

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132615.D
 Acq On : 02 Mar 2023 19:14
 Operator : CG\JU
 Sample : 01749-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-9

Quant Time: Mar 03 00:38:13 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)

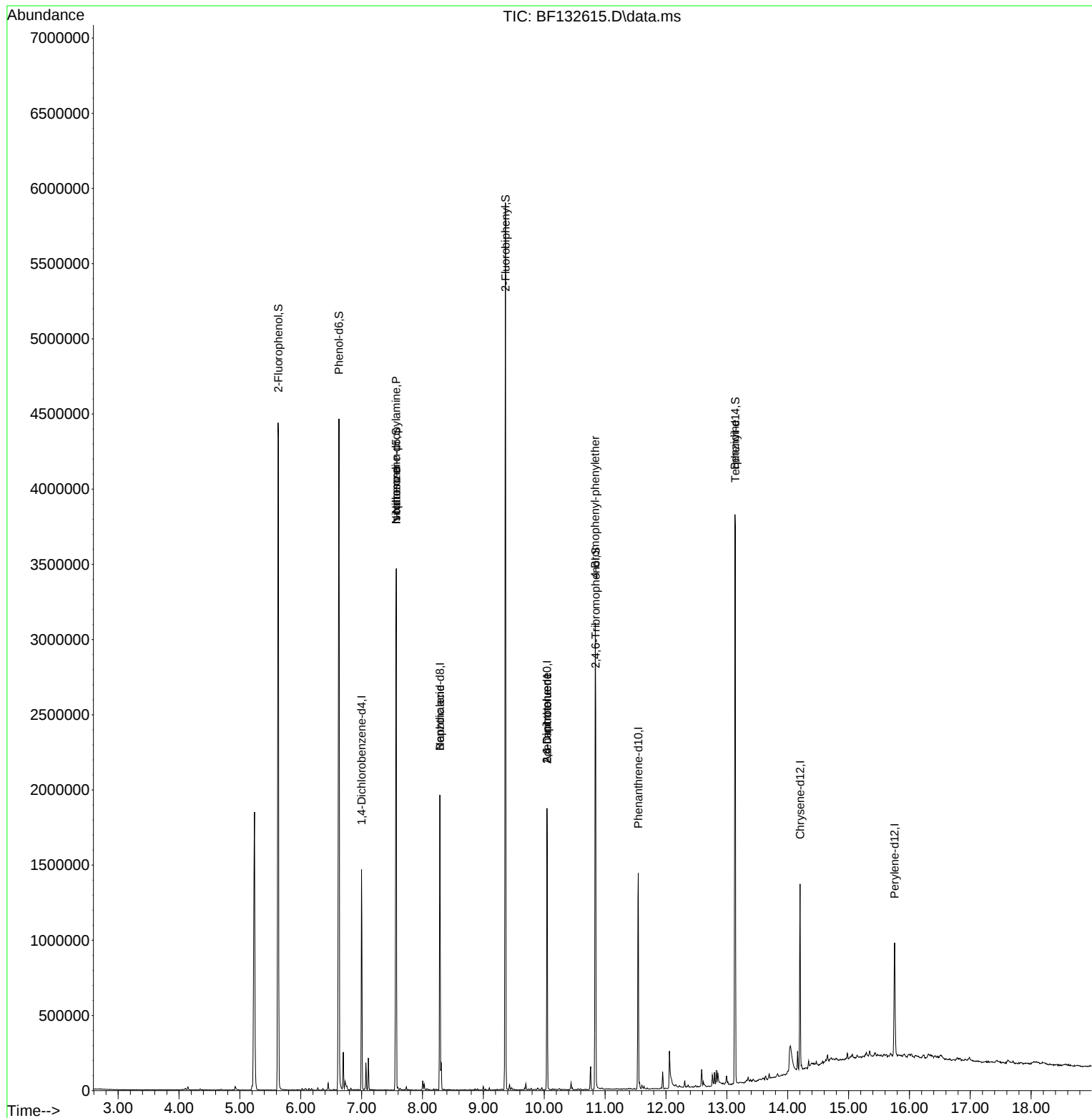
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	209783	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	764583	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	366887	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	554374	20.000	ng	0.00
76) Chrysene-d12	14.204	240	391917	20.000	ng	0.00
86) Perylene-d12	15.756	264	349866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1429806	110.616	ng	0.00
7) Phenol-d6	6.628	99	1882324	111.582	ng	0.00
23) Nitrobenzene-d5	7.569	82	1206615	74.874	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	379835	95.864	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1817638	75.436	ng	0.00
79) Terphenyl-d14	13.139	244	1491056	64.325	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	158832	15.299	ng	# 75
25) Isophorone	7.569	82	1206601	39.053	ng	# 67
32) Benzoic acid	8.286	122	265	3.862	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	47742	7.847	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	47742	5.899	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	24872	3.966	ng	# 1
77) Benzidine	13.133	184	20585	2.158	ng	# 91

