

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132609.D
 Acq On : 02 Mar 2023 16:00
 Operator : CG\JU
 Sample : 01749-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-4

Quant Time: Mar 02 16:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

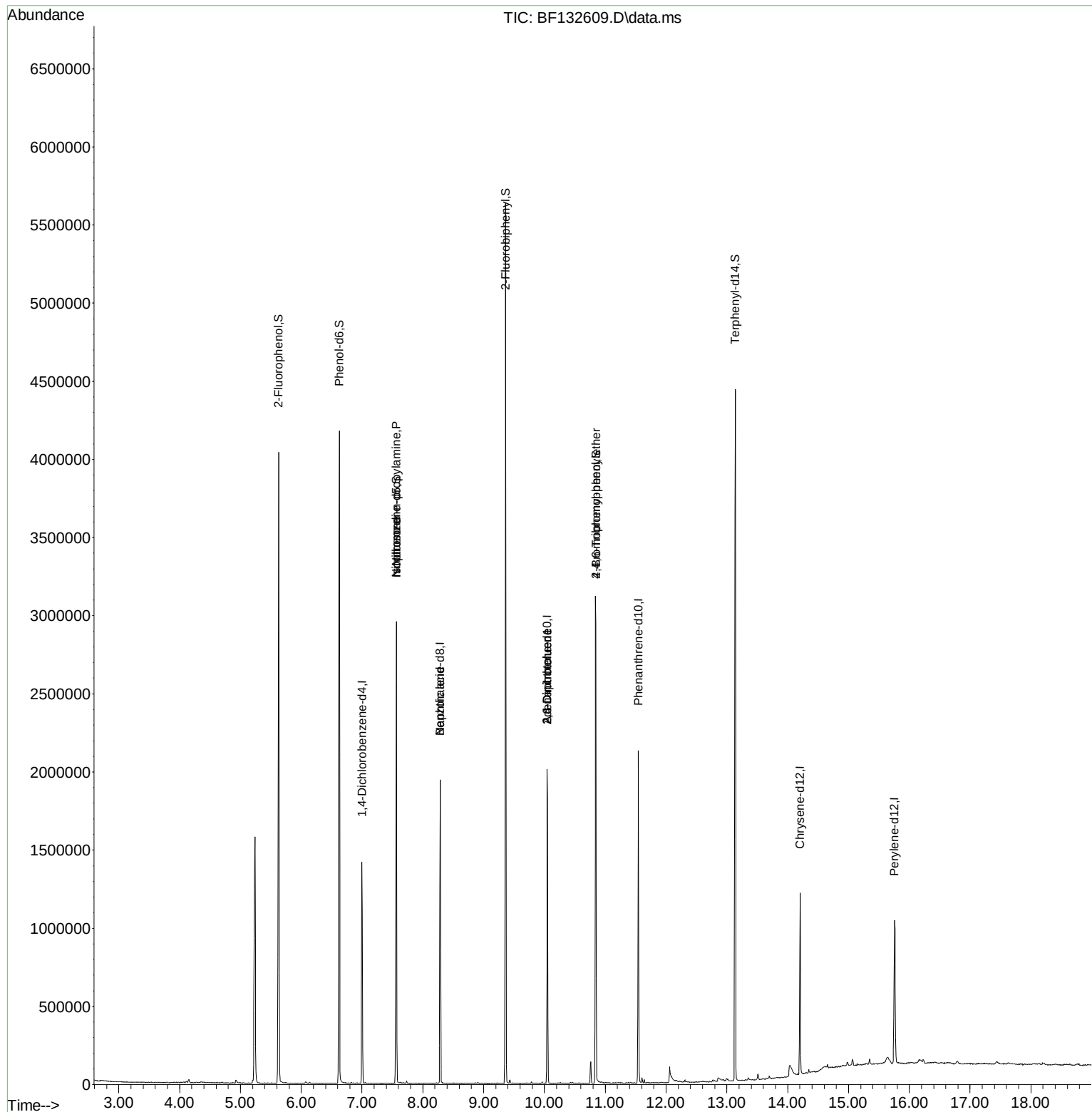
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	203760	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	764829	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	413619	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	758063	20.000	ng	0.00
76) Chrysene-d12	14.204	240	367079	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	459889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1241889	98.918	ng	0.00
7) Phenol-d6	6.628	99	1575838	96.175	ng	0.00
23) Nitrobenzene-d5	7.563	82	1029927	63.889	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	405027	90.673	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1657436	61.015	ng	0.00
79) Terphenyl-d14	13.139	244	1565721	72.116	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	135149	13.402	ng	# 76
25) Isophorone	7.563	82	1029914	33.323	ng	# 67
32) Benzoic acid	8.286	122	245	3.860	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	54761	7.984	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	54761	6.001	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	25796	3.008	ng	# 1

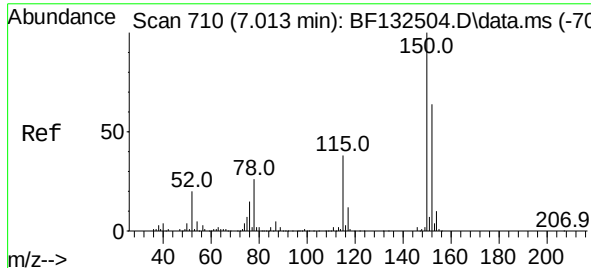
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
Data File : BF132609.D
Acq On : 02 Mar 2023 16:00
Operator : CG\JU
Sample : 01749-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-4

