

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132725.D
 Acq On : 09 Mar 2023 19:02
 Operator : CG\JU
 Sample : 01812-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 03:38:54 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)

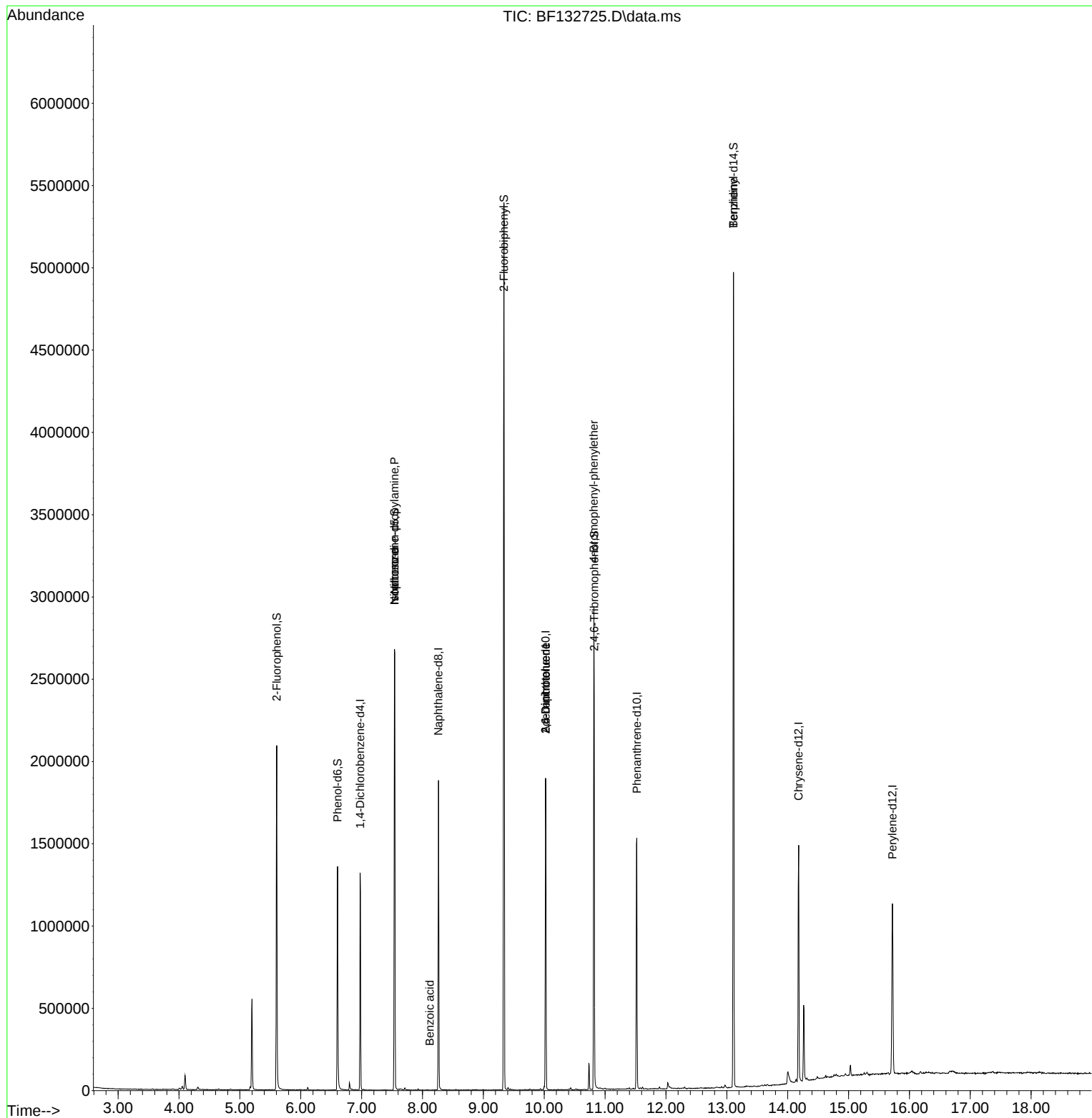
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	195964	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	725284	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	372174	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	610888	20.000	ng	0.00
76) Chrysene-d12	14.180	240	480135	20.000	ng	0.00
86) Perylene-d12	15.721	264	494060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	584020	48.368	ng	0.00
7) Phenol-d6	6.604	99	462077	29.323	ng	-0.02
23) Nitrobenzene-d5	7.539	82	950245	62.160	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	355846	88.534	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1531905	62.674	ng	0.00
79) Terphenyl-d14	13.110	244	1802321	63.467	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.539	70	123968	12.783	ng	# 75
25) Isophorone	7.539	82	948806	32.373	ng	# 67
32) Benzoic acid	8.122	122	55	3.842	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	46589	7.549	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	46589	5.674	ng	# 21
67) 4-Bromophenyl-phenylether	10.816	248	23346	3.379	ng	# 1
77) Benzidine	13.110	184	25438	2.176	ng	# 94

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :