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

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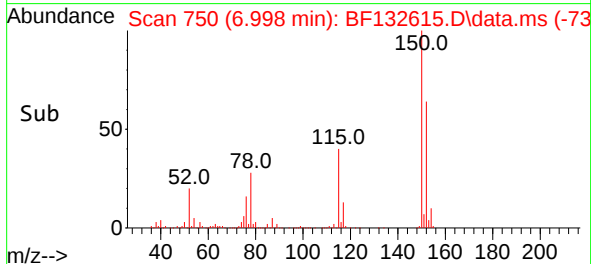
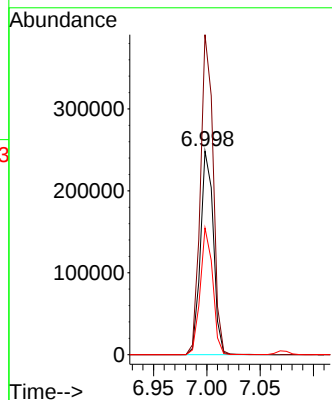
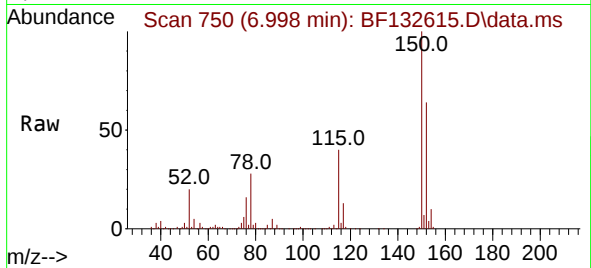




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

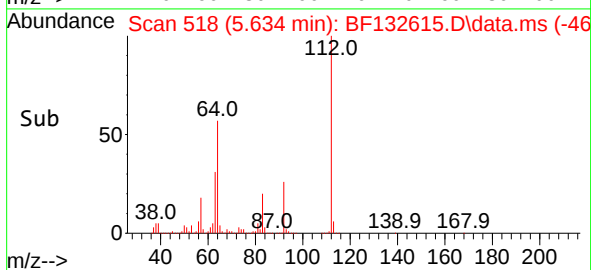
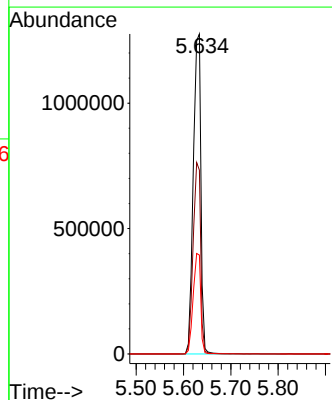
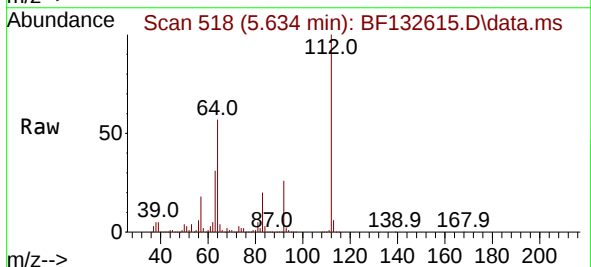
Instrument :
BNA_F
ClientSampleId :
CF-9

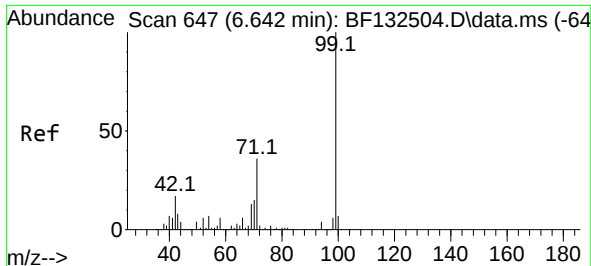
Tgt Ion:152 Resp: 209783
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 62.3 47.8 71.6



#5
2-Fluorophenol
Concen: 110.616 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

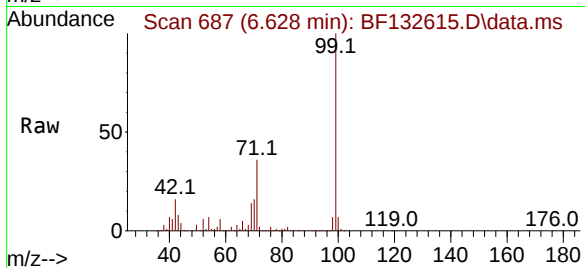
Tgt Ion:112 Resp: 1429806
Ion Ratio Lower Upper
112 100
64 57.5 51.6 77.4
63 30.9 27.4 41.2





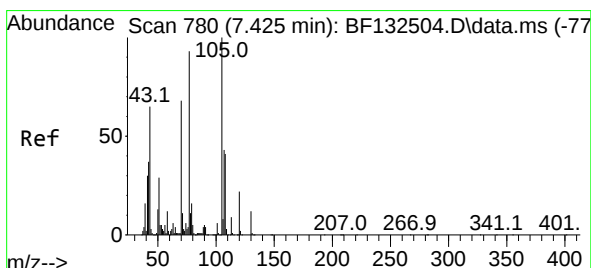
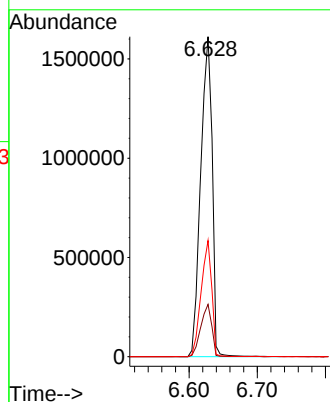
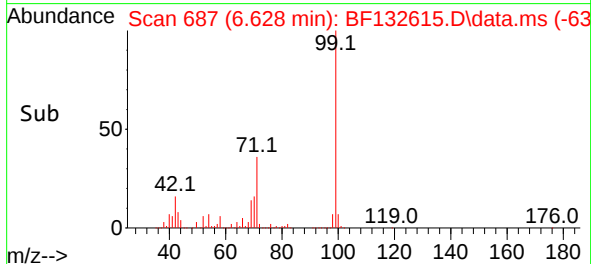
#7
Phenol-d6
Concen: 111.582 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Instrument :
BNA_F
ClientSampleId :
CF-9