Quant Time: Mar 02 16:48:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

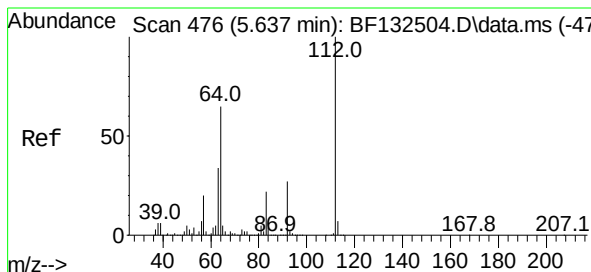
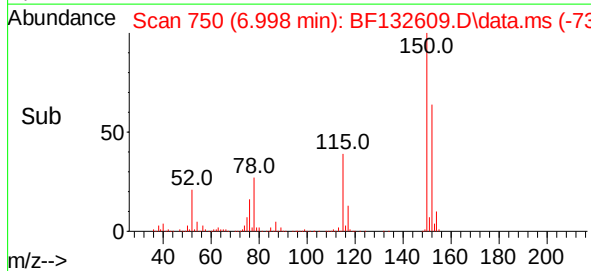
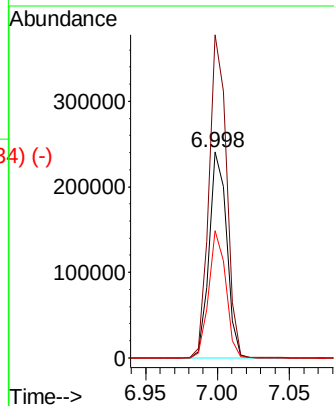
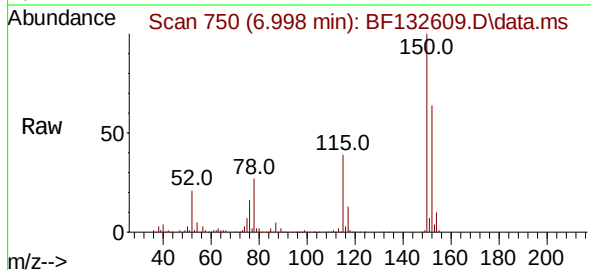




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan#
 Delta R.T. -0.009 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

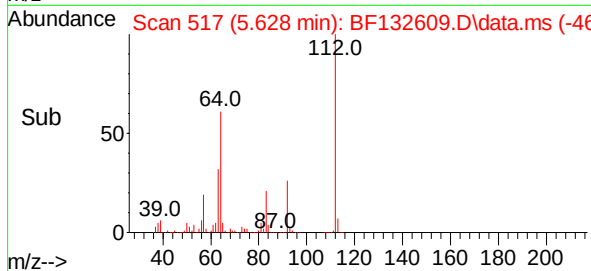
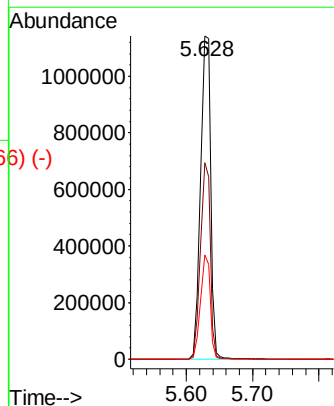
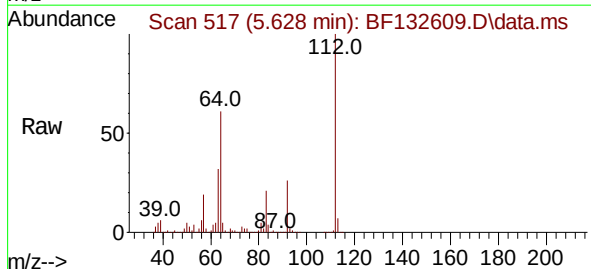
Instrument :
 BNA_F
 ClientSampleId :
 CF-4

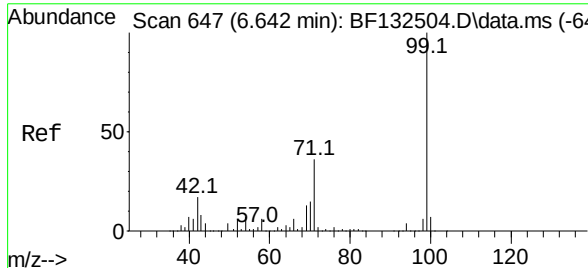
Tgt Ion:152 Resp: 203760
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.4 188.2
 115 61.8 47.8 71.6



2-Fluorophenol
 Concen: 98.918 ng
 RT: 5.628 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

Tgt Ion:112 Resp: 1241889
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.6 77.4
 63 32.2 27.4 41.2