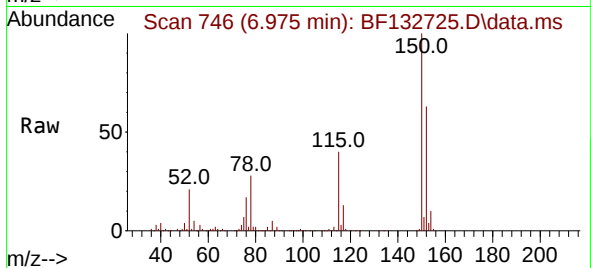
Quant Time: Mar 10 03:38:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
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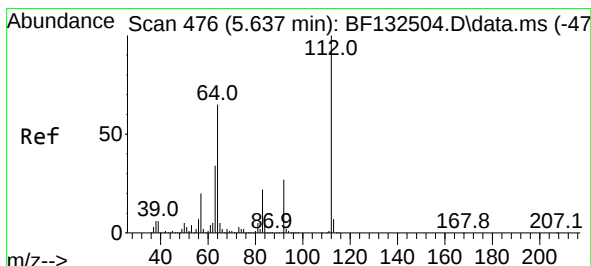
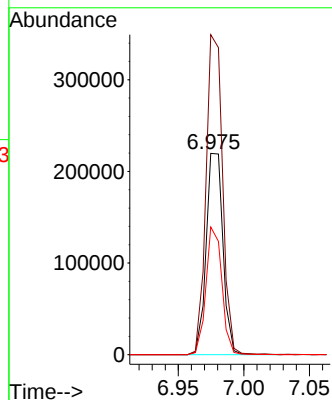
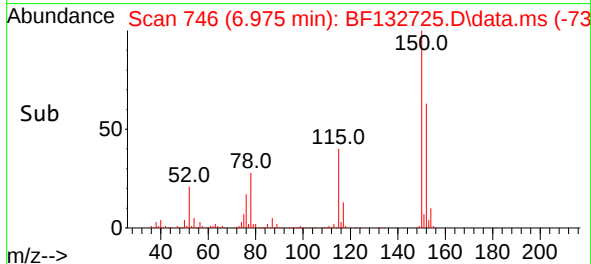


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

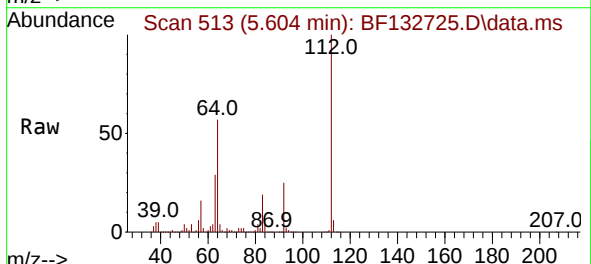
Instrument :
BNA_F
ClientSampleId :



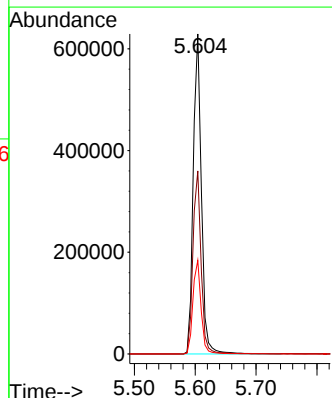
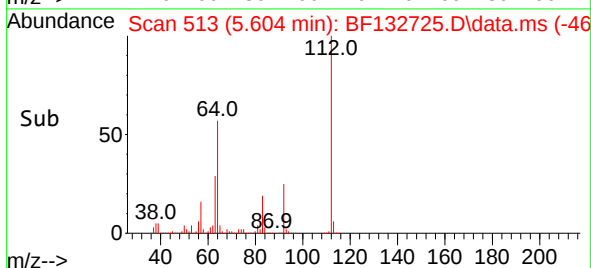
Tgt Ion:152 Resp: 195964
Ion Ratio Lower Upper
152 100
150 159.0 125.4 188.2
115 63.5 47.8 71.6

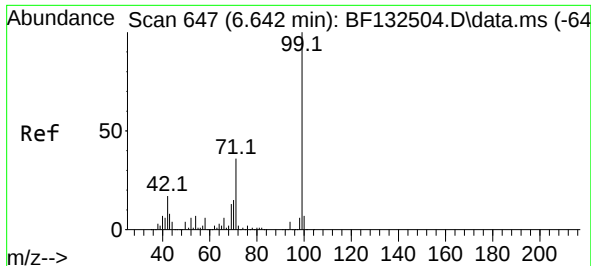


#5
2-Fluorophenol
Concen: 48.368 ng
RT: 5.604 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02



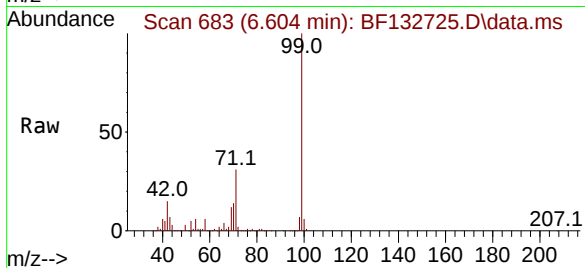
Tgt Ion:112 Resp: 584020
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 29.2 27.4 41.2



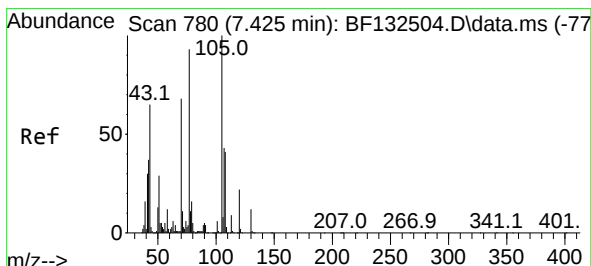
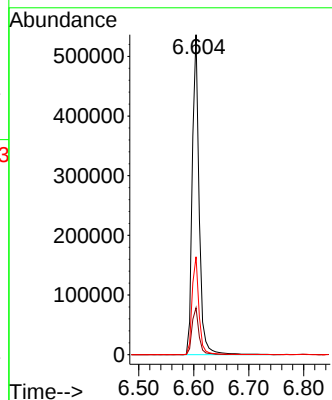
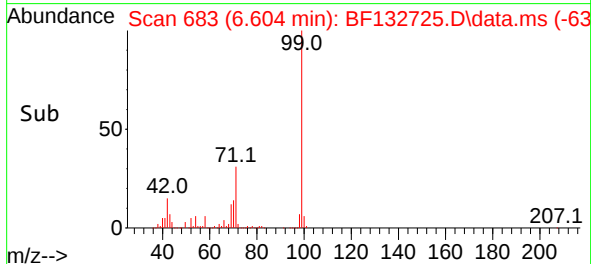


