# 67
32) Benzoic acid	8.263	122	206	3.860	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	42205	7.770	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	42205	5.840	ng	# 21
63) Azobenzene	10.739	77	139739	5.664	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	24954	4.132	ng	# 1

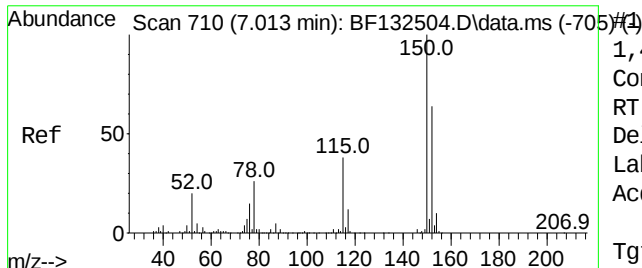
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132720.D
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Quant Time: Mar 09 16:47:58 2023
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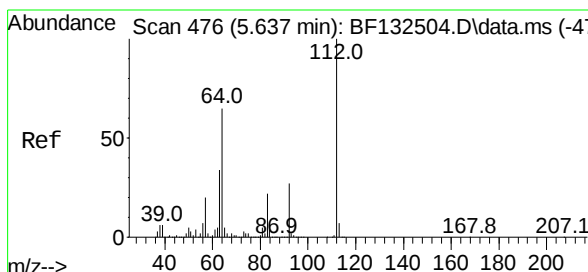
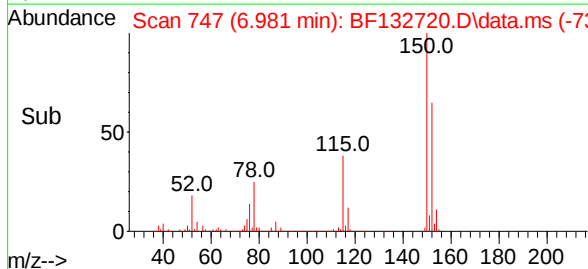
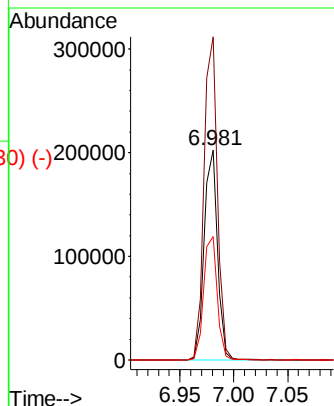
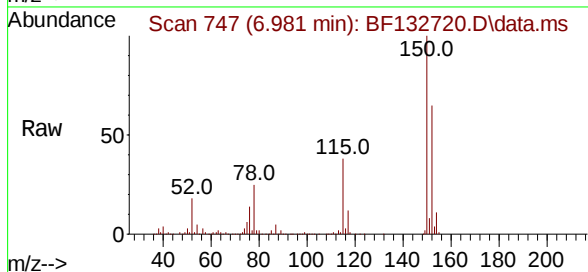




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan#
 Delta R.T. -0.000 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

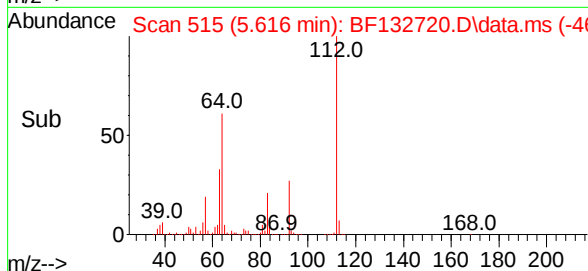
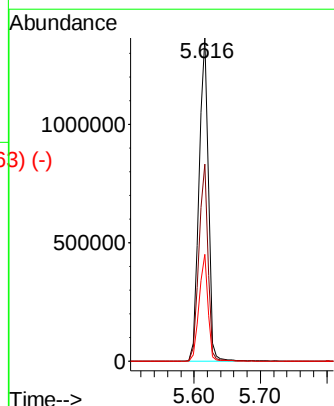
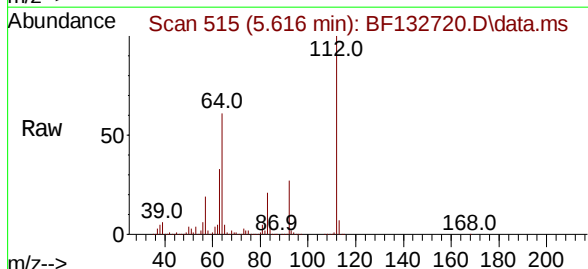
Instrument :
 BNA_F
 ClientSampleId :

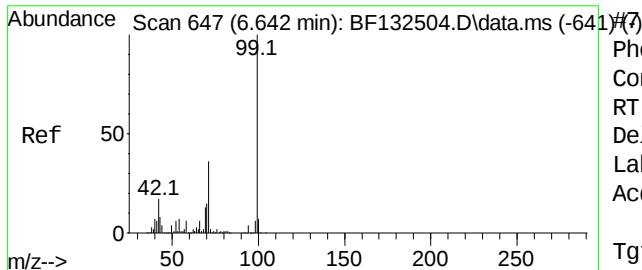
Tgt Ion:	152	Resp:	172040
Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.4	188.2
115	58.7	47.8	71.6