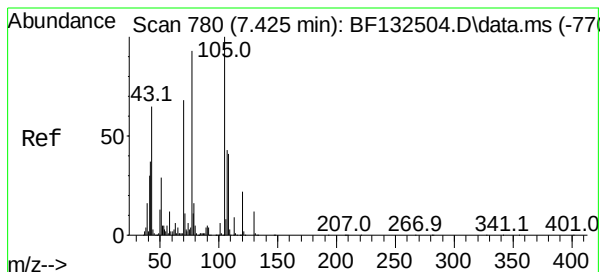
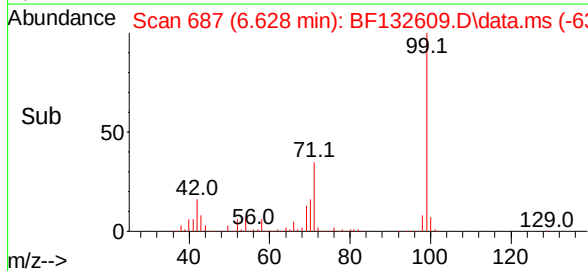
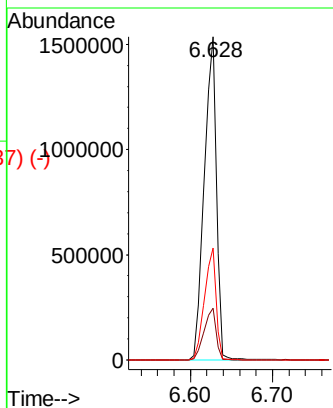
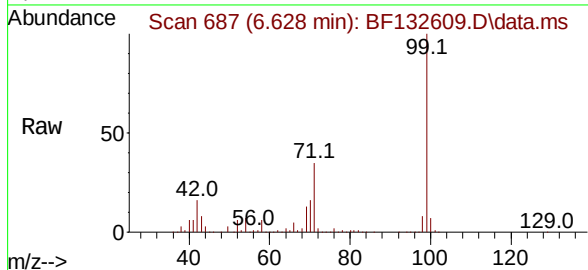


Phenol-d6
 Concen: 96.175 ng
 RT: 6.628 min Scan# 647
 Delta R.T. -0.009 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

Instrument :
 BNA_F
 ClientSampleId :
 CF-4

Tgt Ion: 99 Resp: 1575838

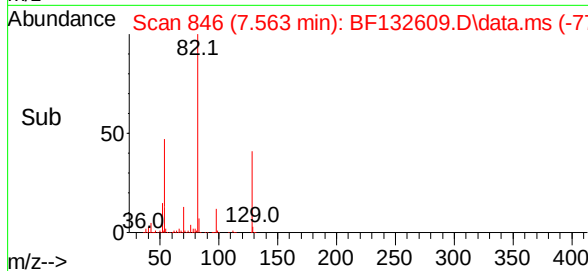
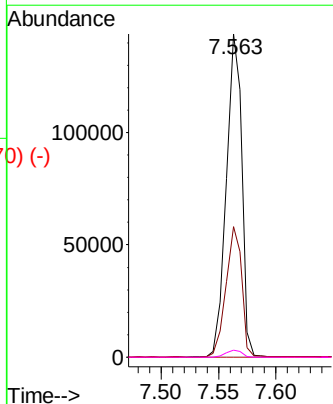
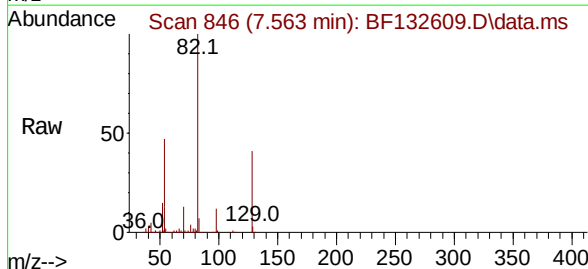
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.9	20.9
71	34.7	28.5	42.7



n-Nitroso-di-n-propylamine
 Concen: 13.402 ng
 RT: 7.563 min Scan# 846
 Delta R.T. 0.144 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

Tgt Ion: 70 Resp: 135149

Ion	Ratio	Lower	Upper
70	100		
42	40.5	44.1	66.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



Abundance Scan 929 (8.301 min): BF132504.D\data.ms (-922) #21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.286 min Scan# 929

Delta R.T. -0.003 min

Lab File: BF132609.D

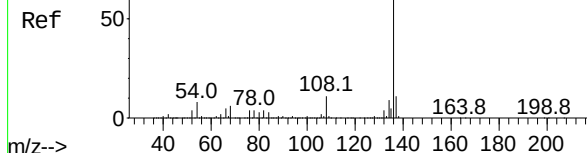
Acq: 02 Mar 2023 16:00

Instrument :

BNA_F

ClientSampleId :

CF-4



Tgt Ion:136 Resp: 764829

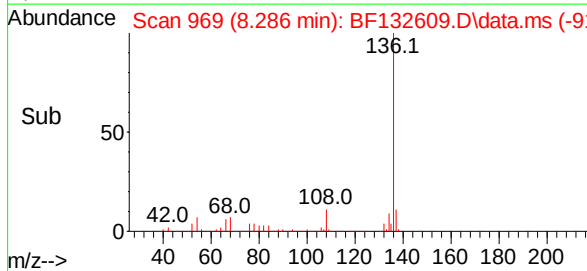
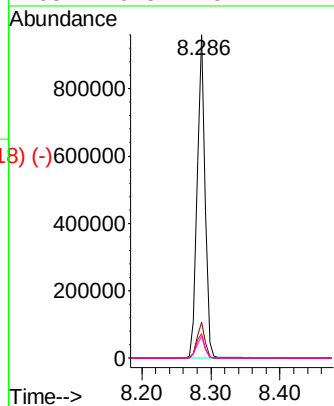
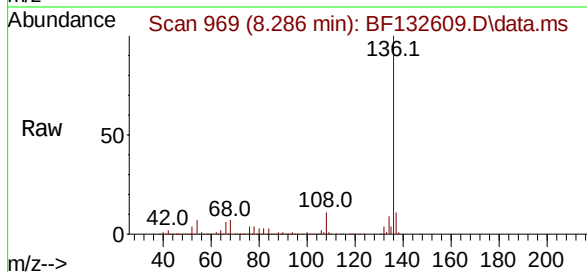
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.2 9.4

