

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135034.D
 Acq On : 31 Aug 2023 07:07
 Operator : CG\JU
 Sample : 04183-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-082523

Quant Time: Aug 31 07:29:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

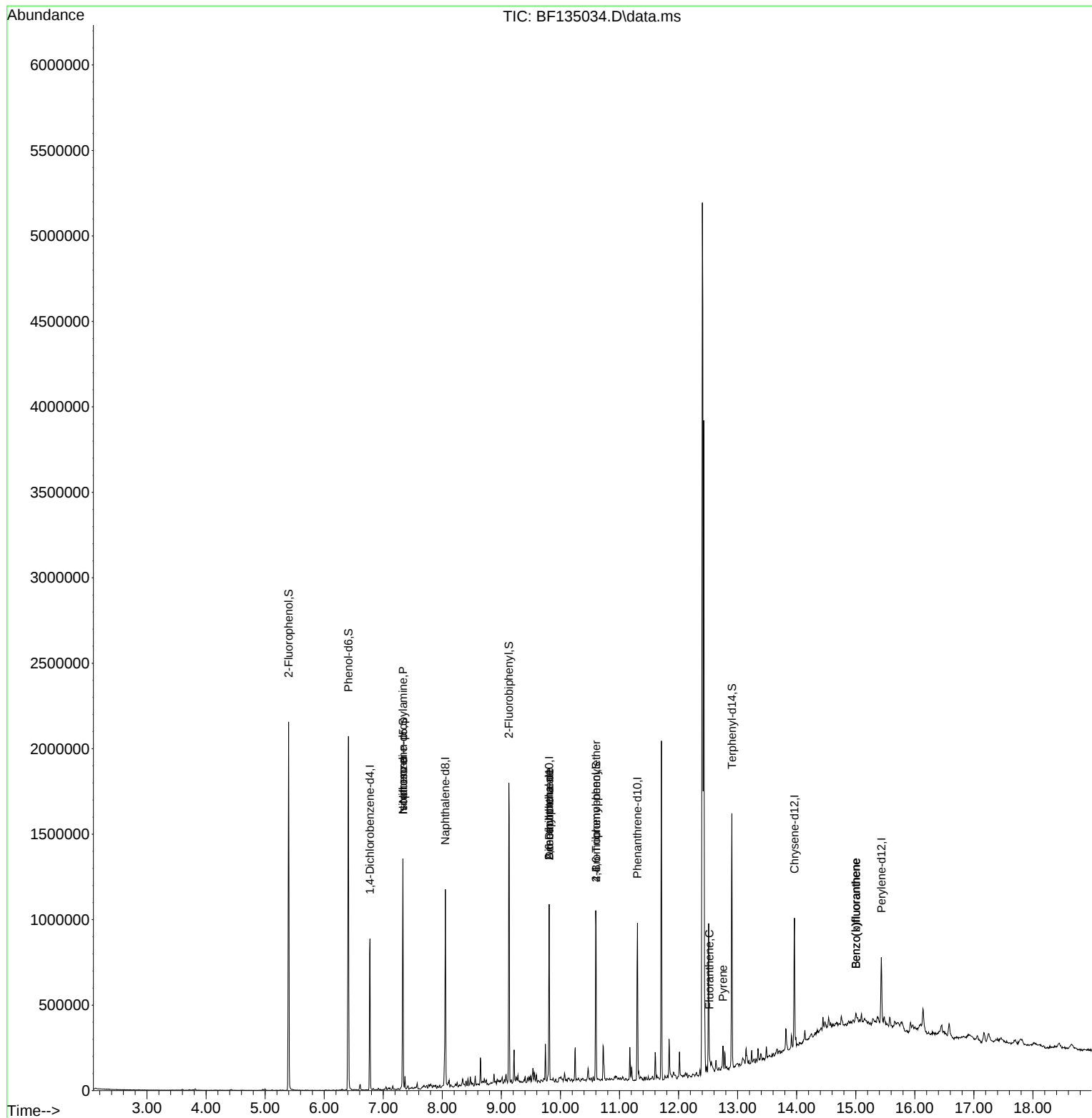
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	125882	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	464690	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	187653	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	318344	20.000	ng	0.00
76) Chrysene-d12	13.962	240	255380	20.000	ng	0.00
86) Perylene-d12	15.433	264	175972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	535717	65.734	ng	0.00
7) Phenol-d6	6.410	99	641132	63.115	ng	0.00
23) Nitrobenzene-d5	7.333	82	366409	44.299	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	115994	58.271	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	529616	45.950	ng	-0.01
79) Terphenyl-d14	12.904	244	495486	31.662	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	48148	7.980	ng	# 79
25) Isophorone	7.333	82	364980	23.273	ng	# 65
50) Dimethylphthalate	9.810	163	37532	2.856	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	25884	8.978	ng	# 22
67) 4-Bromophenyl-phenylether	10.604	248	6917	2.049	ng	# 1
69) Atrazine	11.016	200	403	Below Cal		# 38
75) Fluoranthene	12.521	202	35917	2.163	ng	94
78) Pyrene	12.751	202	49700	2.050	ng	99
88) Benzo(b)fluoranthene	15.004	252	22068	2.015	ng	# 68
89) Benzo(k)fluoranthene	15.004	252	22068	2.086	ng	# 67