2-Fluorophenol
 Concen: 128.375 ng
 RT: 5.616 min Scan# 515
 Delta R.T. 0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion:	112	Resp:	1360813
Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.6	77.4
63	33.1	27.4	41.2

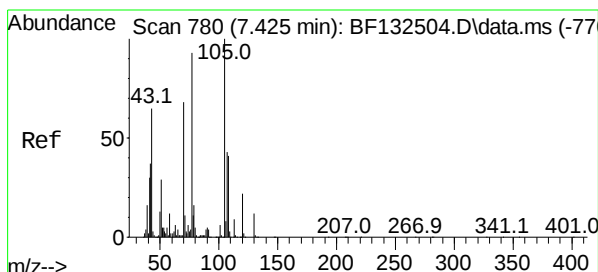
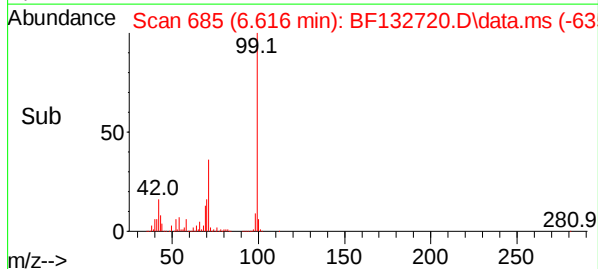
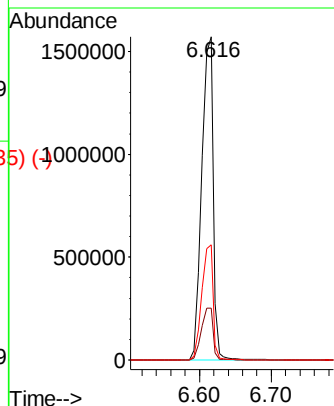
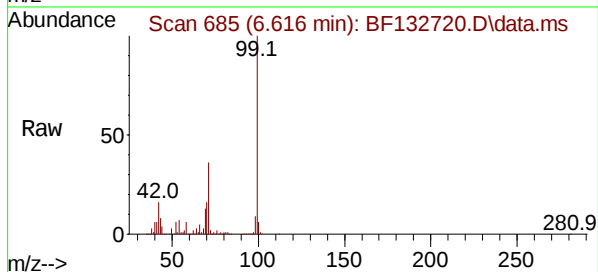




Phenol-d6
 Concen: 125.052 ng
 RT: 6.616 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

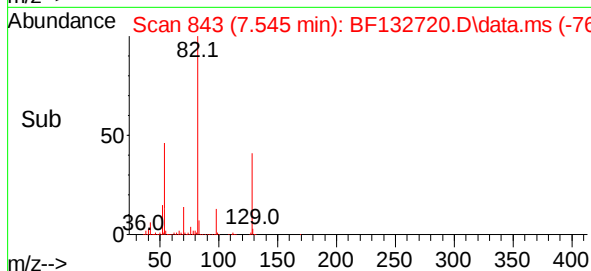
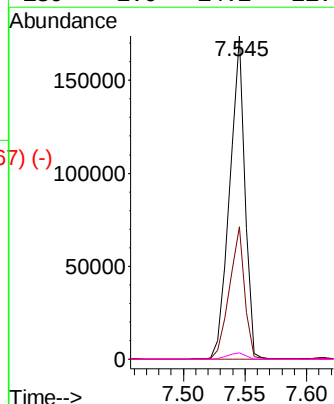
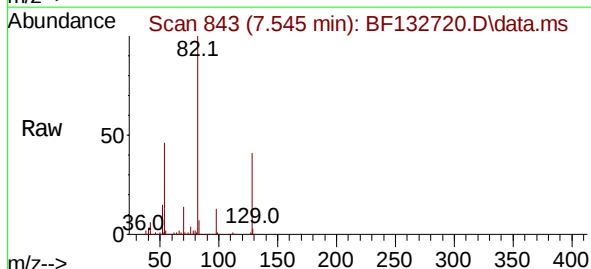
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 99 Resp: 1730014
 Ion Ratio Lower Upper
 99 100
 42 16.0 13.9 20.9
 71 35.7 28.5 42.7



n-Nitroso-di-n-propylamine
 Concen: 17.618 ng
 RT: 7.545 min Scan# 843
 Delta R.T. 0.147 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion: 70 Resp: 149999
 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# 929

Delta R.T. -0.006 min

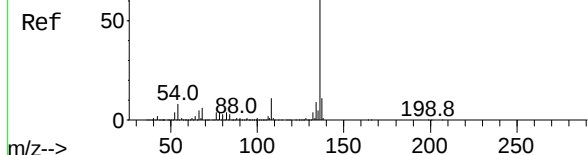
Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 631174