68 6.8 5.2 7.8



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

Nitrobenzene-d5

Concen: 63.889 ng

RT: 7.563 min Scan# 846

Delta R.T. -0.009 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

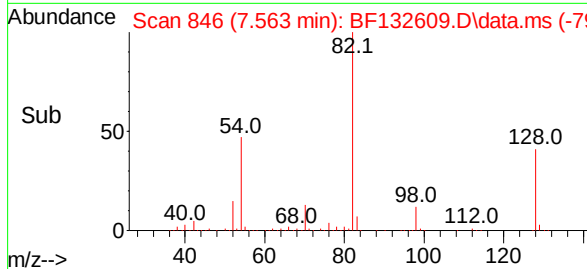
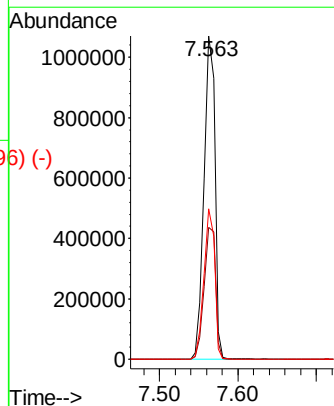
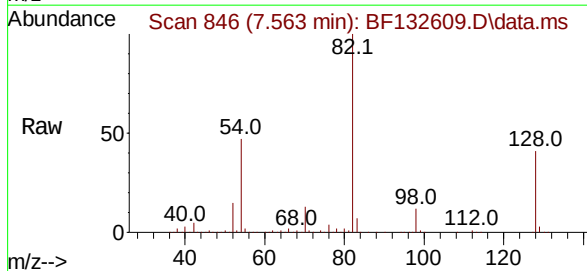
Tgt Ion: 82 Resp: 1029927

Ion Ratio Lower Upper

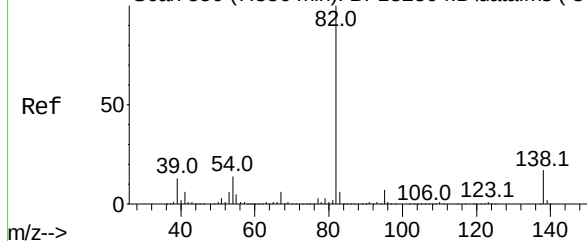
82 100

128 40.8 32.2 48.2

54 46.6 38.4 57.6



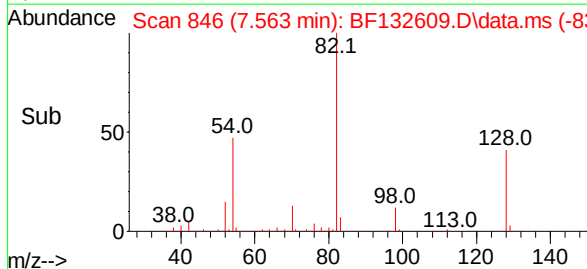
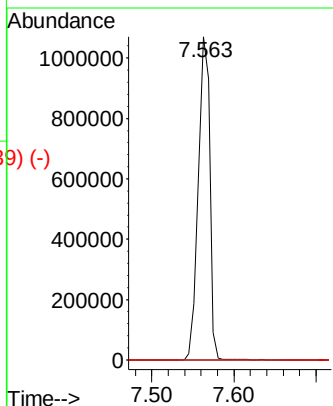
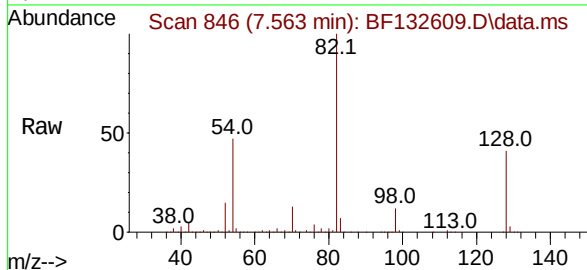
Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



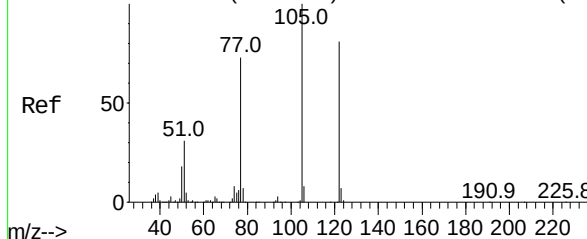
Isophorone
Concen: 33.323 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.262 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Instrument :
BNA_F
ClientSampleId :
CF-4

Tgt Ion: 82 Resp: 1029914
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#

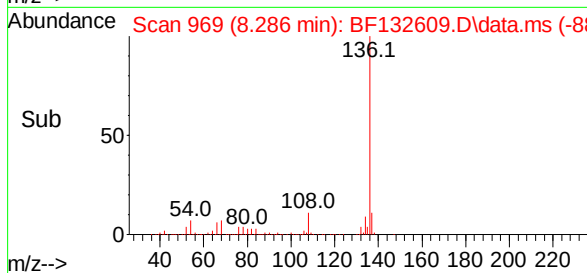
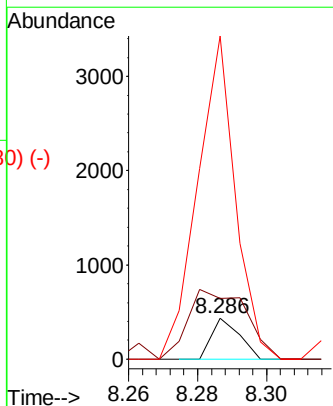
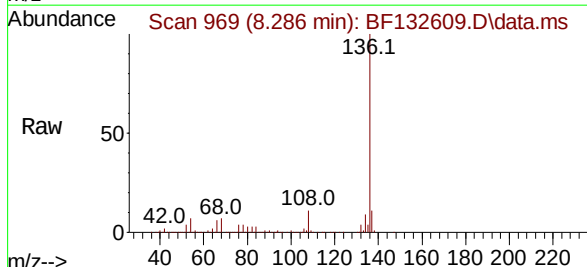