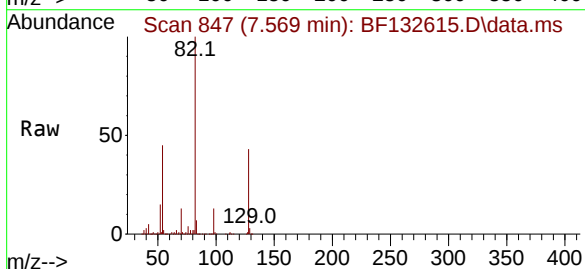


Tgt Ion: 99 Resp: 1882324

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.9	20.9
71	36.3	28.5	42.7

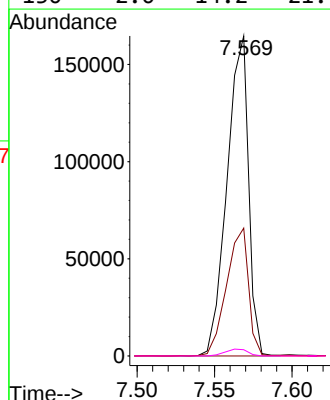
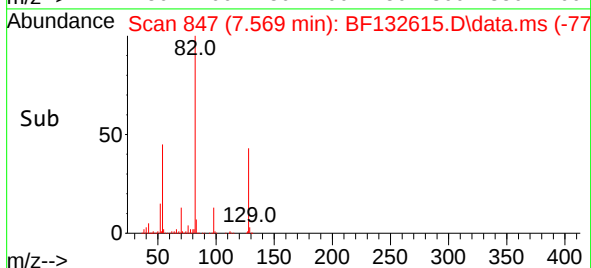


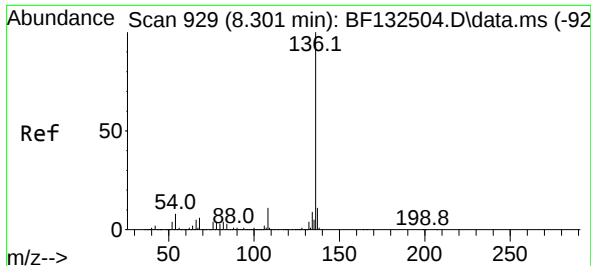
#19
n-Nitroso-di-n-propylamine
Concen: 15.299 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14



Tgt Ion: 70 Resp: 158832

Ion	Ratio	Lower	Upper
70	100		
42	39.9	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



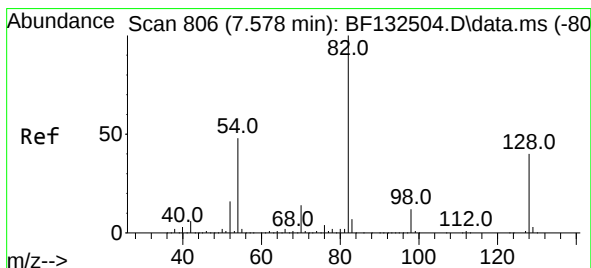
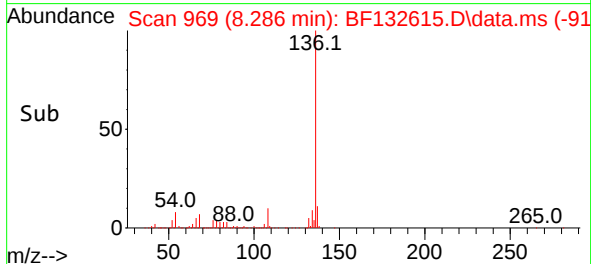
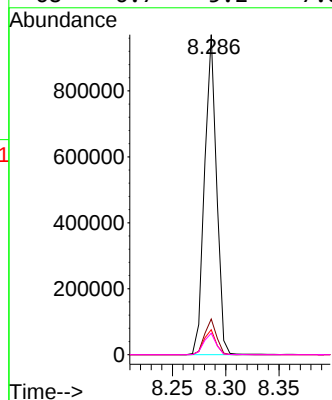
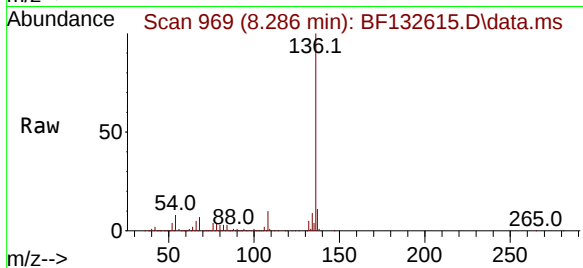


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Instrument :
BNA_F
ClientSampleId :
CF-9

Tgt Ion:136 Resp: 764583

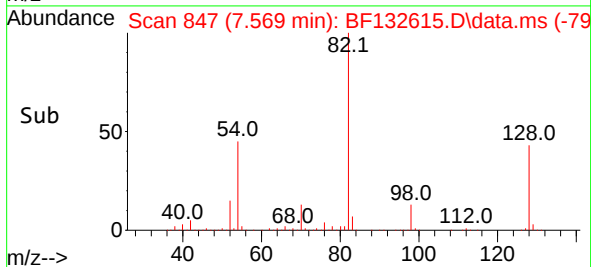
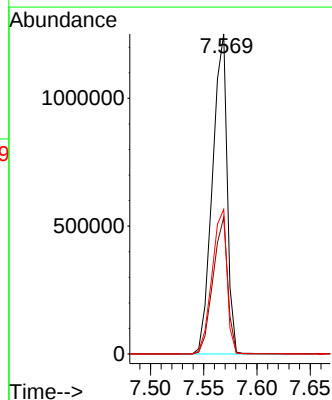
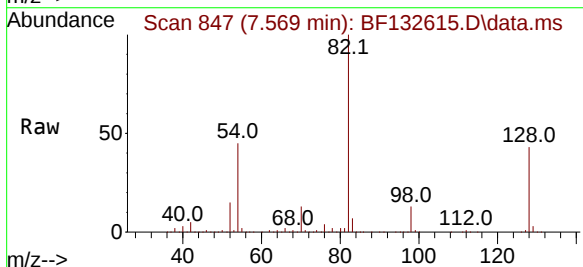
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.2	9.4
68	6.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 74.874 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion: 82 Resp: 1206615