#7
Phenol-d6
Concen: 29.323 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

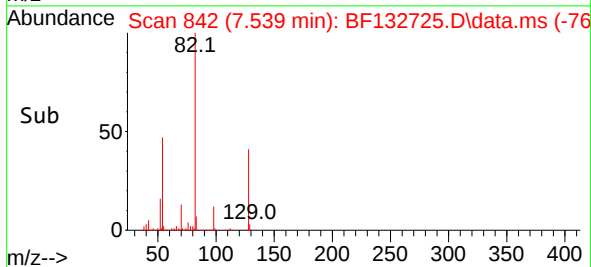
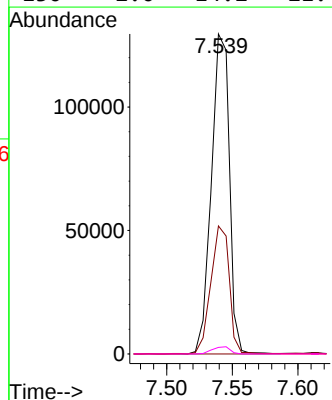
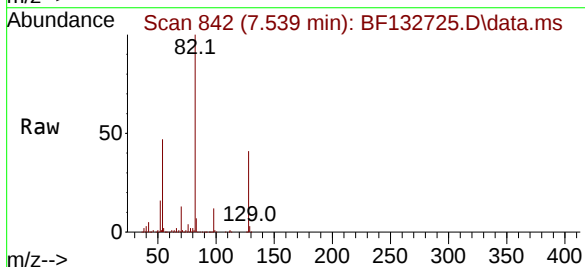


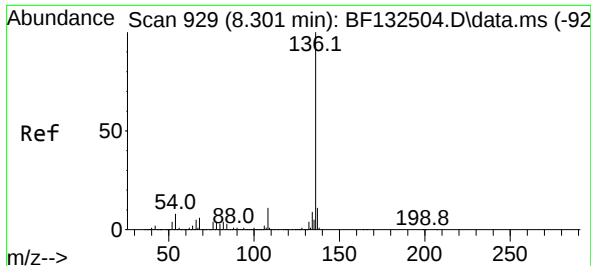
Tgt Ion: 99 Resp: 462077
Ion Ratio Lower Upper
99 100
42 14.7 13.9 20.9
71 30.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.783 ng
RT: 7.539 min Scan# 842
Delta R.T. 0.141 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

Tgt Ion: 70 Resp: 123968
Ion Ratio Lower Upper
70 100
42 40.0 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

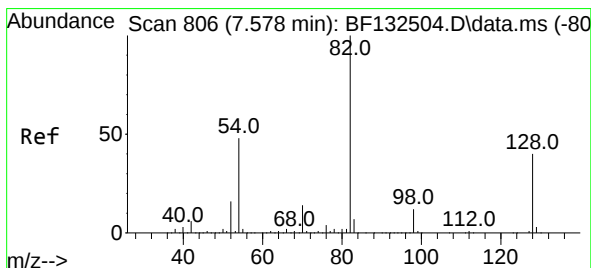
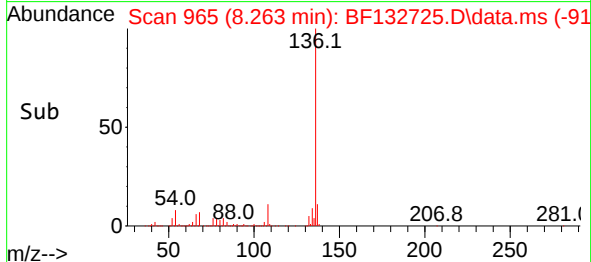
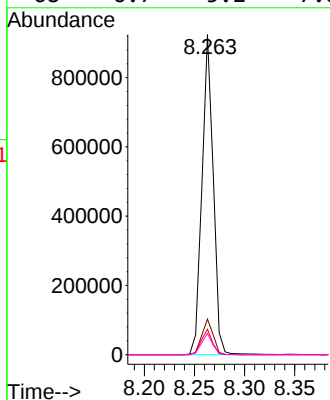
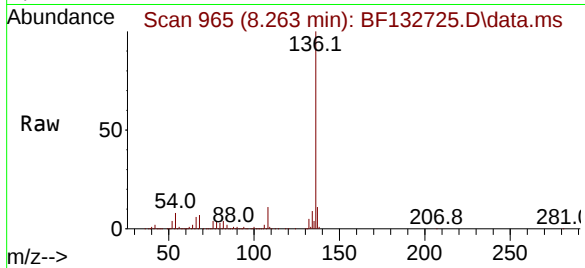




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

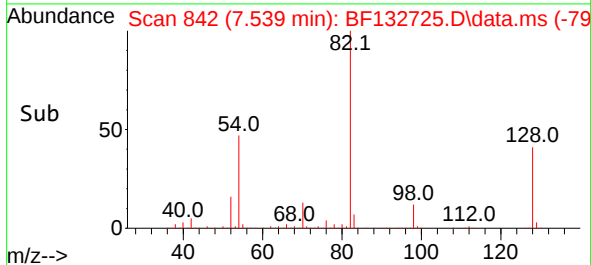
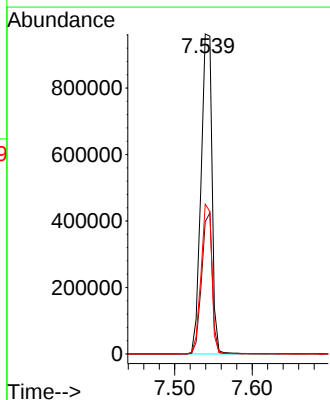
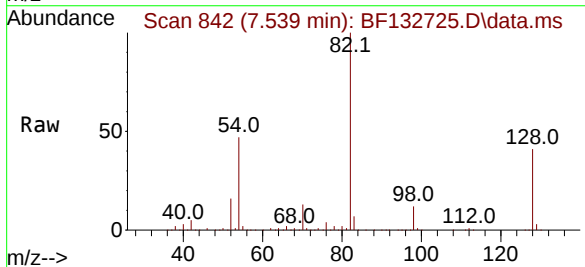
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 725284
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 6.2 9.4
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 62.160 ng
RT: 7.539 min Scan# 842
Delta R.T. -0.018 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