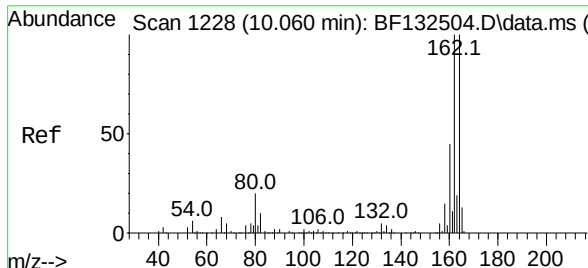
Abundance Scan 891 (8.078 min): BF132504.D\data.ms (-875) #32



Benzoic acid
Concen: 3.860 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:122 Resp: 245
Ion Ratio Lower Upper
122 100
105 147.9 102.6 142.6#
77 786.2 70.2 110.2#

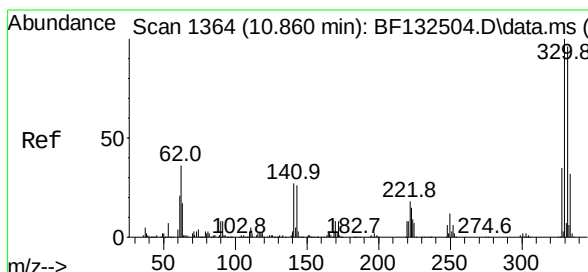
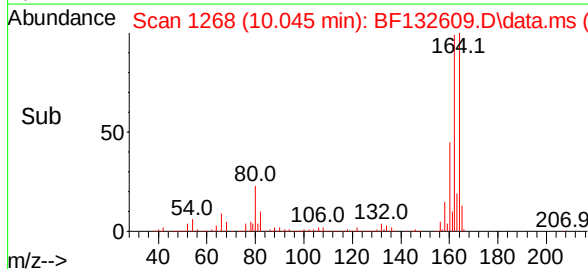
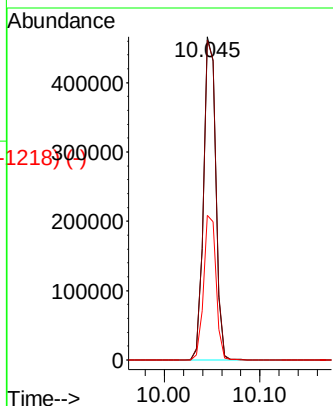
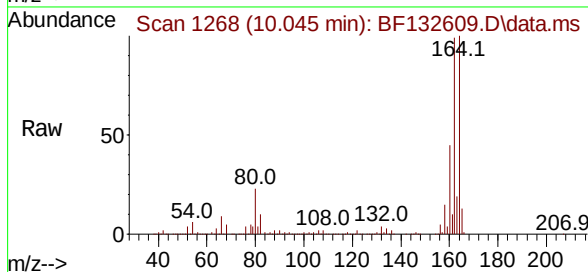




Scan 1228 (10.060 min): BF132504.D\data.ms (-1228) (-)
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.045 min Scan# 1228
 Delta R.T. -0.009 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

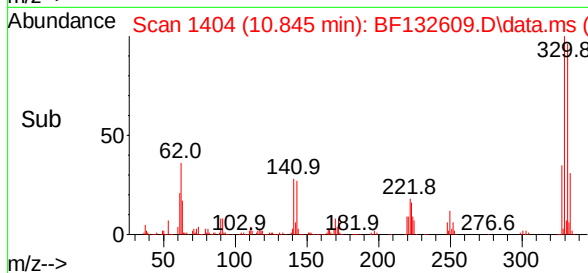
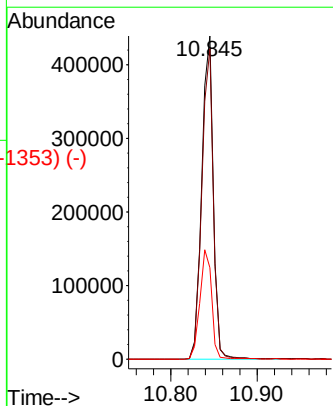
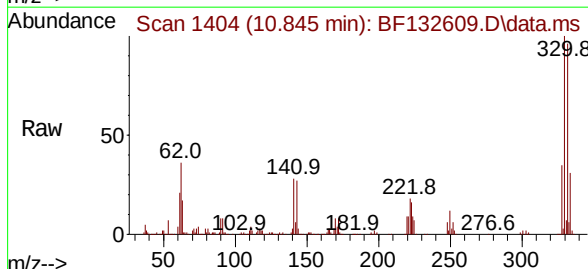
Instrument :
 BNA_F
 ClientSampleId :
 CF-4

Tgt Ion:	164	Resp:	413619
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.8
160	44.7	35.8	53.6