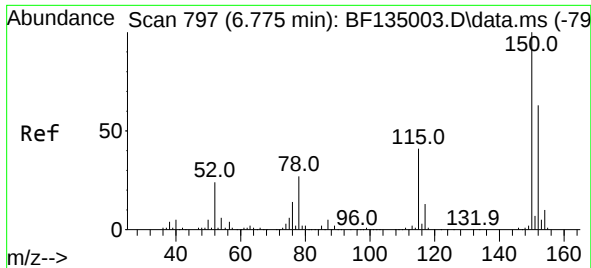
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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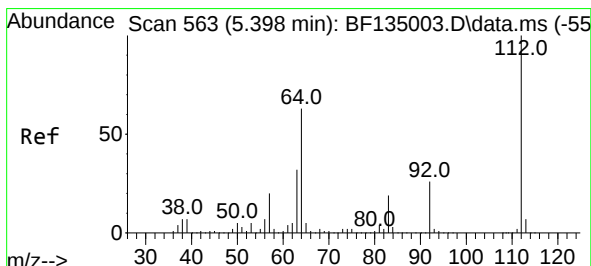
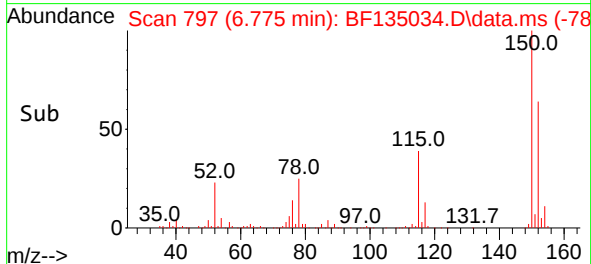
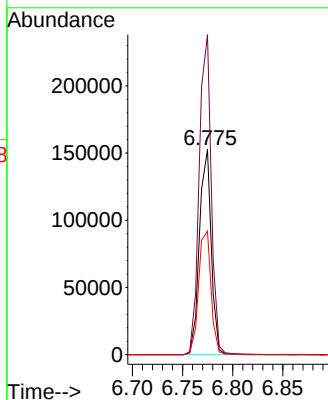
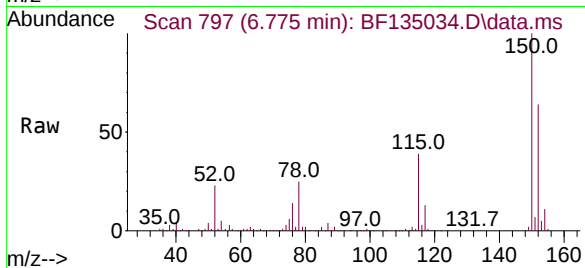




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

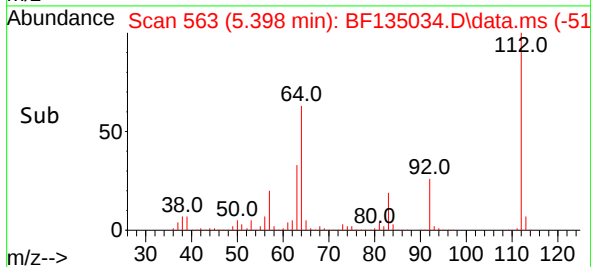
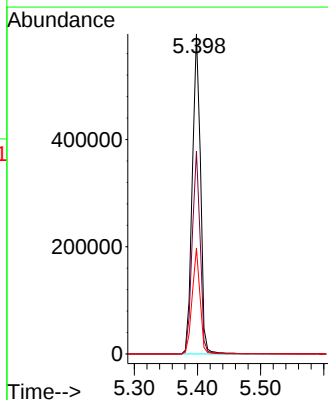
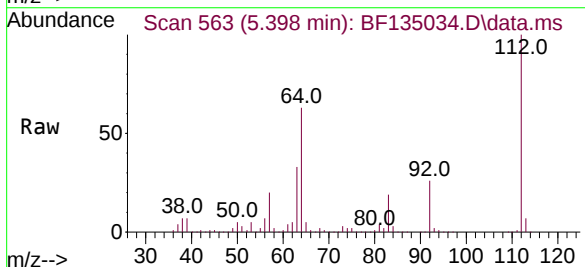
Instrument :
BNA_F
ClientSampleId :
HR-03-082523

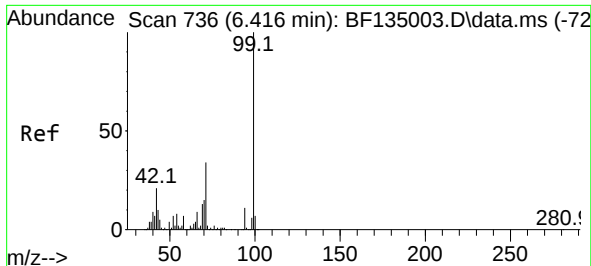
Tgt Ion:152 Resp: 125882
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 60.2 51.2 76.8



#5
2-Fluorophenol
Concen: 65.734 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion:112 Resp: 535717
Ion Ratio Lower Upper
112 100
64 63.4 50.5 75.7
63 33.1 25.9 38.9





#7
Phenol-d6
Concen: 63.115 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

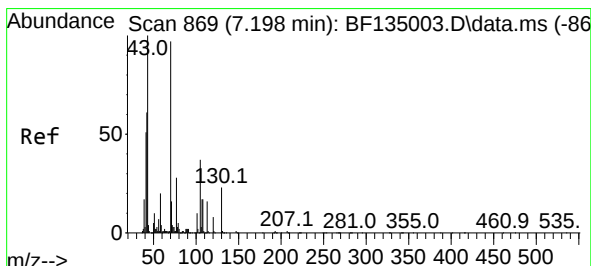
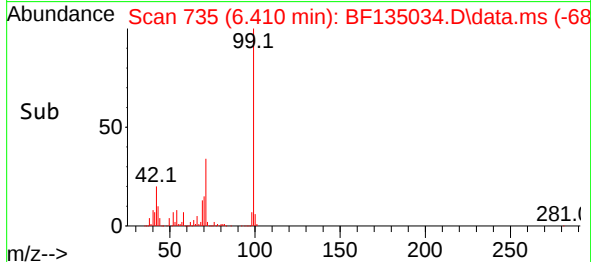
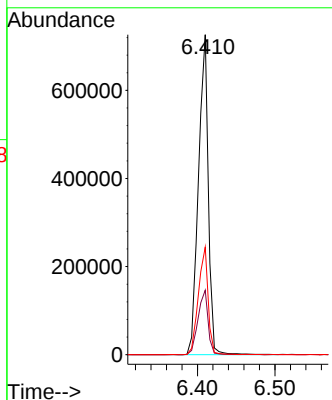
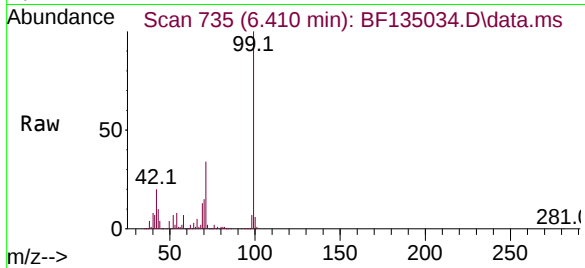
Instrument :

BNA_F

ClientSampleId :