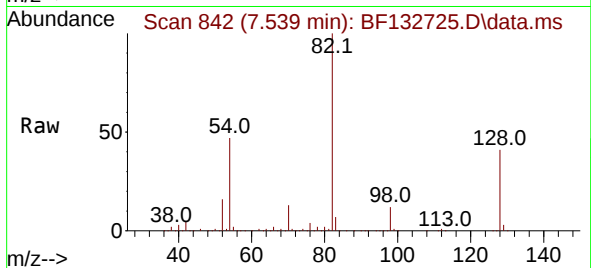
Tgt Ion: 82 Resp: 950245
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 46.8 38.4 57.6



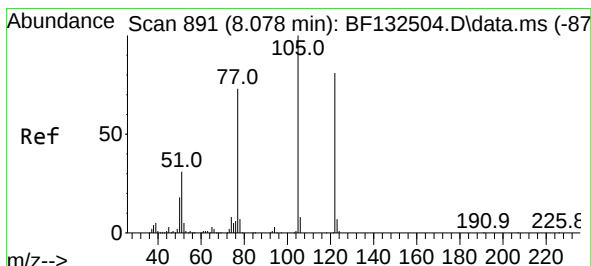
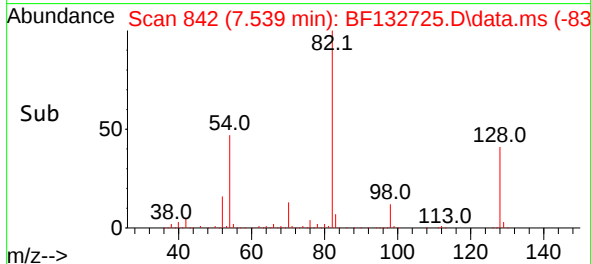
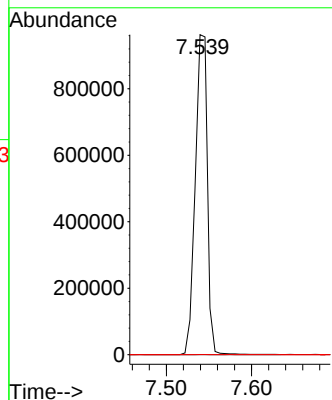


#25
Isophorone
Concen: 32.373 ng
RT: 7.539 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

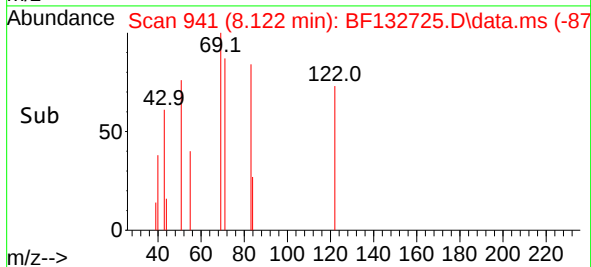
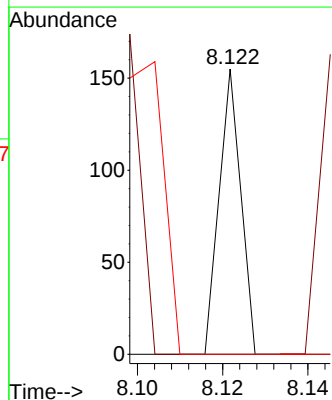
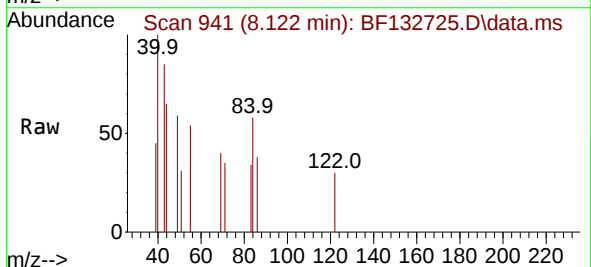


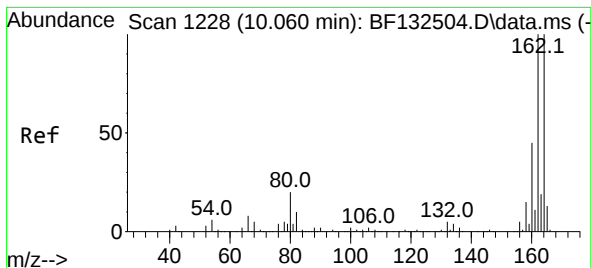
Tgt Ion: 82 Resp: 948806
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.842 ng
RT: 8.122 min Scan# 941
Delta R.T. 0.071 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 0.0 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1400

Delta R.T. -0.012 min

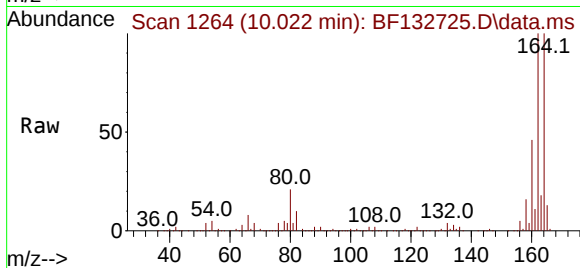
Lab File: BF132725.D

Acq: 09 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :