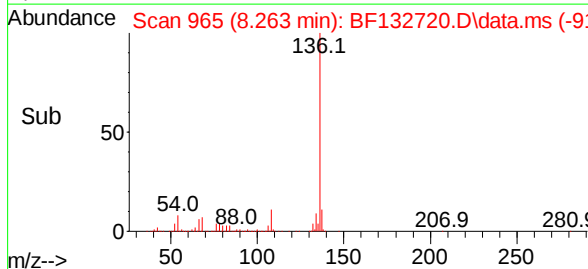
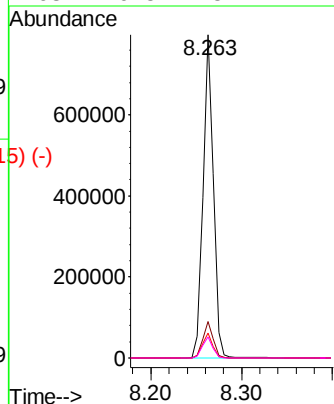
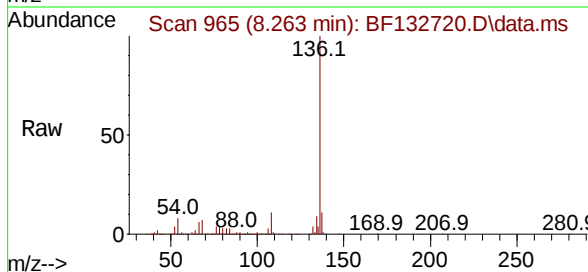
Ion Ratio Lower Upper

136 100

137 11.2 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: 85.797 ng

RT: 7.545 min Scan# 843

Delta R.T. -0.012 min

Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

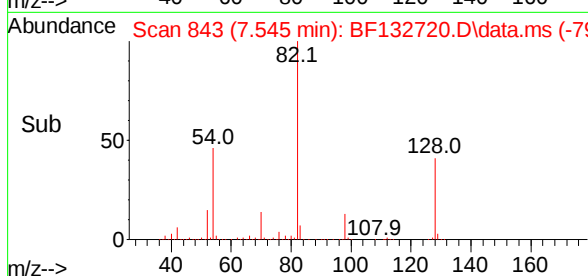
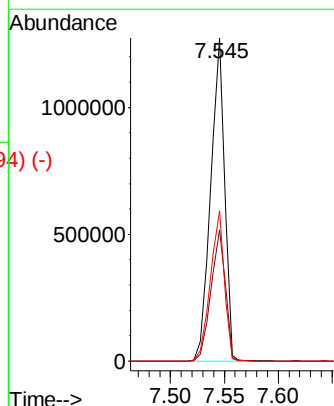
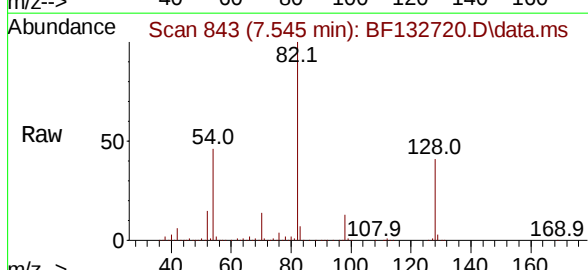
Tgt Ion: 82 Resp: 1141402

Ion Ratio Lower Upper

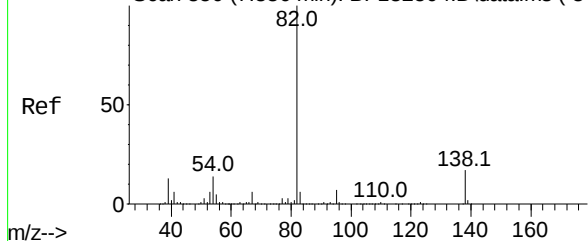
82 100

128 40.5 32.2 48.2

54 46.5 38.4 57.6



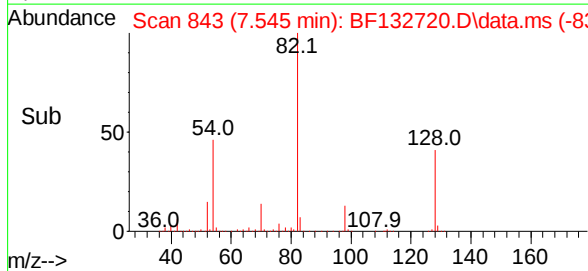
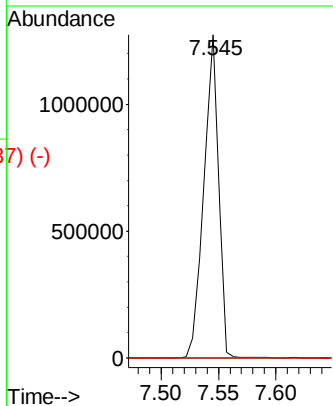
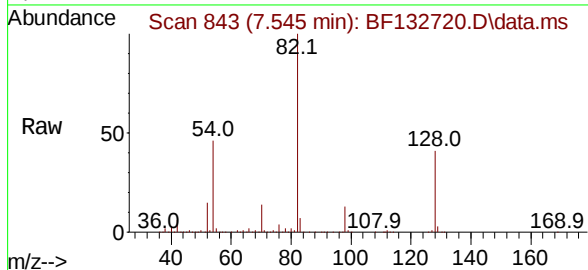
Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



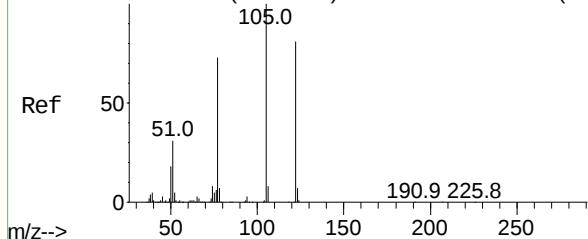
Isophorone
Concen: 44.750 ng
RT: 7.545 min Scan# 812
Delta R.T. -0.265 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1141389
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#