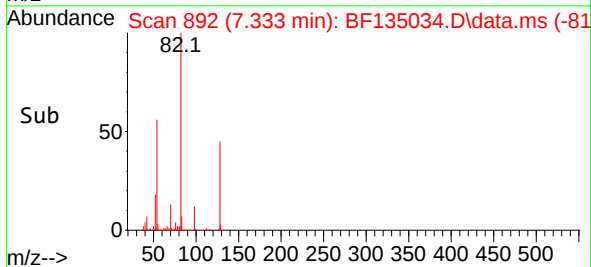
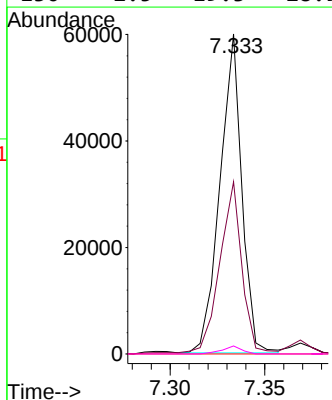
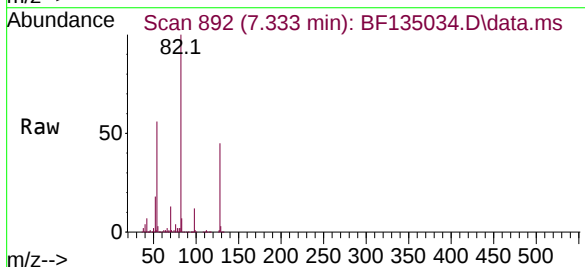
HR-03-082523

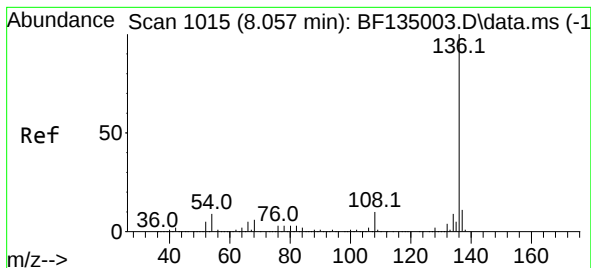
Tgt Ion: 99 Resp: 641132
Ion Ratio Lower Upper
99 100
42 20.1 16.6 25.0
71 33.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.980 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion: 70 Resp: 48148
Ion Ratio Lower Upper
70 100
42 53.8 50.2 75.4
101 0.0 8.1 12.1#
130 2.5 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

Tgt Ion:136 Resp: 464690

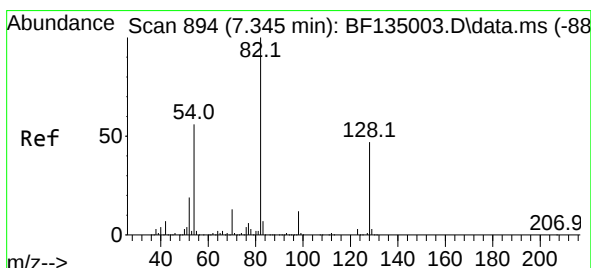
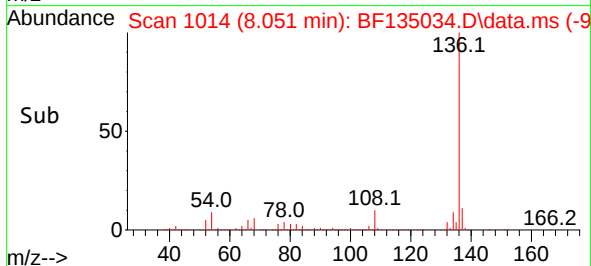
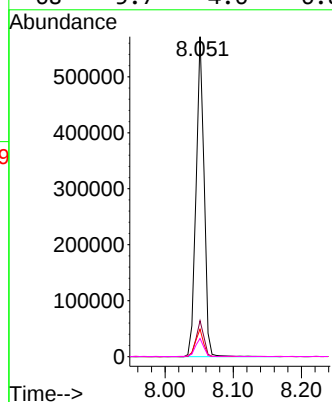
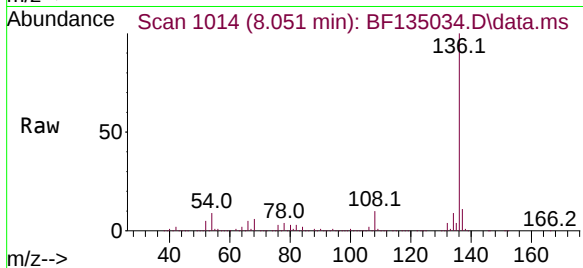
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.6 7.0 10.4

68 5.7 4.6 6.8



#23

Nitrobenzene-d5

Concen: 44.299 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

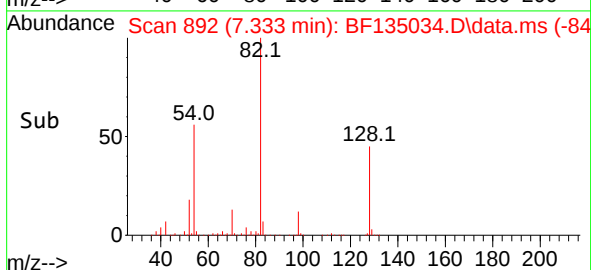
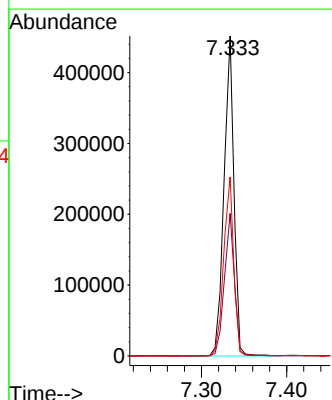
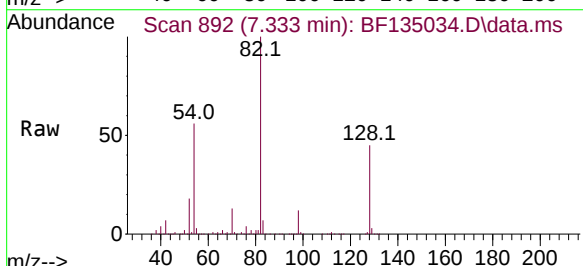
Tgt Ion: 82 Resp: 366409