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.2	48.2
54	45.2	38.4	57.6

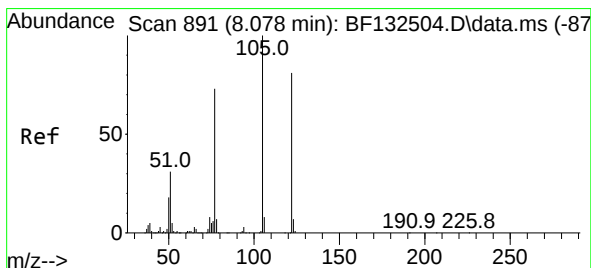
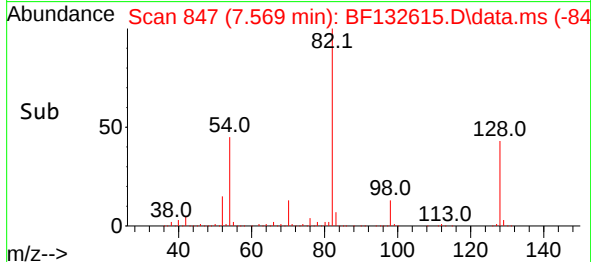
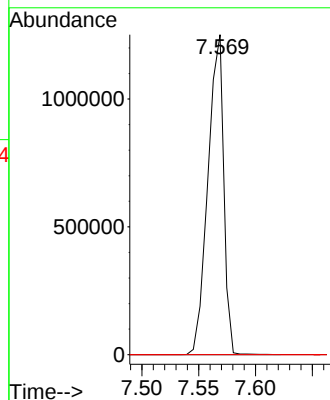
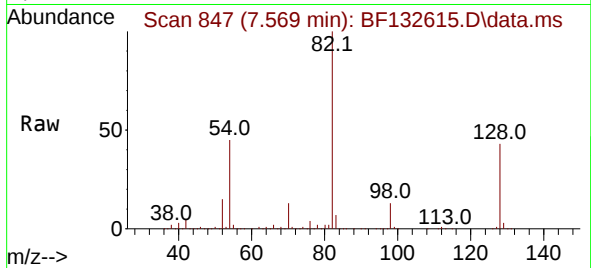




#25
Isophorone
Concen: 39.053 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

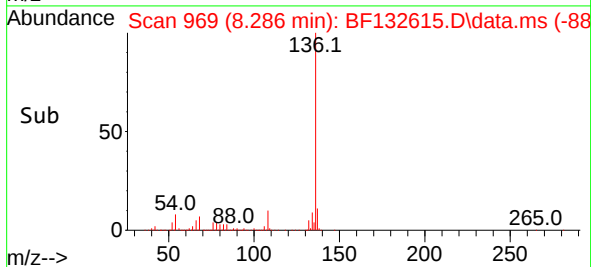
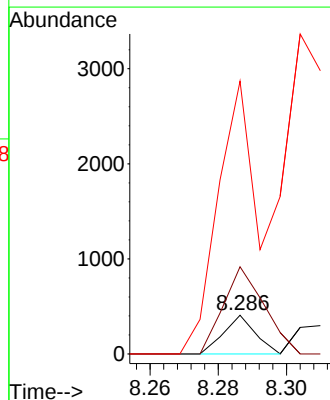
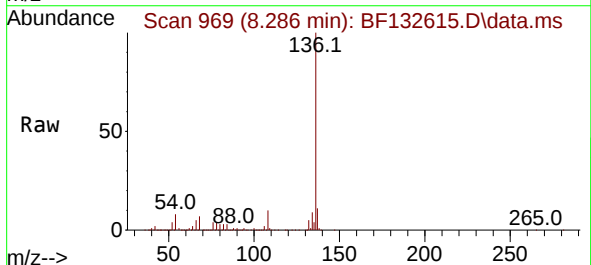
Instrument :
BNA_F
ClientSampleId :
CF-9

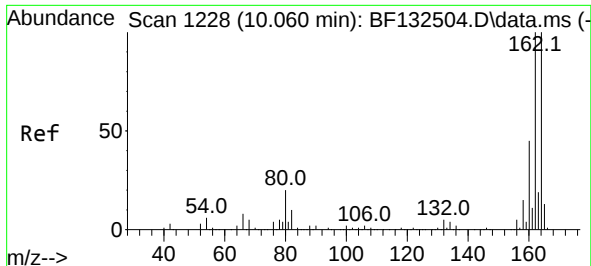
Tgt Ion: 82 Resp: 1206601
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.862 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion:122 Resp: 265
Ion Ratio Lower Upper
122 100
105 225.0 102.6 142.6#
77 703.4 70.2 110.2#