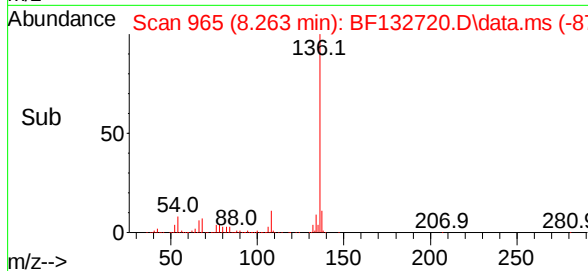
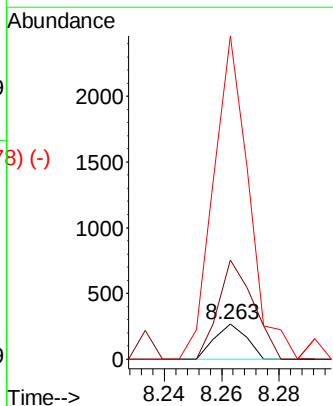
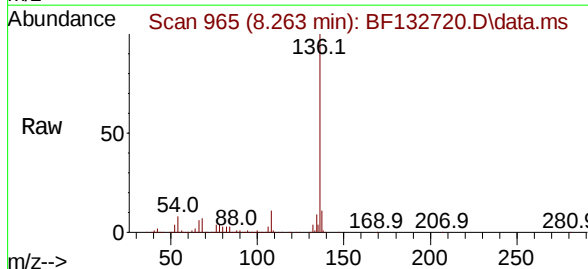


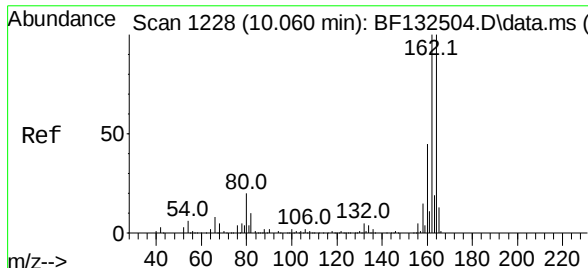
Abundance Scan 891 (8.078 min): BF132504.D\data.ms (-875) #32



Benzoic acid
Concen: 3.860 ng
RT: 8.263 min Scan# 965
Delta R.T. 0.212 min
Lab File: BF132720.D
Acq: 09 Mar 2023 16:16

Tgt Ion:122 Resp: 206
Ion Ratio Lower Upper
122 100
105 279.9 102.6 142.6#
77 914.1 70.2 110.2#

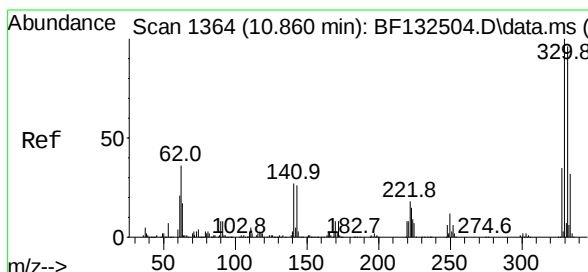
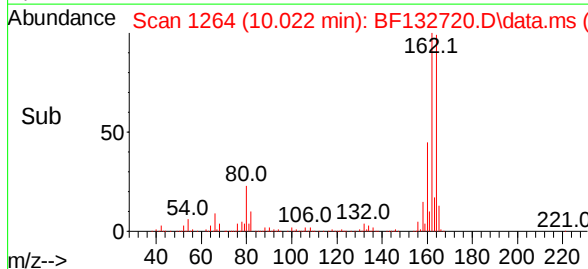
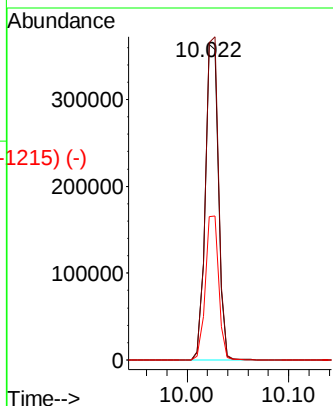
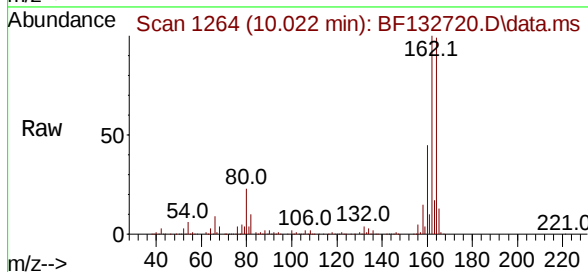




Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.022 min Scan# 1229
 Delta R.T. -0.012 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