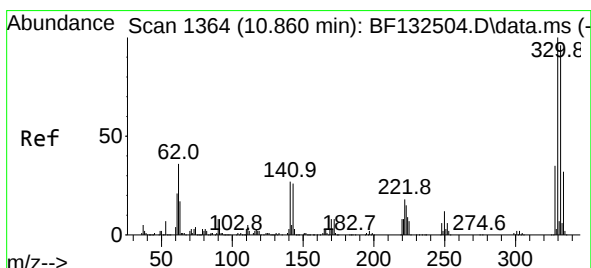
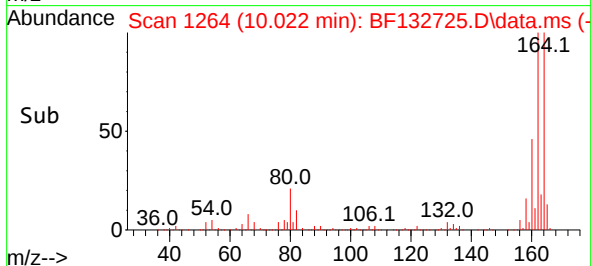
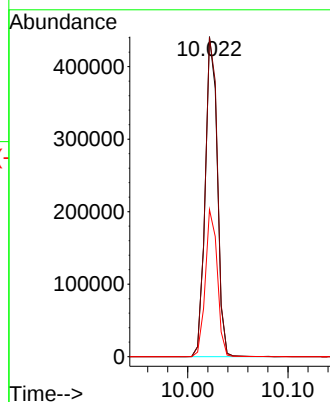
Tgt Ion:164 Resp: 372174

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

160 46.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 88.534 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132725.D

Acq: 09 Mar 2023 19:02

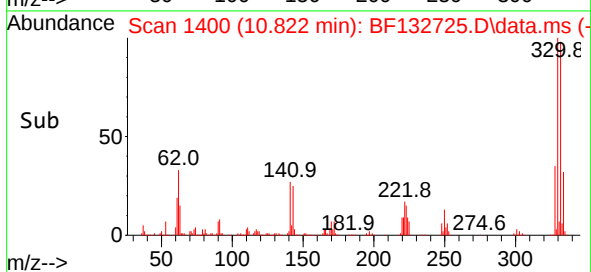
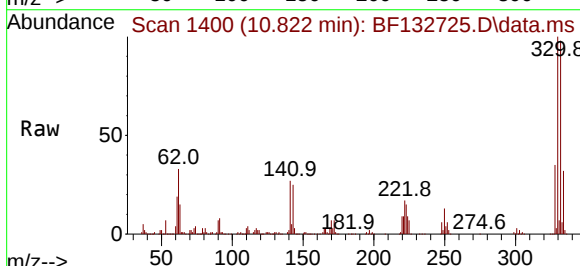
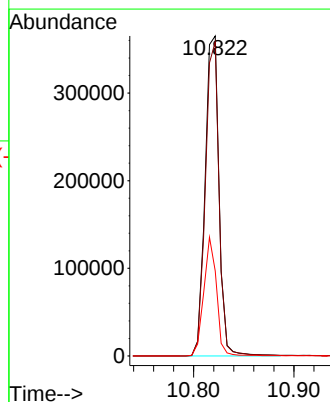
Tgt Ion:330 Resp: 355846

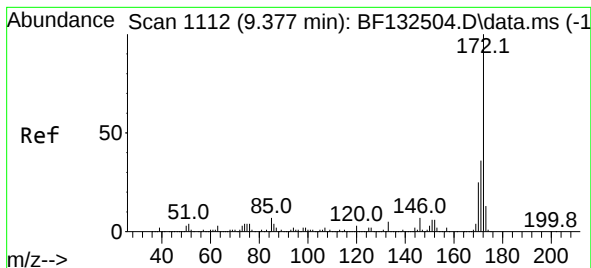
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 34.0 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 62.674 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

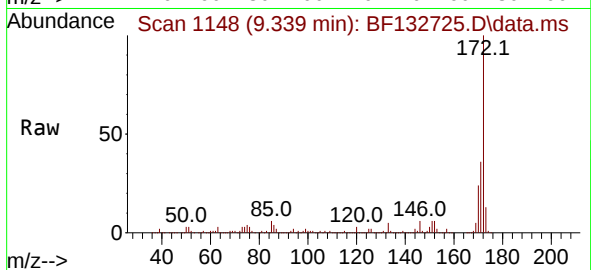
Lab File: BF132725.D

Acq: 09 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :



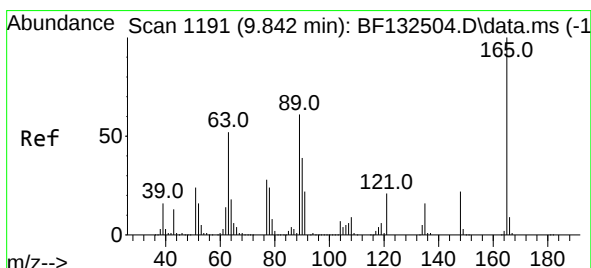
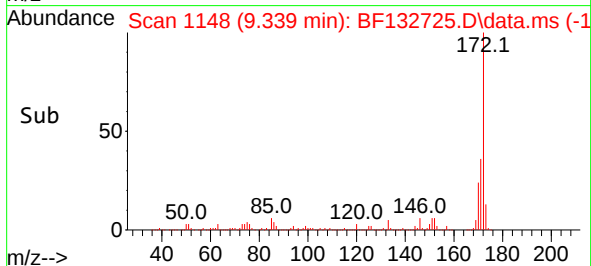
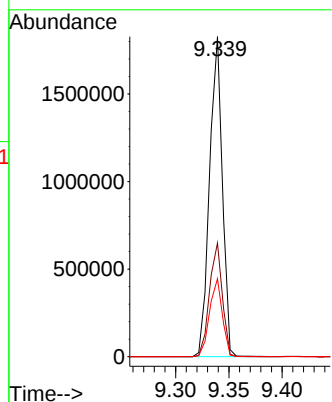
Tgt Ion:172 Resp: 1531905