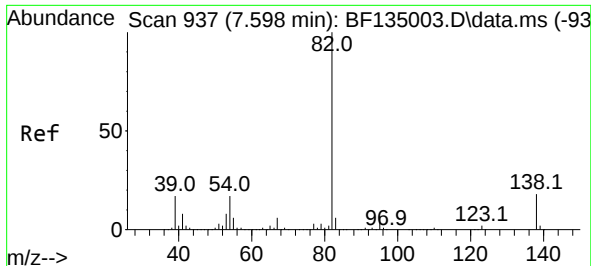
Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

54 55.9 45.0 67.6

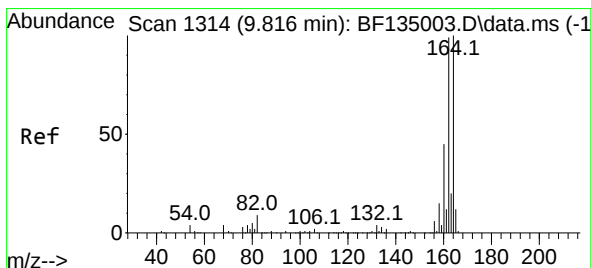
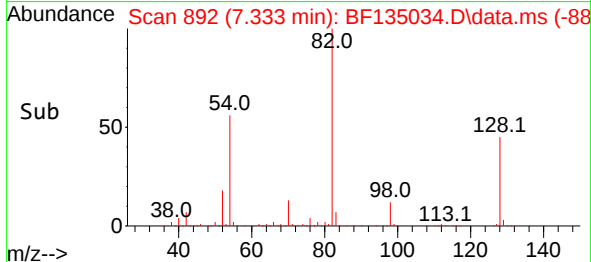
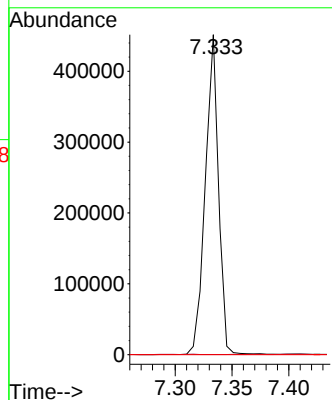
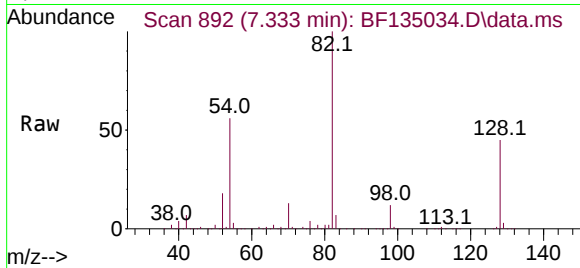




#25
Isophorone
Concen: 23.273 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

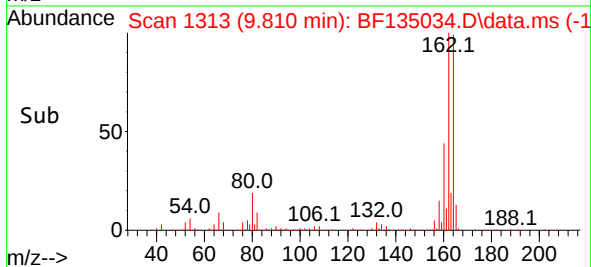
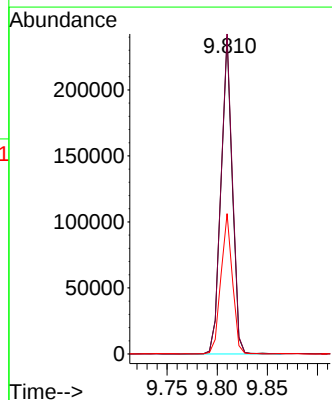
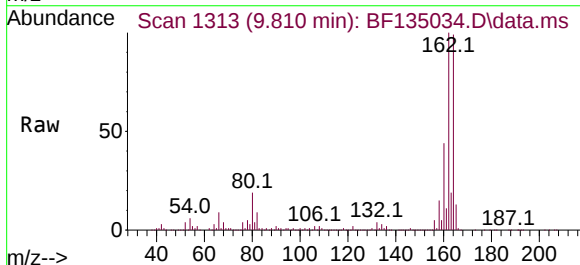
Instrument :
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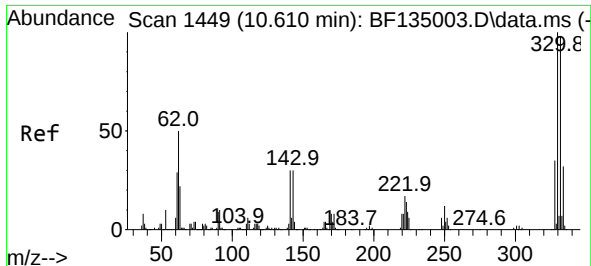
Tgt Ion: 82 Resp: 364980
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion:164 Resp: 187653
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 44.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 58.271 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

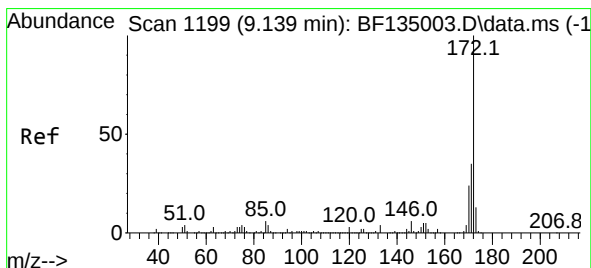
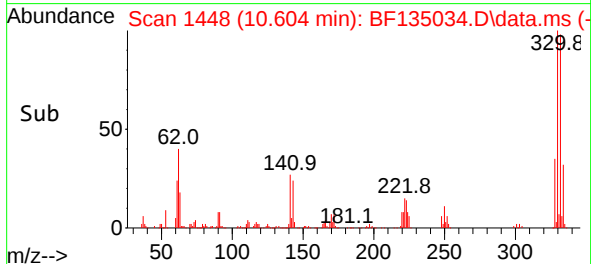
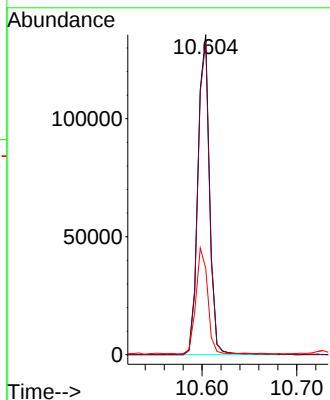
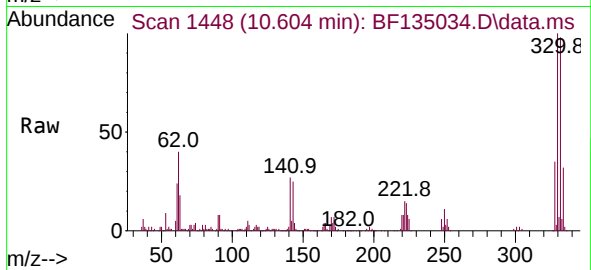
Tgt Ion:330 Resp: 115994