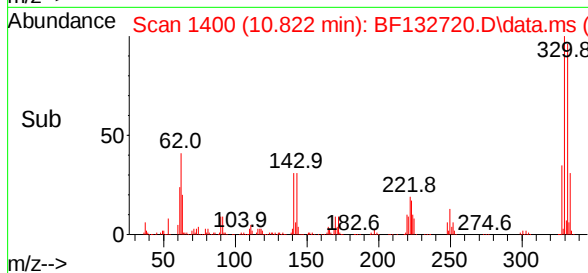
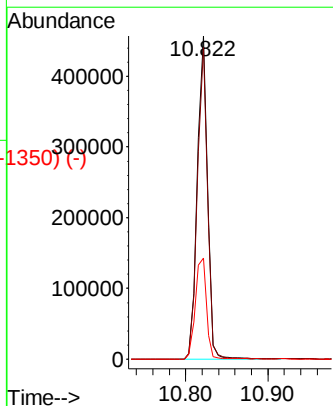
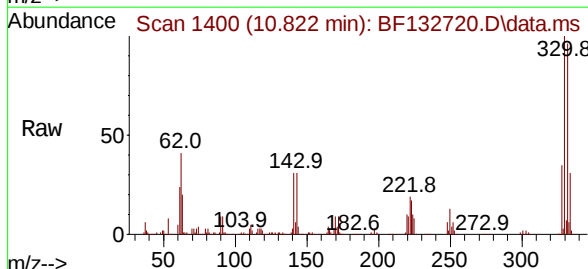
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	164	Resp:	327572
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.8
160	45.5	35.8	53.6

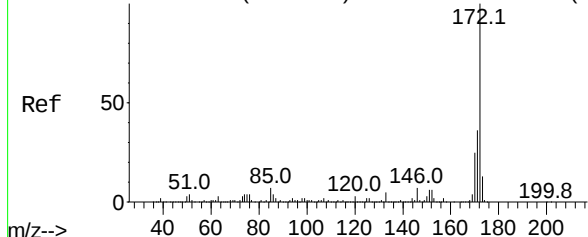


2,4,6-Tribromophenol
 Concen: 110.530 ng
 RT: 10.822 min Scan# 1400
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion:	330	Resp:	391014
Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	34.2	28.4	42.6



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



2-Fluorobiphenyl

Concen: 85.891 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

Instrument :

BNA_F

ClientSampleId :

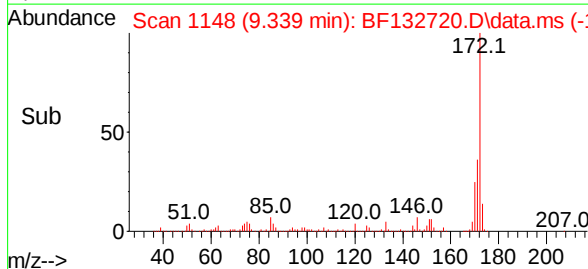
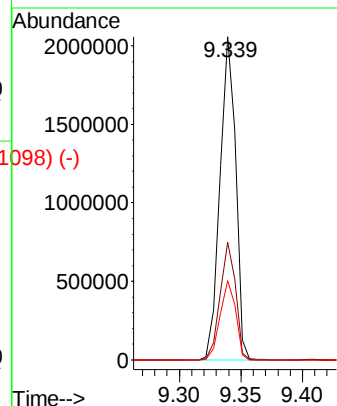
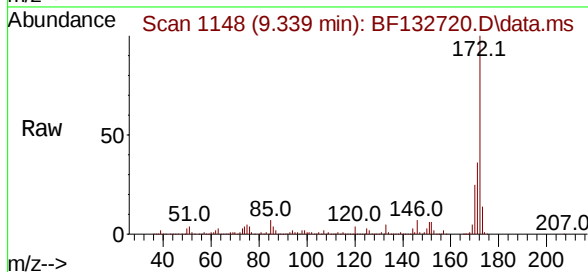
Tgt Ion:172 Resp: 1847788

Ion Ratio Lower Upper

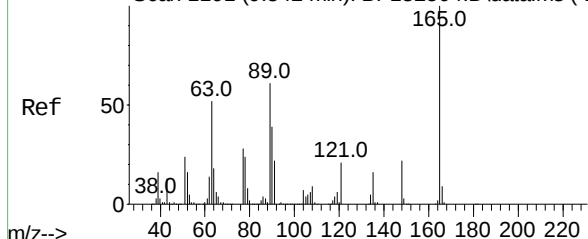
172 100

171 36.4 28.8 43.2

170 24.6 19.7 29.5



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



2,6-Dinitrotoluene

Concen: 7.770 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

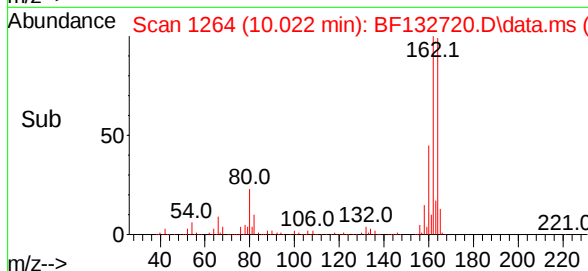
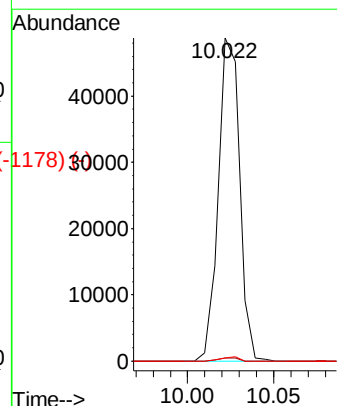
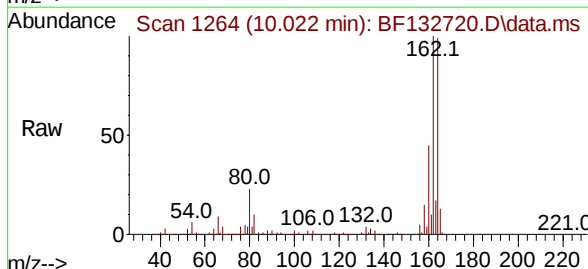
Tgt Ion:165 Resp: 42205