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.4 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.549 ng

RT: 10.022 min Scan# 1264

Delta R.T. 0.206 min

Lab File: BF132725.D

Acq: 09 Mar 2023 19:02

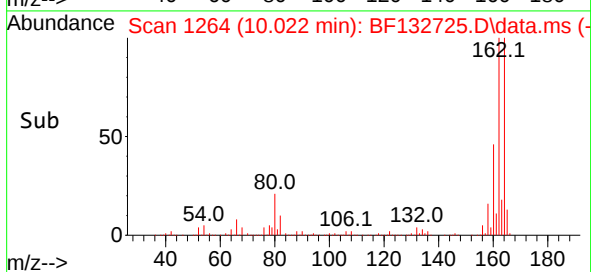
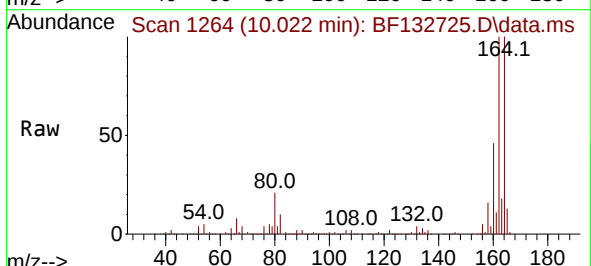
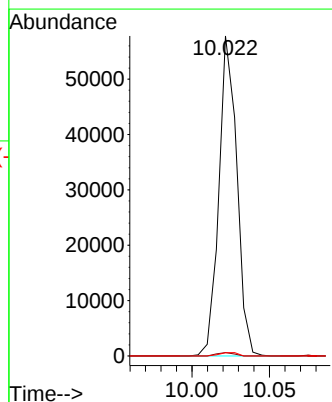
Tgt Ion:165 Resp: 46589

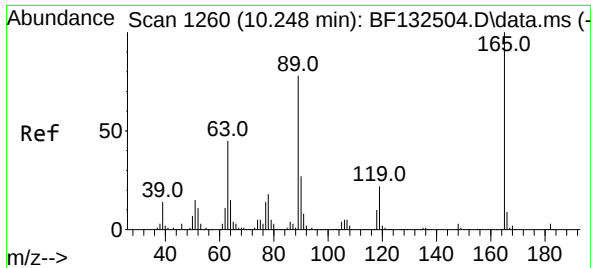
Ion Ratio Lower Upper

165 100

63 1.0 47.3 70.9#

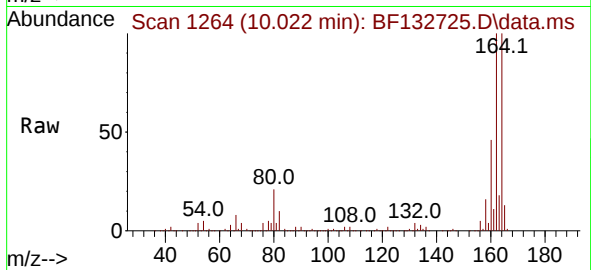
89 1.0 48.9 73.3#



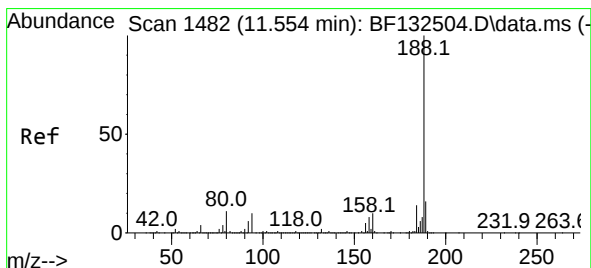
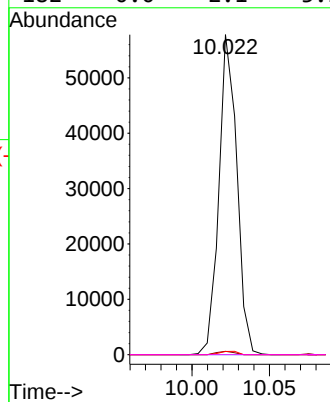
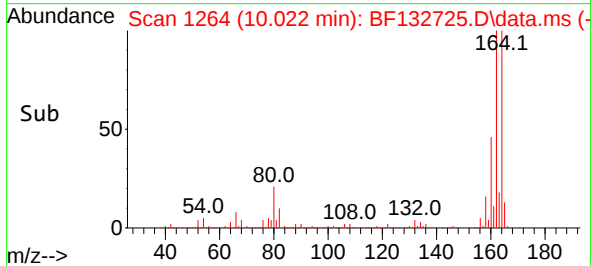


#57
2,4-Dinitrotoluene
Concen: 5.674 ng
RT: 10.022 min Scan# 1519
Delta R.T. -0.200 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

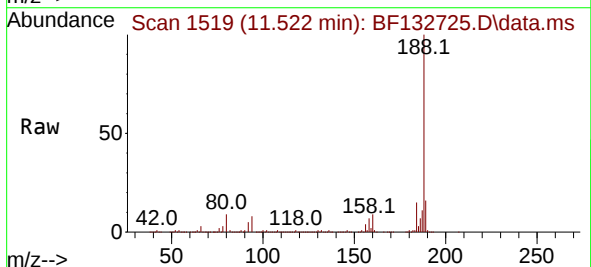
Instrument :
BNA_F
ClientSampleId :