Ion Ratio Lower Upper

330 100

332 98.0 77.6 116.4

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 45.950 ng

RT: 9.127 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

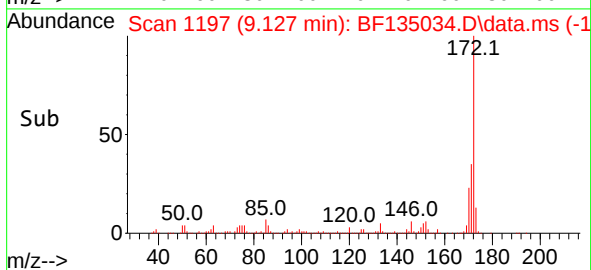
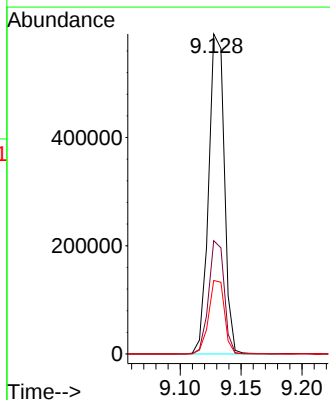
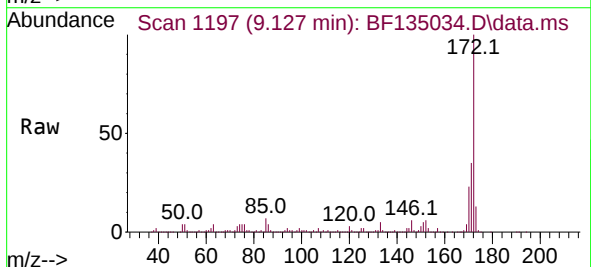
Tgt Ion:172 Resp: 529616

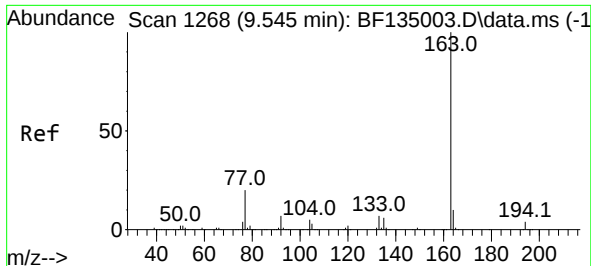
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.0 19.0 28.4

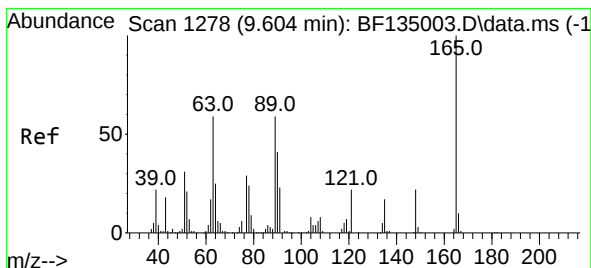
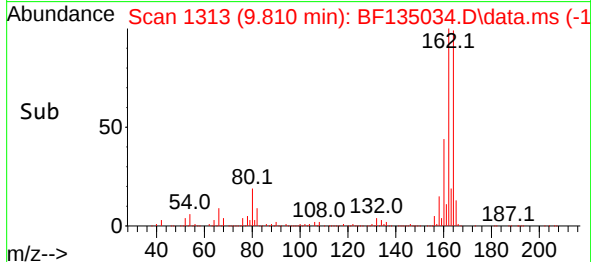
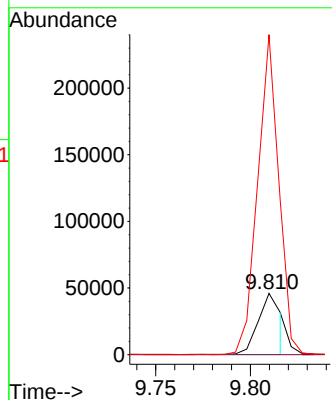
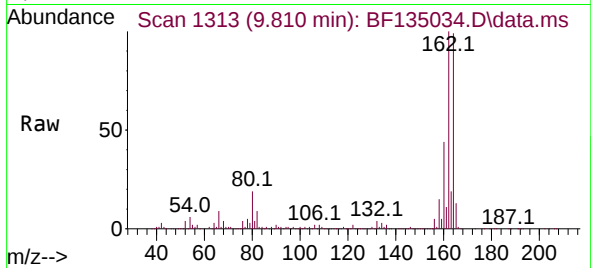




#50
Dimethylphthalate
Concen: 2.856 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

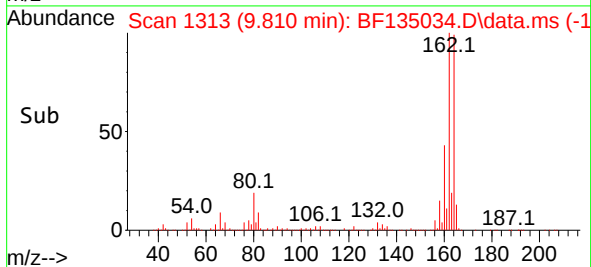
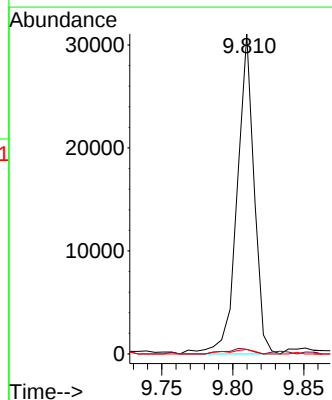
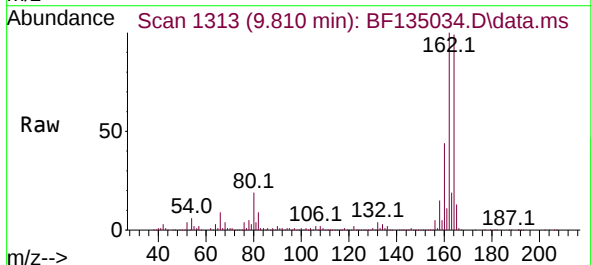
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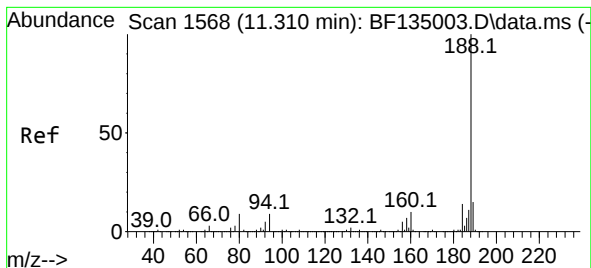
Tgt Ion:163 Resp: 37532
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 522.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.978 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion:165 Resp: 25884
Ion Ratio Lower Upper
165 100
63 1.4 50.4 75.6#
89 1.4 47.1 70.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