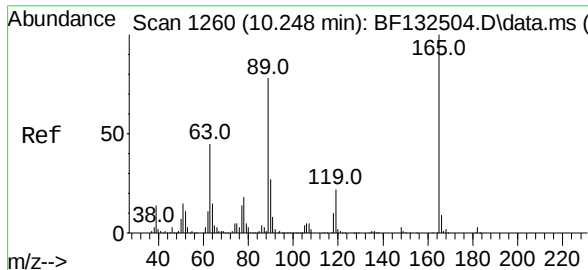
Ion Ratio Lower Upper

165 100

63 1.0 47.3 70.9#

89 0.9 48.9 73.3#

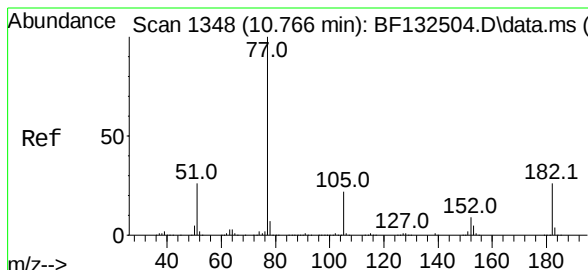
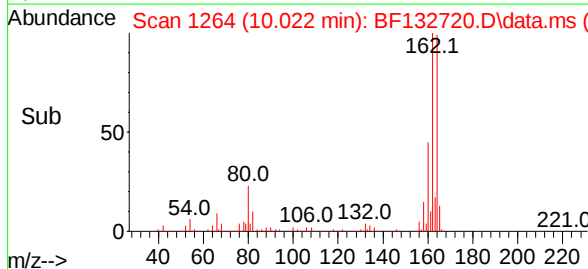
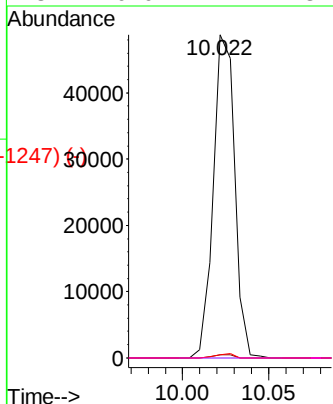
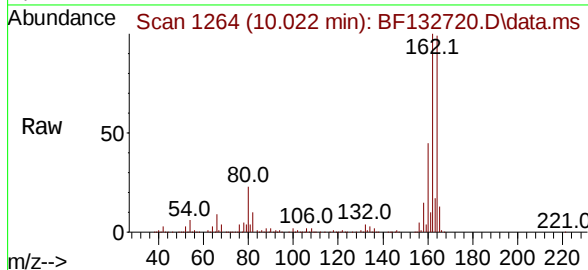




Scan 1260 (10.248 min): BF132504.D\data.ms (-1257) (-)
 2,4-Dinitrotoluene
 Concen: 5.840 ng
 RT: 10.022 min Scan# 1257
 Delta R.T. -0.200 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

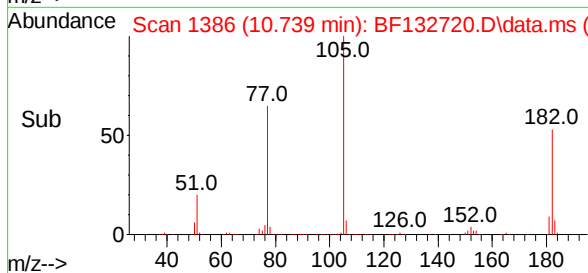
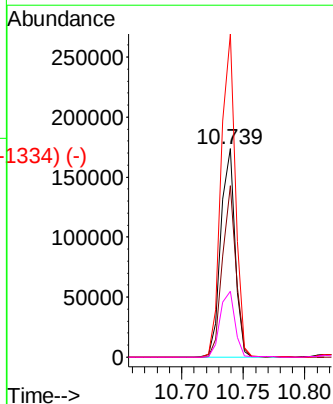
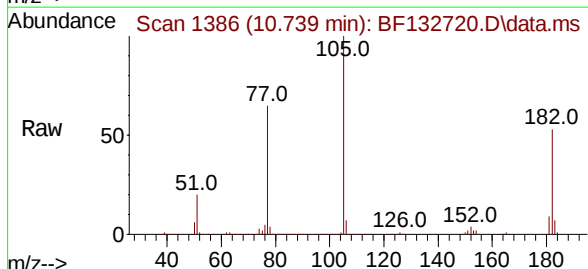
Instrument :
 BNA_F
 ClientSampleId :