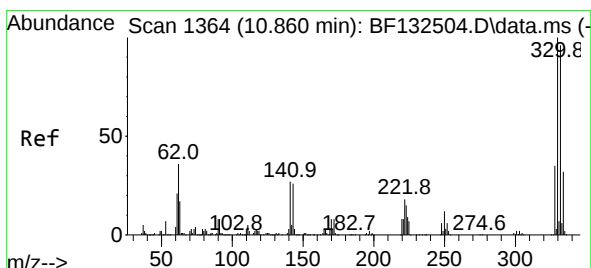
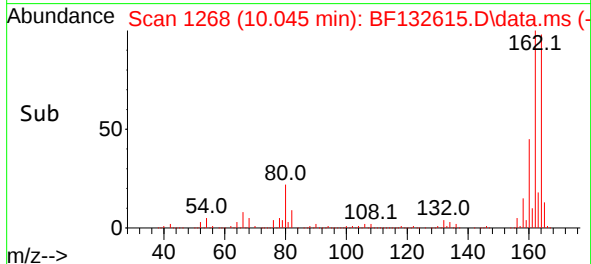
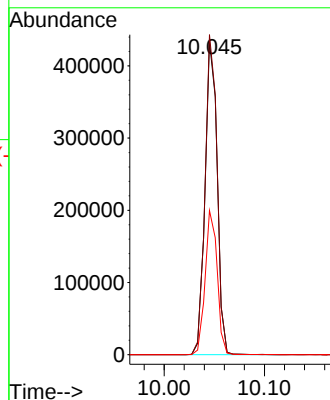
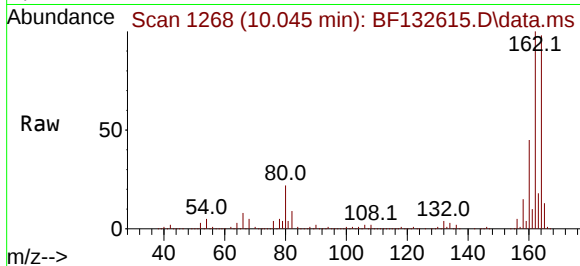




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

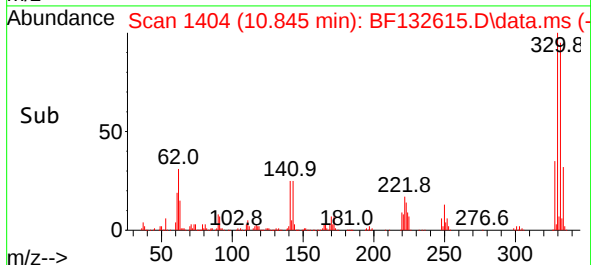
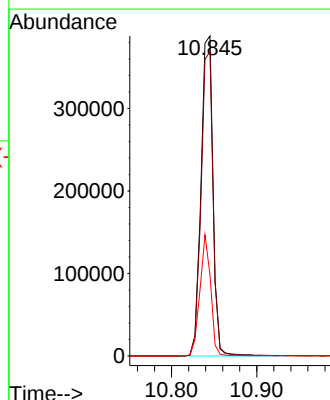
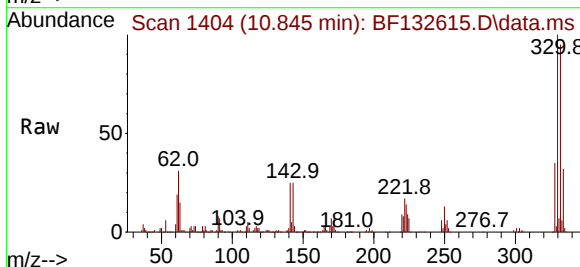
Instrument :
BNA_F
ClientSampleId :
CF-9

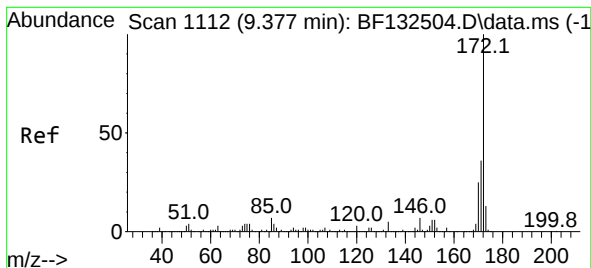
Tgt Ion:164 Resp: 366887
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 95.864 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion:330 Resp: 379835
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 34.3 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 75.436 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

Instrument :

BNA_F

ClientSampleId :

CF-9

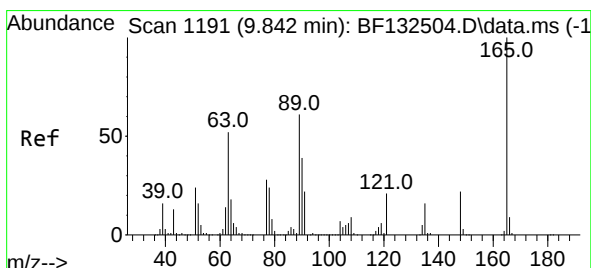
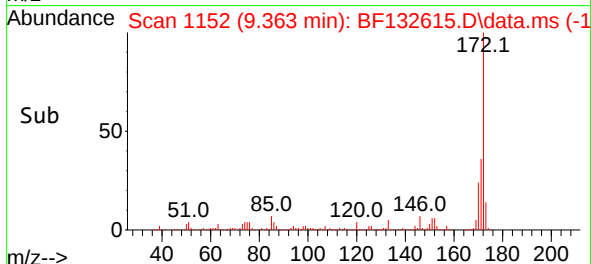
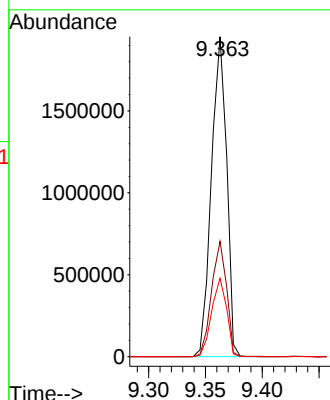
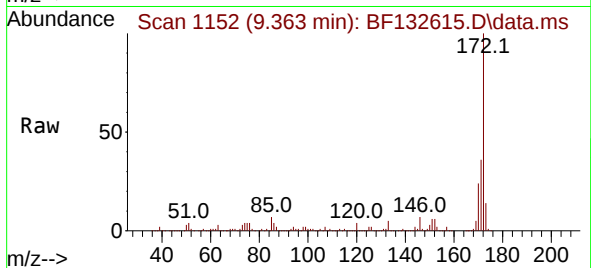
Tgt Ion:172 Resp: 1817638