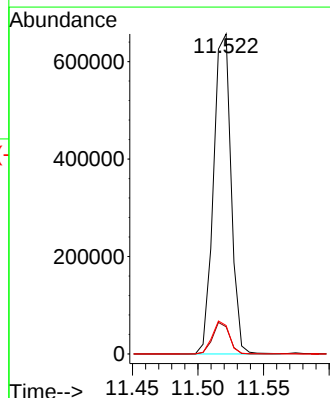
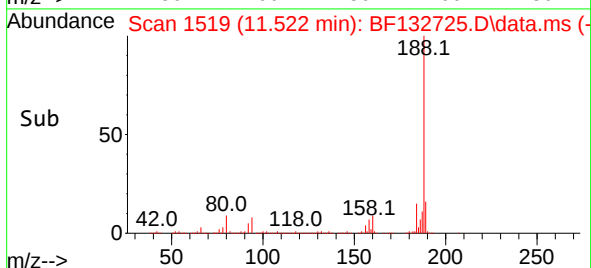
Tgt Ion:165 Resp: 46589
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#

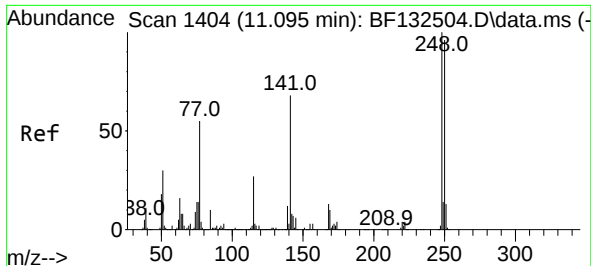


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02



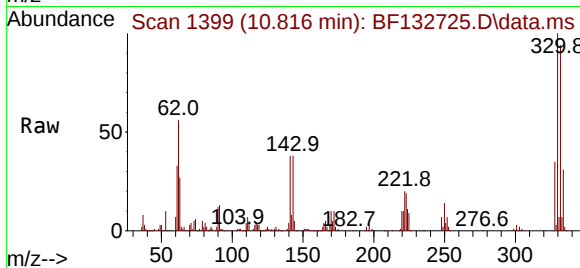
Tgt Ion:188 Resp: 610888
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 8.9 8.7 13.1



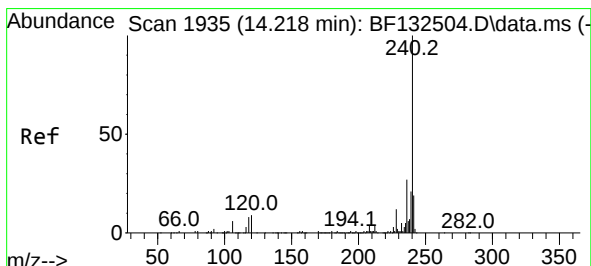
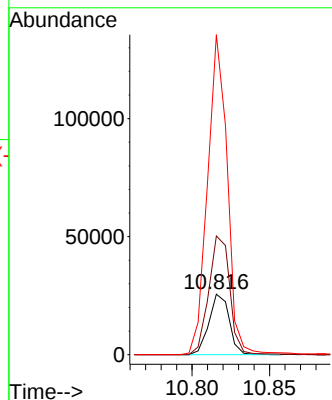
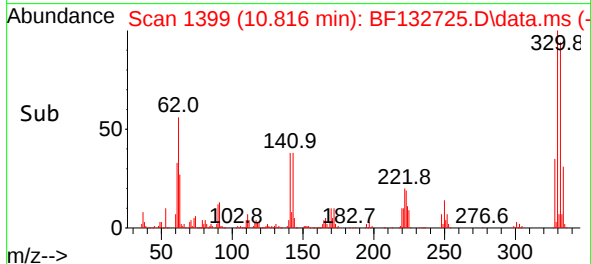


#67
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

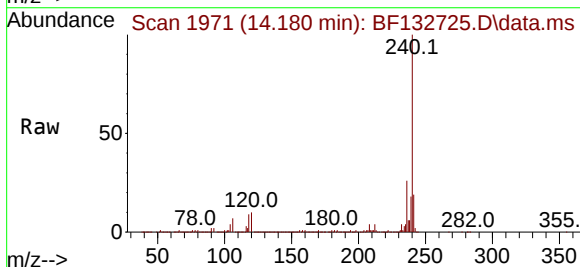
Instrument :
BNA_F
ClientSampleId :



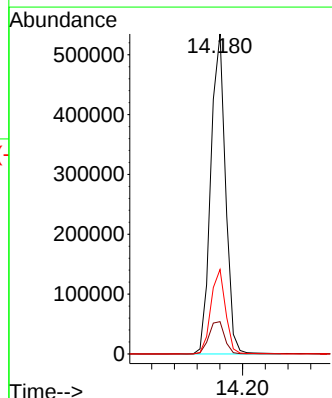
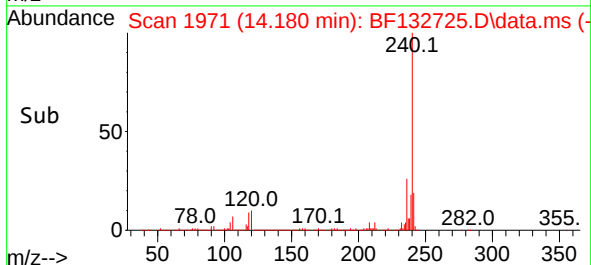
Tgt Ion:248 Resp: 23346
Ion Ratio Lower Upper
248 100
250 196.2 77.0 115.4#
141 528.7 54.2 81.2#