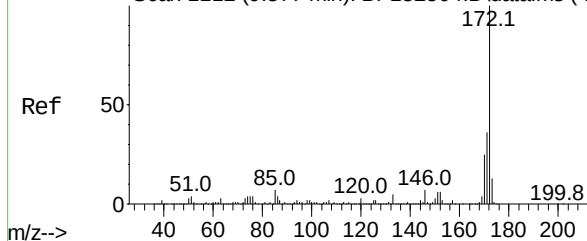


Scan 1364 (10.860 min): BF132504.D\data.ms (-1364) (-)
 2,4,6-Tribromophenol
 Concen: 90.673 ng
 RT: 10.845 min Scan# 1404
 Delta R.T. -0.003 min
 Lab File: BF132609.D
 Acq: 02 Mar 2023 16:00

Tgt Ion:	330	Resp:	405027
Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	34.4	28.4	42.6



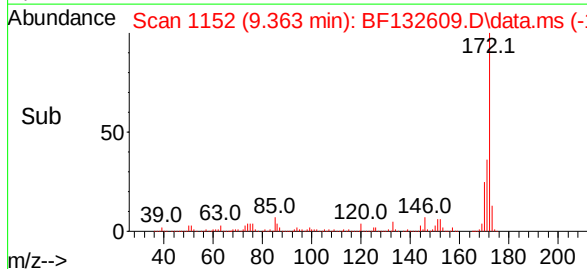
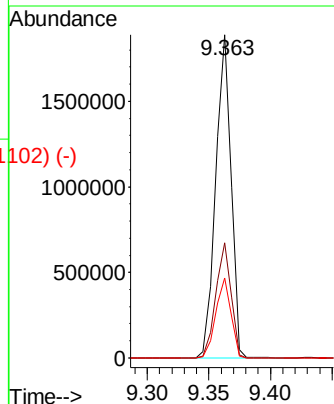
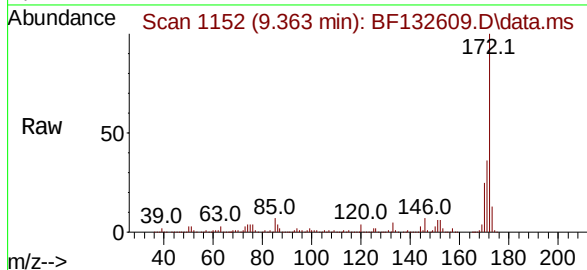
Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-11024)



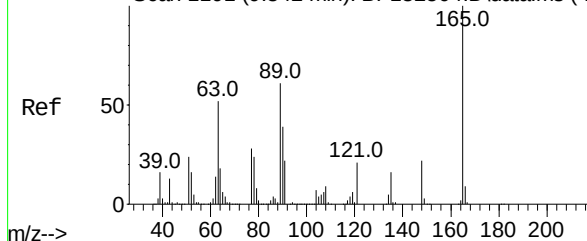
2-Fluorobiphenyl
Concen: 61.015 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Instrument :
BNA_F
ClientSampleId :
CF-4

Tgt Ion:	172	Resp:	1657436
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	24.8	19.7	29.5

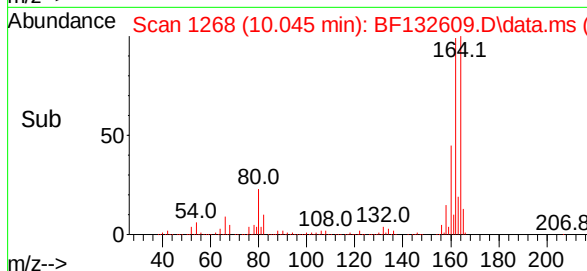
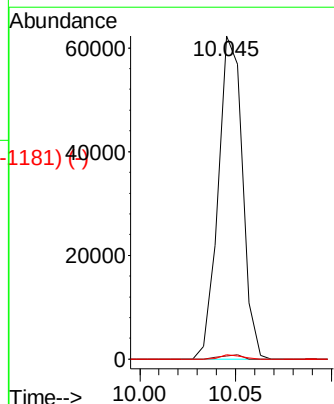
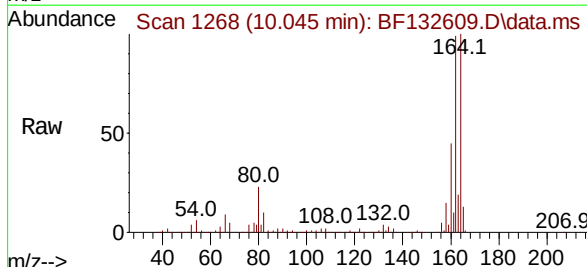


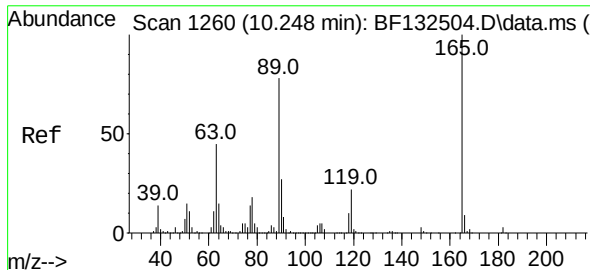
Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-11051)



2,6-Dinitrotoluene
Concen: 7.984 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:	165	Resp:	54761
Ion	Ratio	Lower	Upper
165	100		
63	1.0	47.3	70.9#
89	1.3	48.9	73.3#