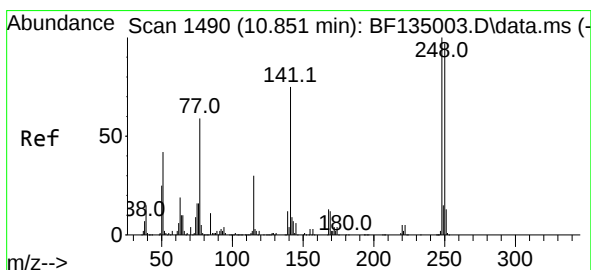
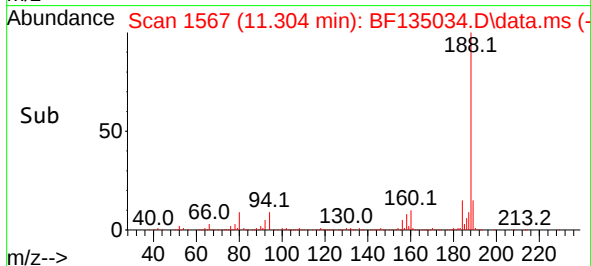
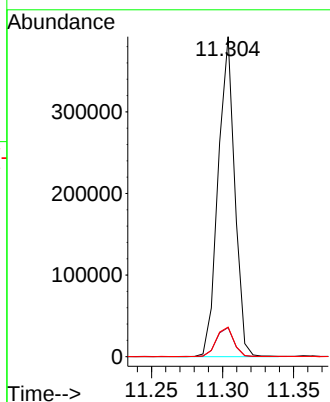
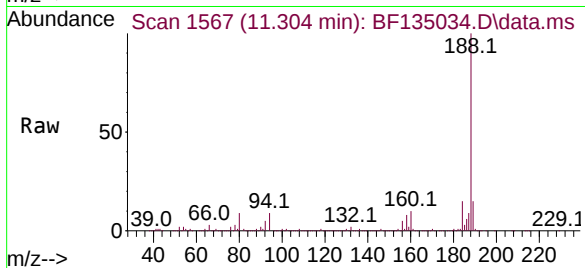
Tgt Ion:188 Resp: 318344

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.3 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 2.049 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.247 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

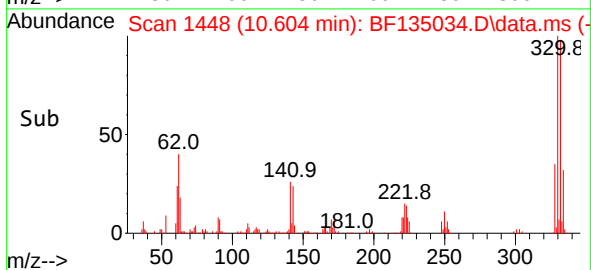
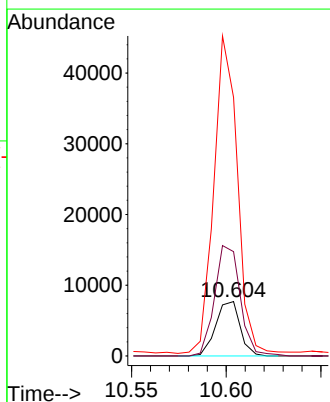
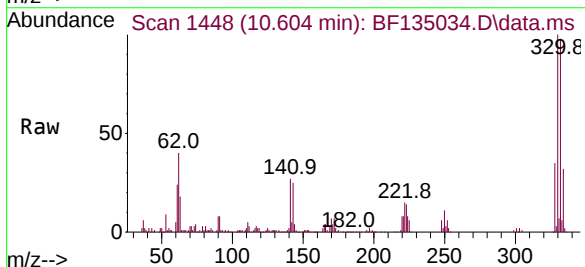
Tgt Ion:248 Resp: 6917