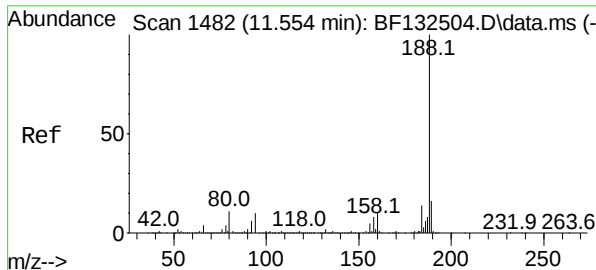
Tgt Ion:	165	Resp:	42205
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.5	54.7#
89	0.9	62.4	93.6#
182	0.0	2.1	3.1#



Scan 1348 (10.766 min): BF132504.D\data.ms (-1348) (-)
 Azobenzene
 Concen: 5.664 ng
 RT: 10.739 min Scan# 1386
 Delta R.T. 0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion:	77	Resp:	139739
Ion	Ratio	Lower	Upper
77	100		
182	82.4	5.5	45.5#
105	155.0	1.8	41.8#
51	31.5	6.4	46.4

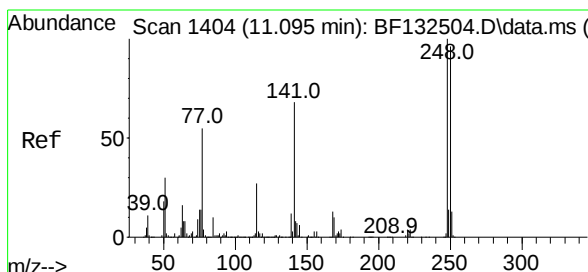
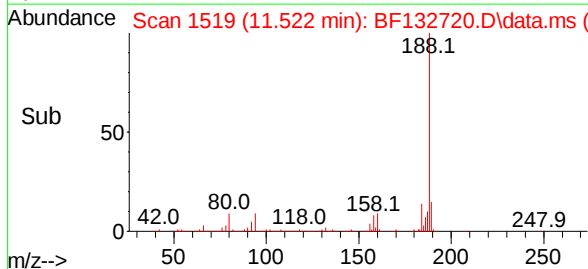
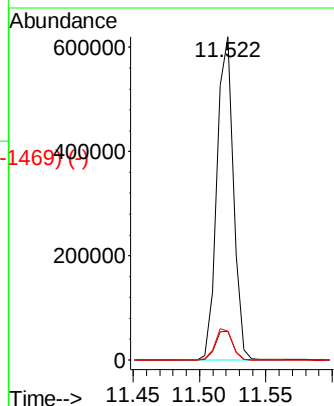
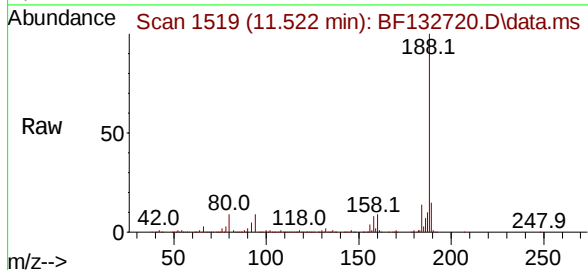




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.522 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

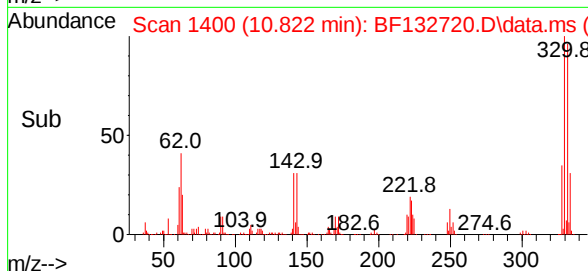
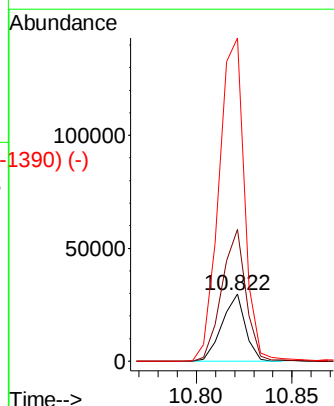
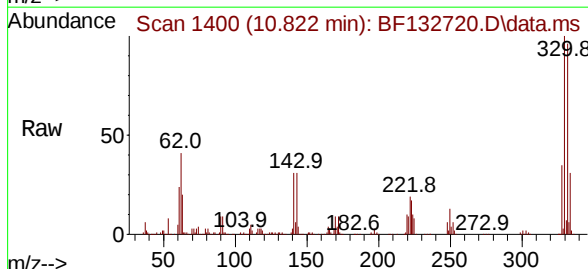
Instrument :
 BNA_F
 ClientSampleId :

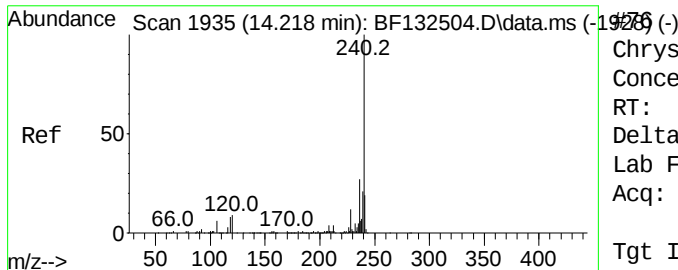
Tgt Ion:	188	Resp:	533949
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.3	12.5
80	8.9	8.7	13.1