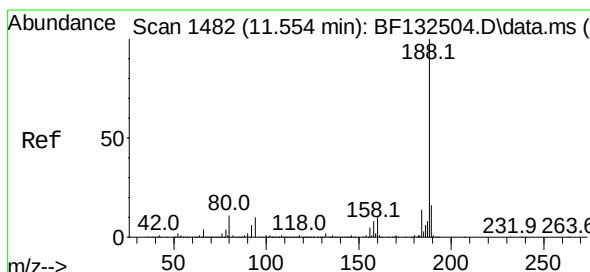
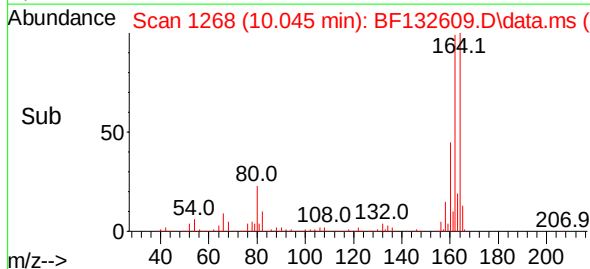
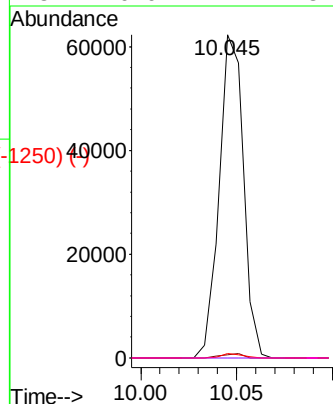
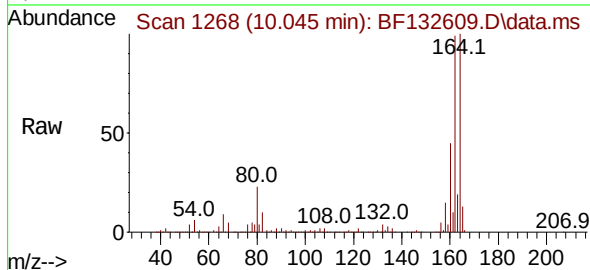




2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 10.045 min Scan# 1257
Delta R.T. -0.197 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

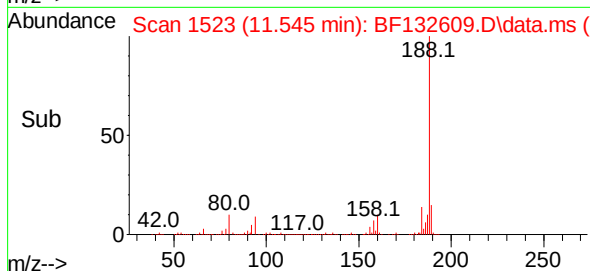
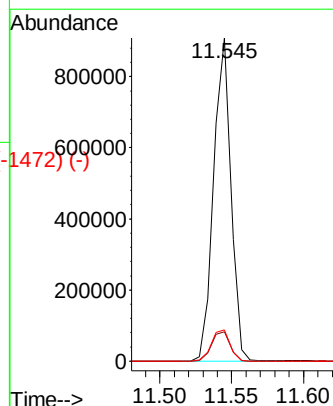
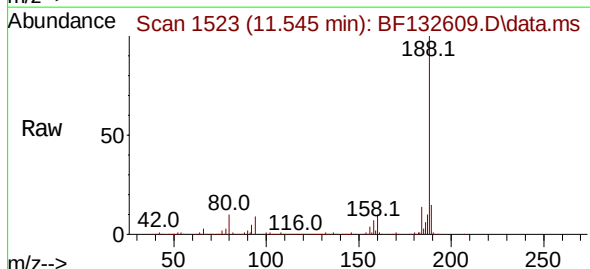
Instrument :
BNA_F
ClientSampleId :
CF-4

Tgt Ion:	165	Resp:	54761
Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.5	54.7#
89	1.3	62.4	93.6#
182	0.0	2.1	3.1#



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132609.D
Acq: 02 Mar 2023 16:00

Tgt Ion:	188	Resp:	758063
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.3	12.5
80	9.6	8.7	13.1



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

4-Bromophenyl-phenylether

Concen: 3.008 ng

RT: 10.845 min Scan#

Delta R.T. -0.244 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

Instrument :

BNA_F

ClientSampleId :

CF-4

Tgt Ion:248 Resp: 25796

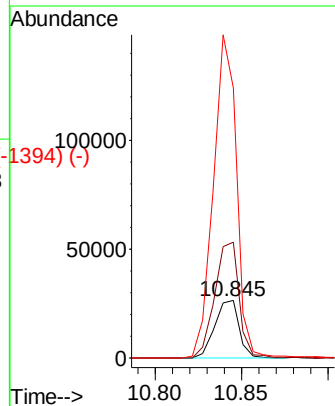
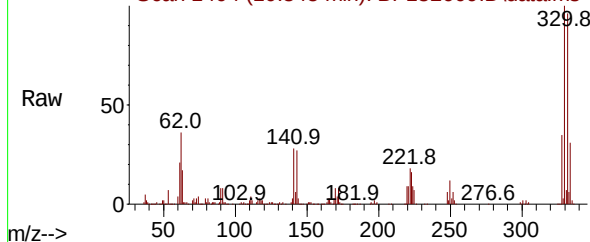
Ion Ratio Lower Upper