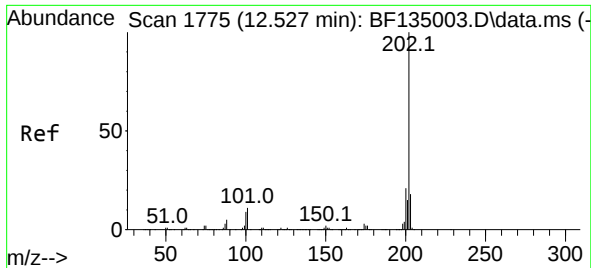
Ion Ratio Lower Upper

248 100

250 191.8 77.9 116.9#

141 475.1 59.8 89.8#

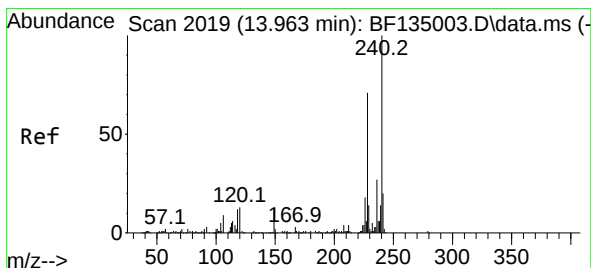
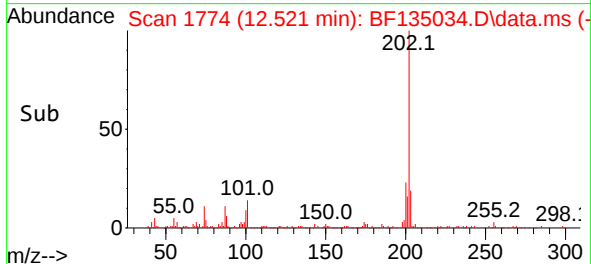
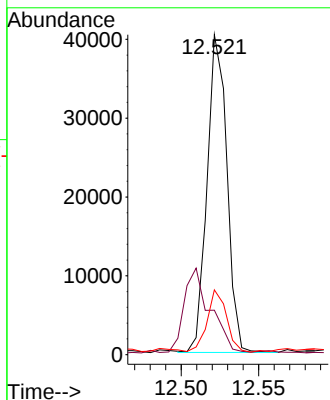
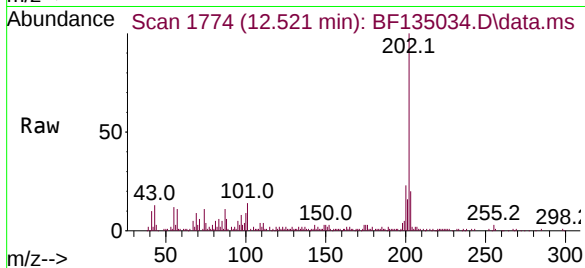




#75
Fluoranthene
Concen: 2.163 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

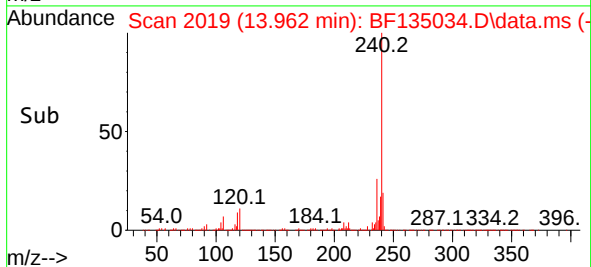
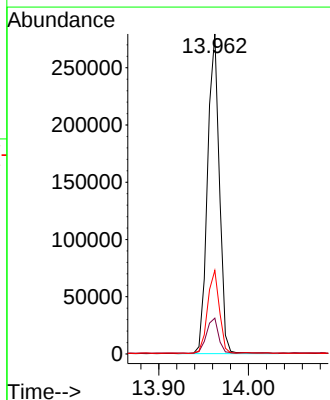
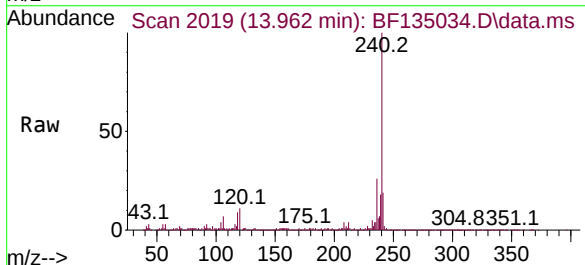
Instrument :
BNA_F
ClientSampleId :
HR-03-082523

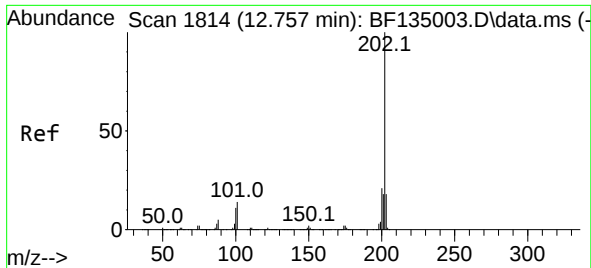
Tgt Ion:202 Resp: 35917
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.5
203 20.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion:240 Resp: 255380
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.2
236 26.1 21.3 31.9

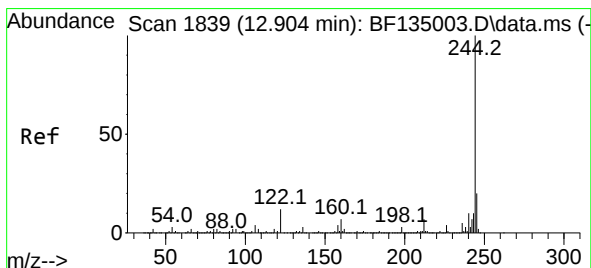
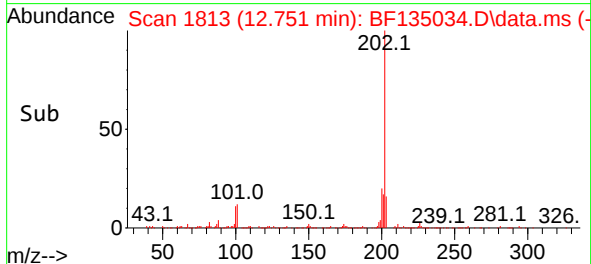
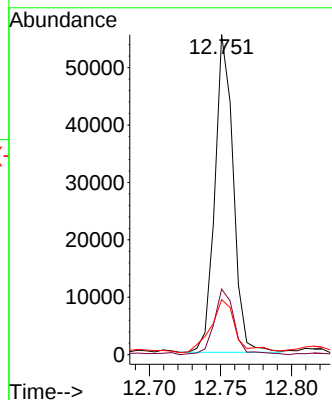
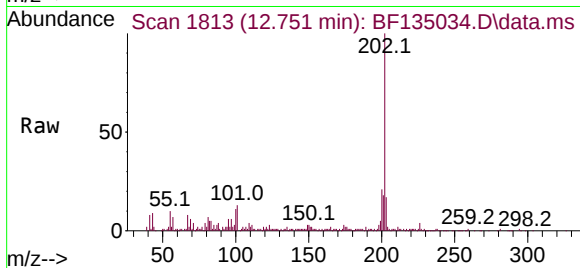