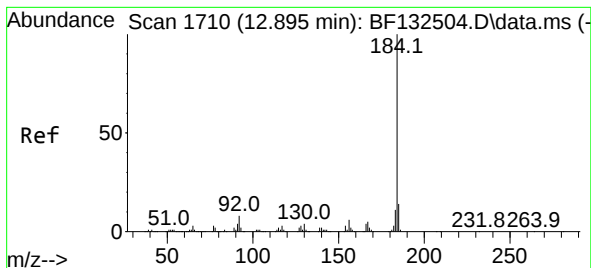


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02



Tgt Ion:240 Resp: 480135
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.4 21.8 32.6





#77

Benzidine

Concen: 2.176 ng

RT: 13.110 min Scan# 1789

Delta R.T. 0.241 min

Lab File: BF132725.D

Acq: 09 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

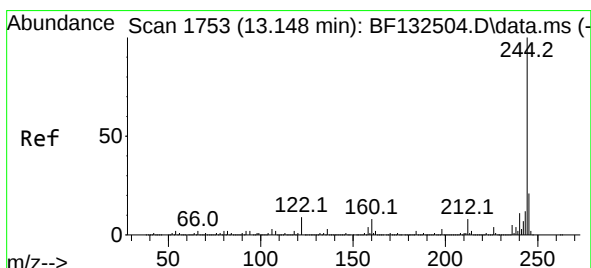
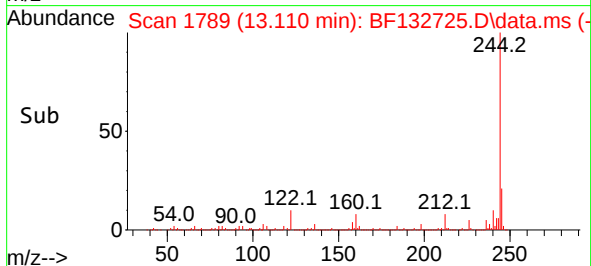
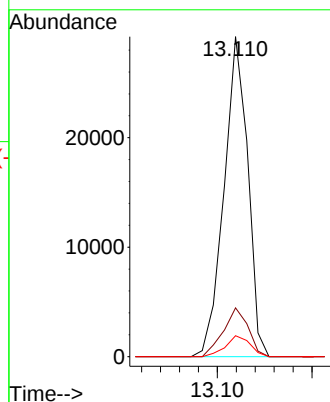
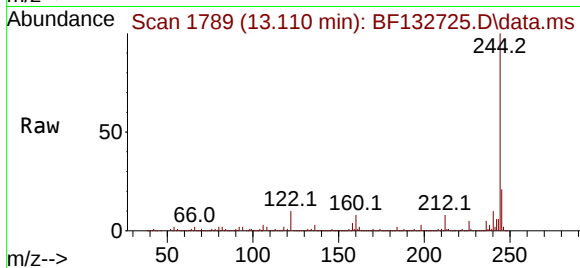
Tgt Ion:184 Resp: 25438

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

183 6.5 8.7 13.1#



#79

Terphenyl-d14

Concen: 63.467 ng

RT: 13.110 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF132725.D

Acq: 09 Mar 2023 19:02

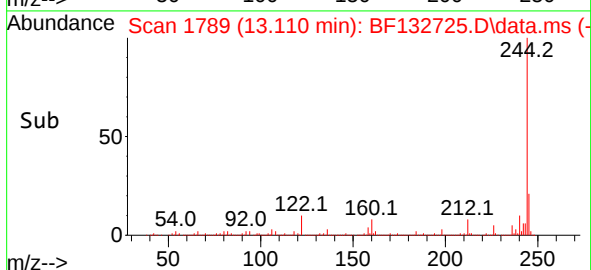
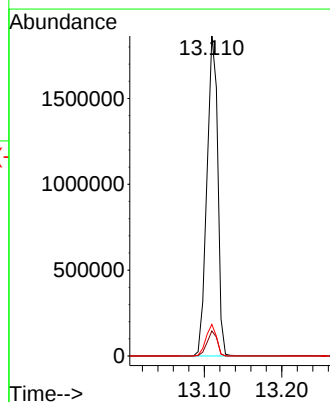
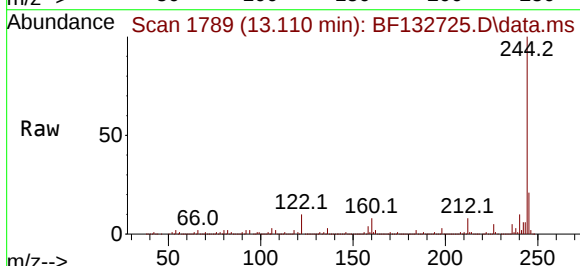
Tgt Ion:244 Resp: 1802321

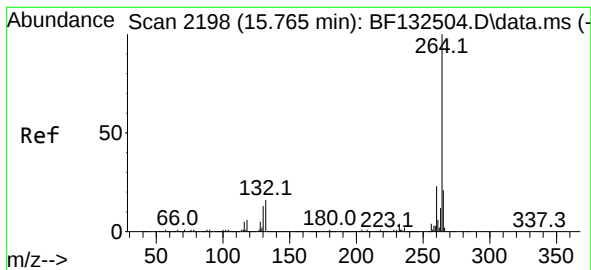
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

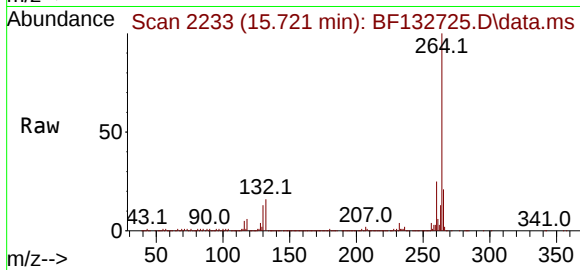
122 9.8 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132725.D
Acq: 09 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 494060

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.2	17.1	25.7