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.847 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.209 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

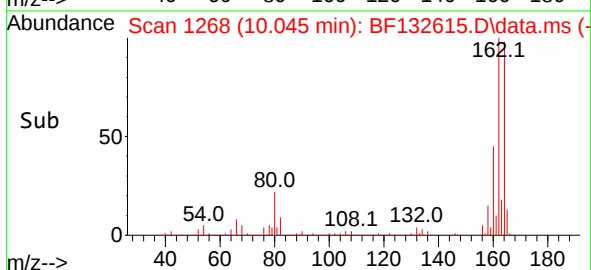
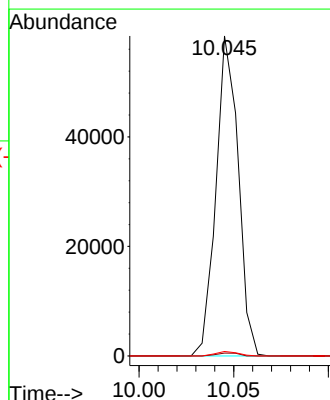
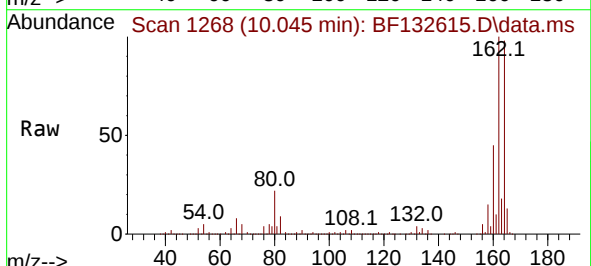
Tgt Ion:165 Resp: 47742

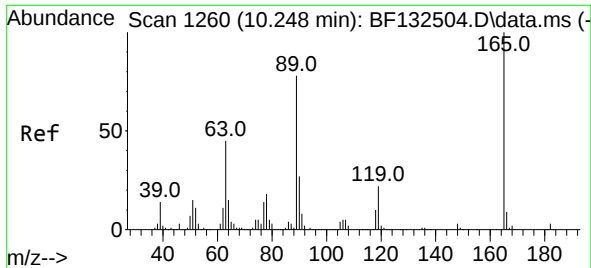
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

89 1.4 48.9 73.3#

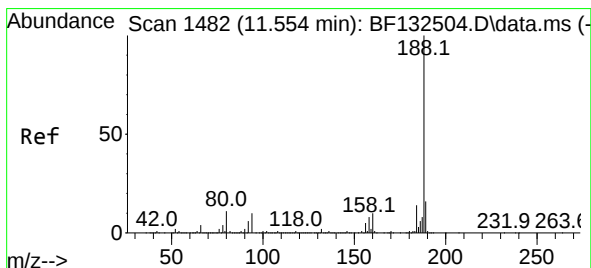
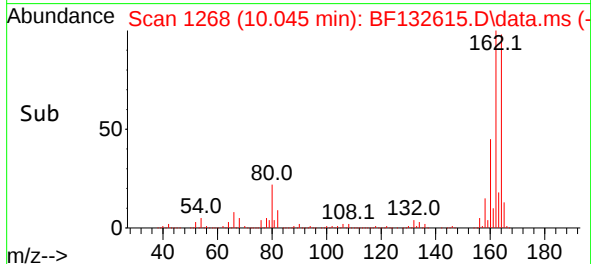
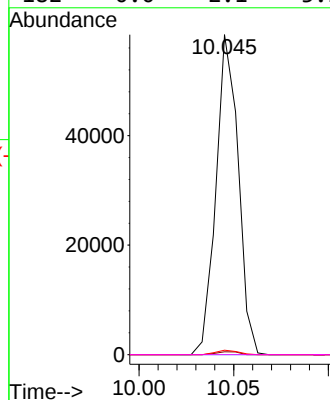
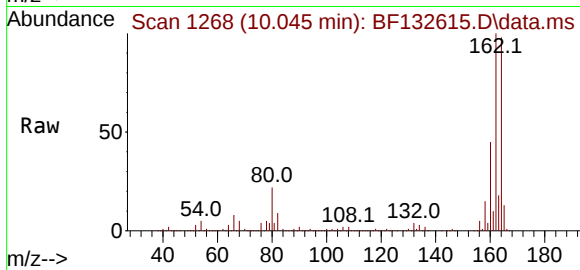




#57
2,4-Dinitrotoluene
Concen: 5.899 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