4-Bromophenyl-phenylether
 Concen: 4.132 ng
 RT: 10.822 min Scan# 1400
 Delta R.T. -0.241 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Tgt Ion:	248	Resp:	24954
Ion	Ratio	Lower	Upper
248	100		
250	196.3	77.0	115.4#
141	481.9	54.2	81.2#





Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan#

Delta R.T. -0.006 min

Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

Instrument :

BNA_F

ClientSampleId :

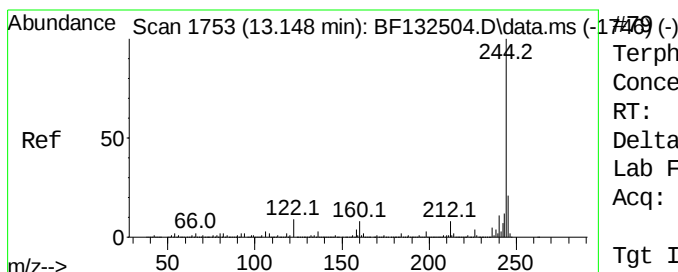
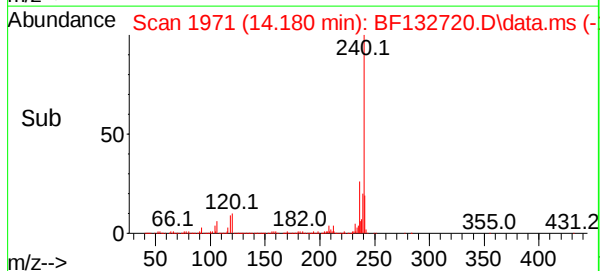
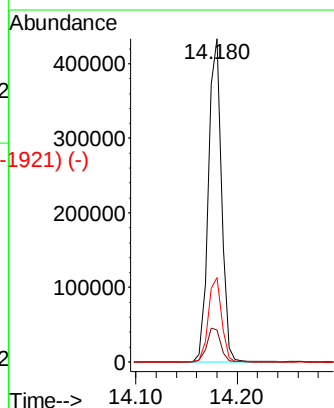
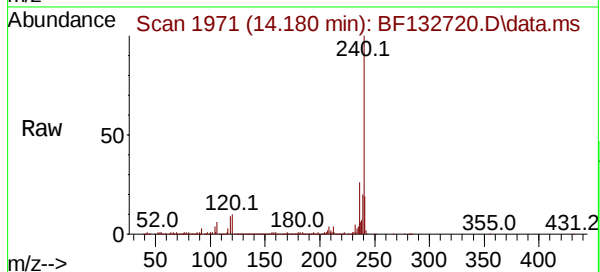
Tgt Ion:240 Resp: 389040

Ion Ratio Lower Upper

240 100

120 9.8 7.2 10.8

236 26.1 21.8 32.6



Terphenyl-d14

Concen: 75.535 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF132720.D

Acq: 09 Mar 2023 16:16

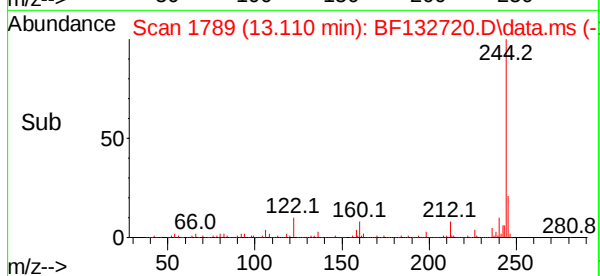
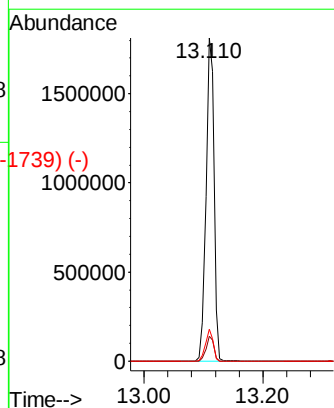
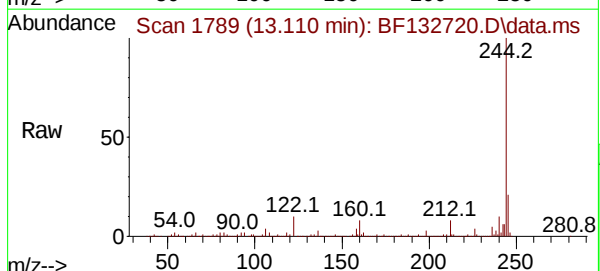
Tgt Ion:244 Resp: 1738065

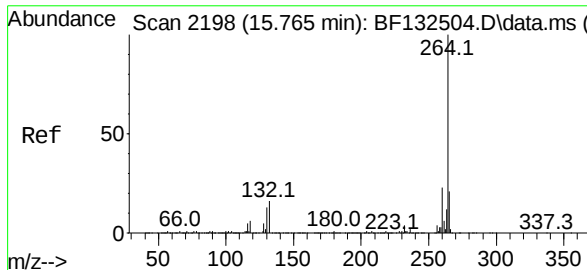
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.8 7.5 11.3





Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132720.D
 Acq: 09 Mar 2023 16:16

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	264	Resp:	377813
Ion Ratio	Lower	Upper	
264	100		
260	25.1	18.8	28.2
265	20.9	17.1	25.7