248 100

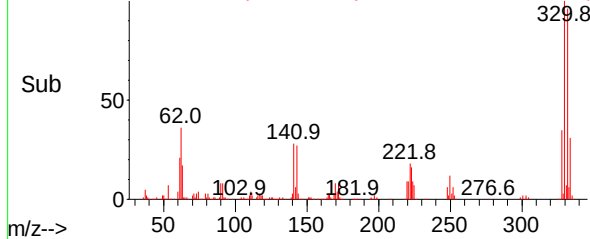
250 202.0 77.0 115.4#

141 471.0 54.2 81.2#

Abundance Scan 1404 (10.845 min): BF132609.D\data.ms



Abundance Scan 1404 (10.845 min): BF132609.D\data.ms (-1394) (-)



Abundance Scan 1935 (14.218 min): BF132504.D\data.ms (-1976) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.204 min Scan# 1975

Delta R.T. -0.003 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

Tgt Ion:240 Resp: 367079

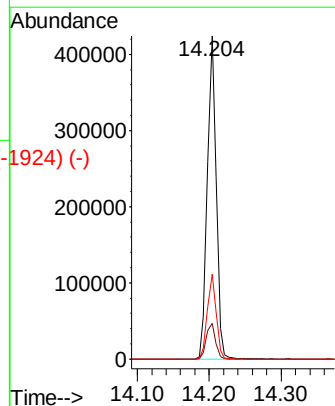
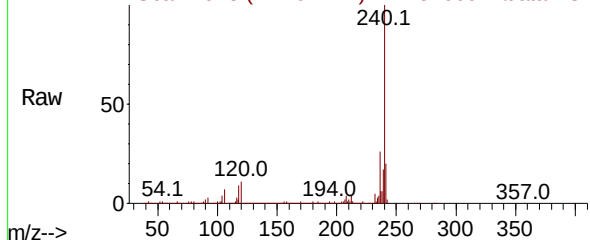
Ion Ratio Lower Upper

240 100

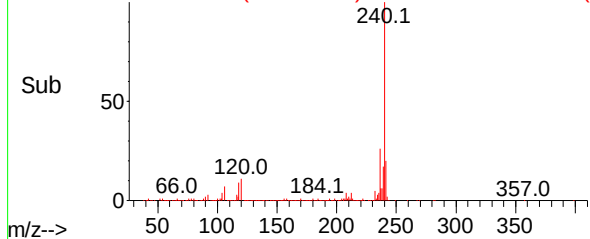
120 11.0 7.2 10.8#

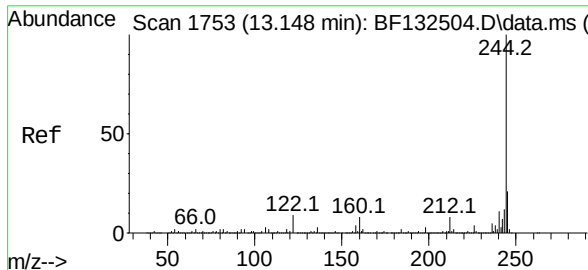
236 26.4 21.8 32.6

Abundance Scan 1975 (14.204 min): BF132609.D\data.ms



Abundance Scan 1975 (14.204 min): BF132609.D\data.ms (-1924) (-)





Terphenyl-d14

Concen: 72.116 ng

RT: 13.139 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

Instrument :

BNA_F

ClientSampleId :

CF-4

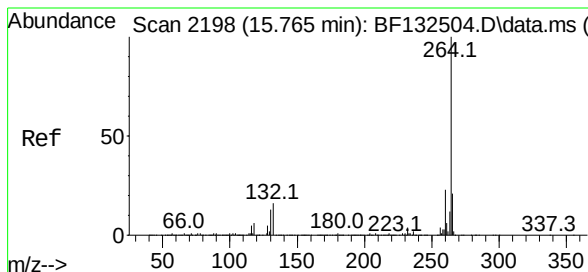
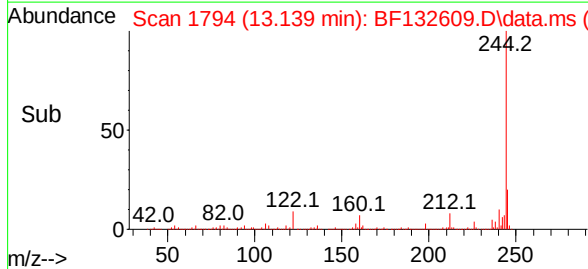
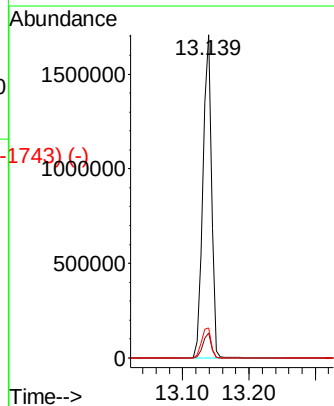
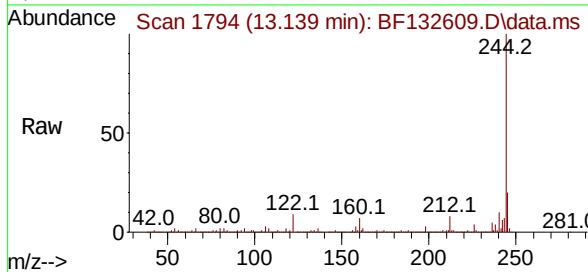
Tgt Ion:244 Resp: 1565721

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 9.2 7.5 11.3



Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132609.D

Acq: 02 Mar 2023 16:00

Tgt Ion:264 Resp: 459889

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.6 17.1 25.7