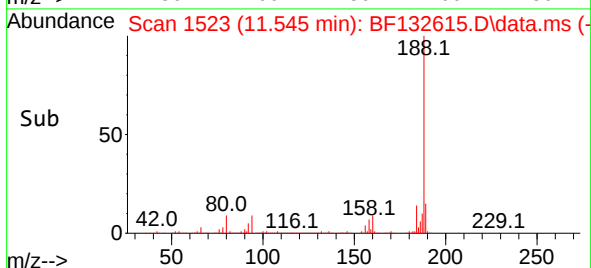
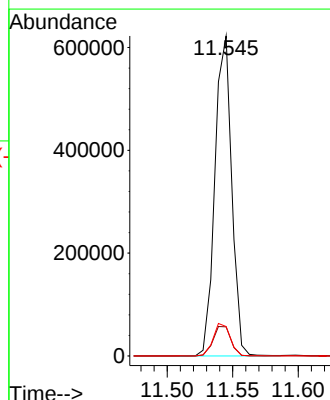
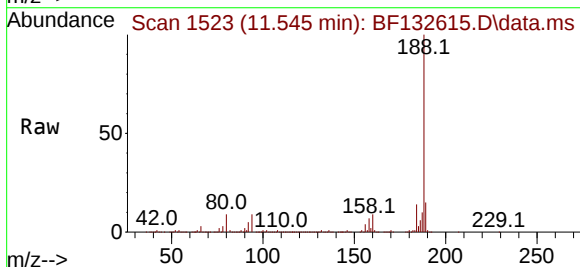
Instrument :
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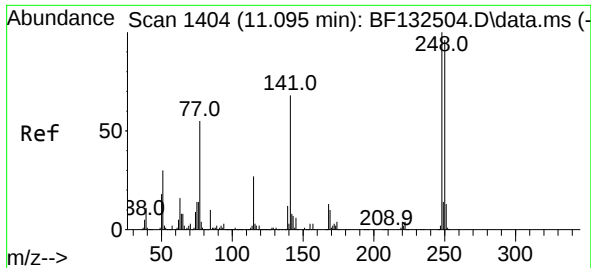
Tgt Ion:165 Resp: 47742
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion:188 Resp: 554374
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.2 8.7 13.1

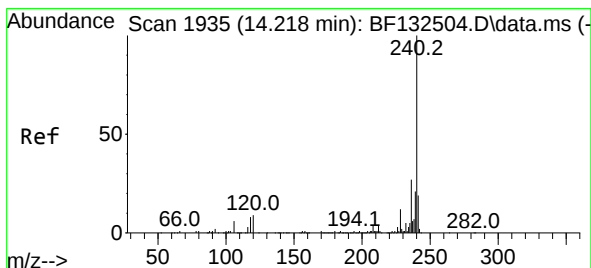
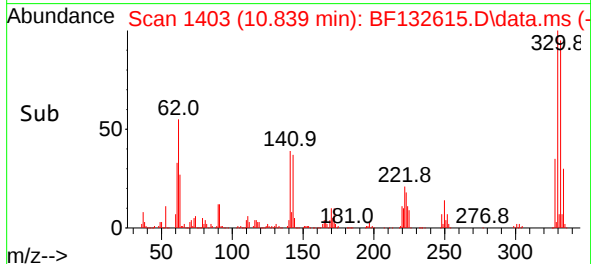
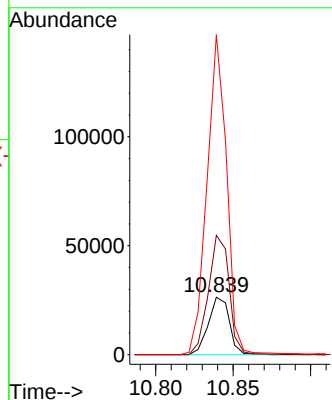
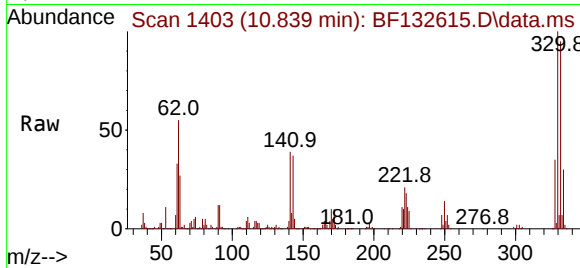




#67
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

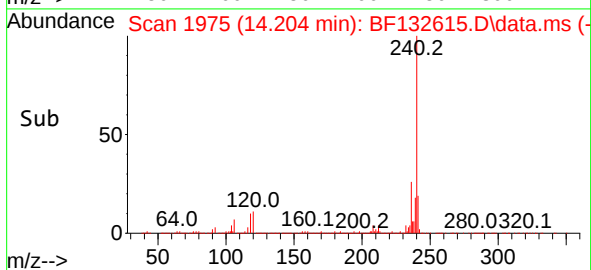
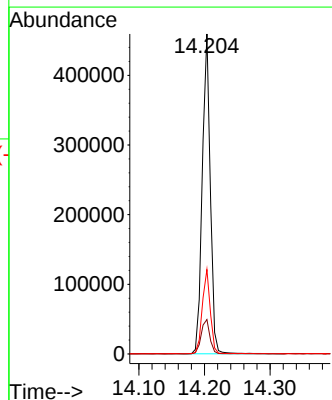
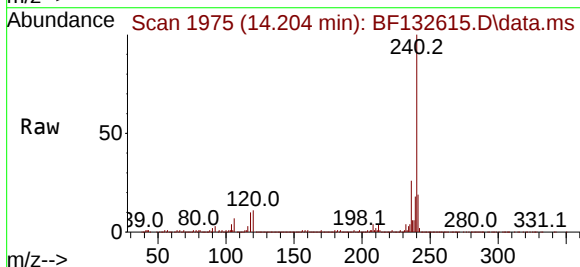
Instrument :
BNA_F
ClientSampleId :
CF-9

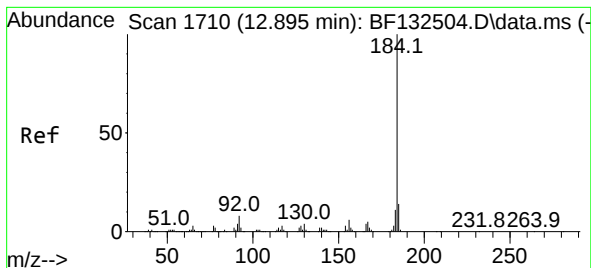
Tgt Ion:248 Resp: 24872
Ion Ratio Lower Upper
248 100
250 207.7 77.0 115.4#
141 557.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion:240 Resp: 391917
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 26.4 21.8 32.6





#77

Benzidine

Concen: 2.158 ng

RT: 13.133 min Scan# 1793

Delta R.T. 0.250 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

Instrument :

BNA_F

ClientSampleId :

CF-9

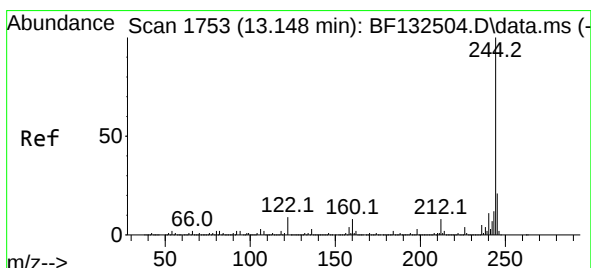
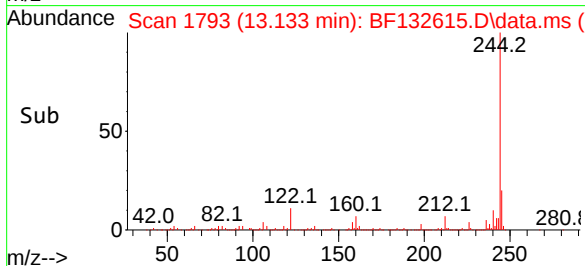
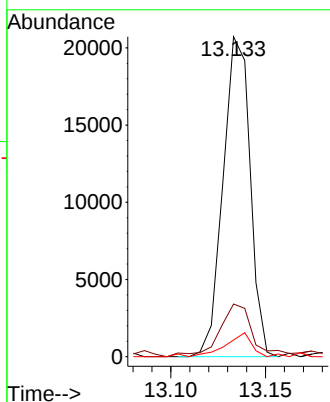
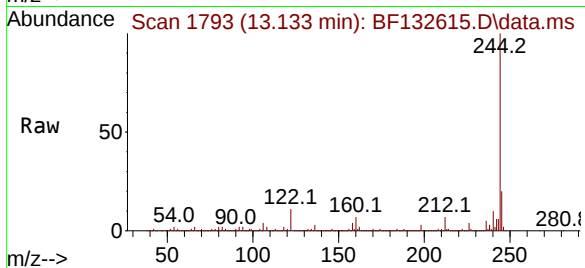
Tgt Ion:184 Resp: 20585

Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

183 5.2 8.7 13.1#



#79

Terphenyl-d14

Concen: 64.325 ng

RT: 13.139 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

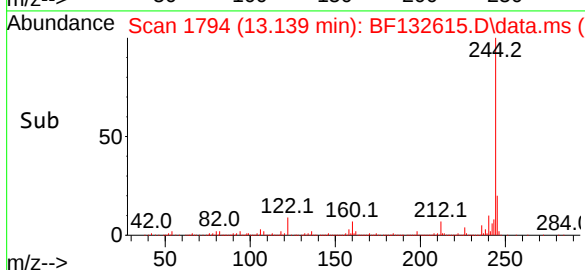
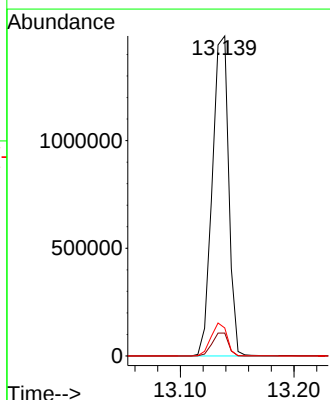
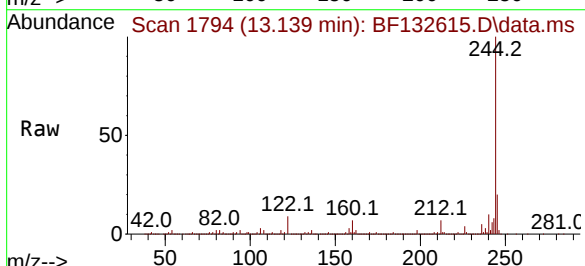
Tgt Ion:244 Resp: 1491056

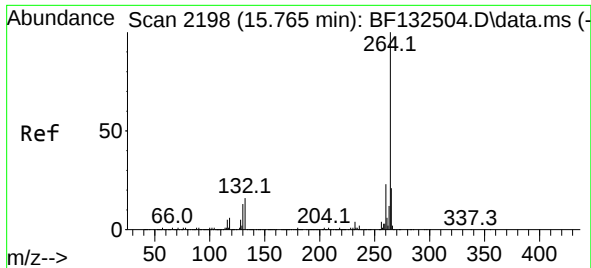
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 8.8 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.756 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BF132615.D
 Acq: 02 Mar 2023 19:14

Instrument :
 BNA_F
 ClientSampleId :
 CF-9

Tgt Ion:264 Resp: 349866
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.1 25.7