#78
Pyrene
Concen: 2.050 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

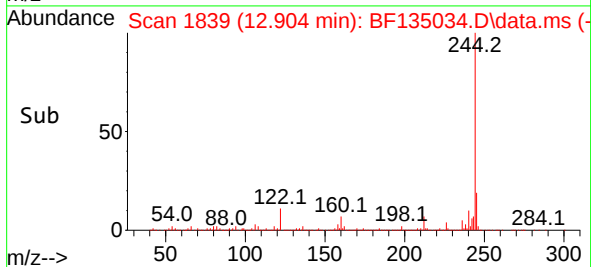
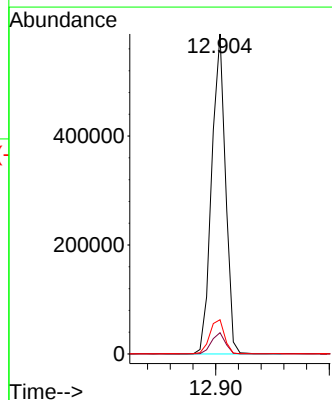
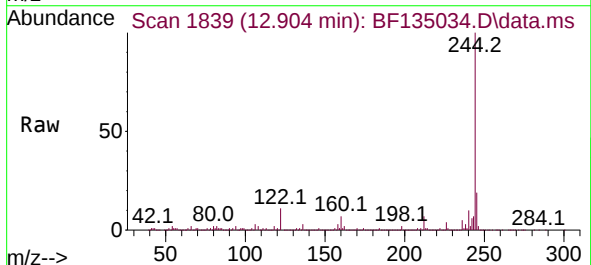
Instrument :
BNA_F
ClientSampleId :
HR-03-082523

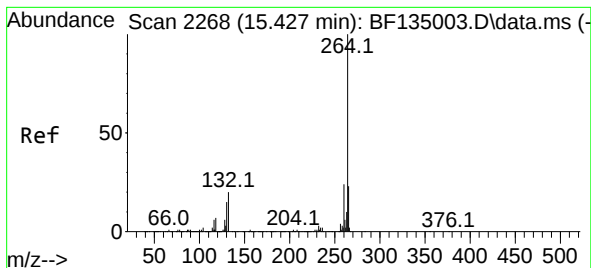
Tgt Ion:202 Resp: 49700
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 17.2 14.2 21.2



#79
Terphenyl-d14
Concen: 31.662 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF135034.D
Acq: 31 Aug 2023 07:07

Tgt Ion:244 Resp: 495486
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.7 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523

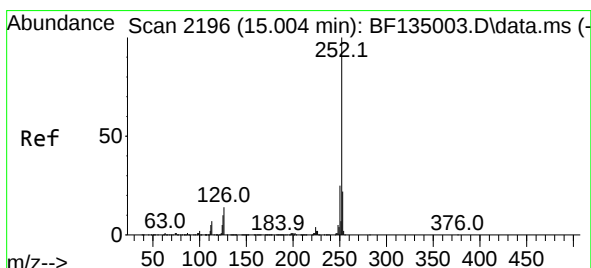
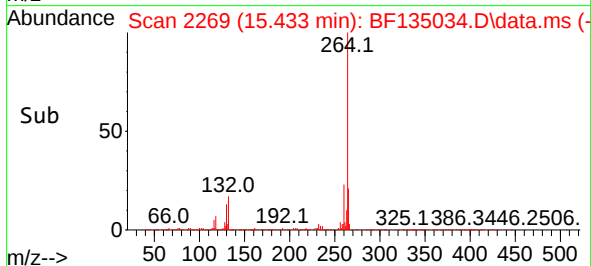
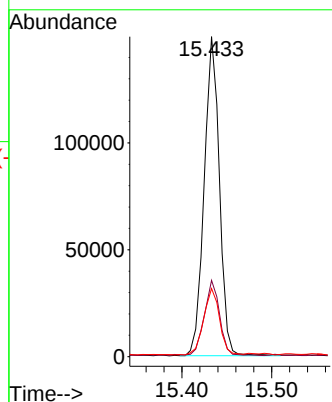
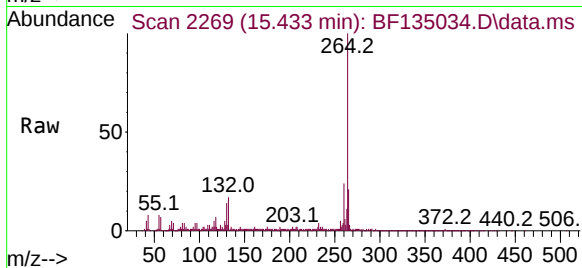
Tgt Ion:264 Resp: 175972

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.3 18.2 27.2



#88

Benzo(b)fluoranthene

Concen: 2.015 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF135034.D

Acq: 31 Aug 2023 07:07

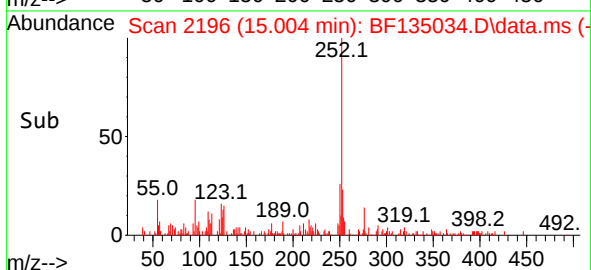
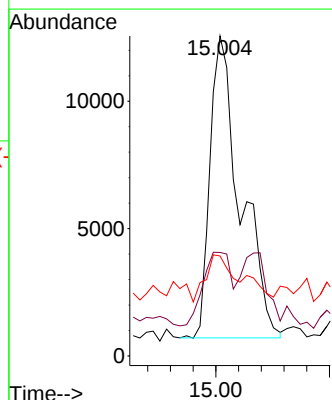
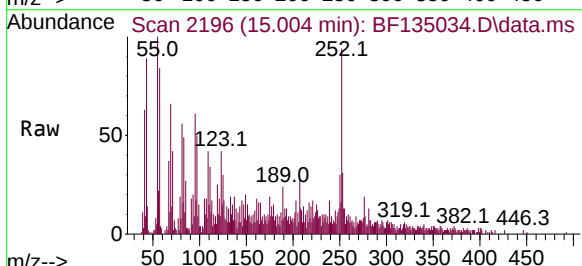
Tgt Ion:252 Resp: 22068

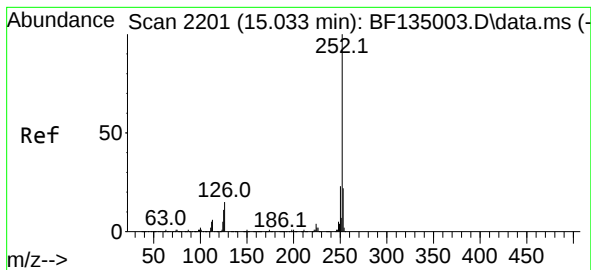
Ion Ratio Lower Upper

252 100

253 32.3 17.8 26.8#

125 31.3 8.4 12.6#





#89

Benzo(k)fluoranthene

Concen: 2.086 ng

RT: 15.004 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF135034.D

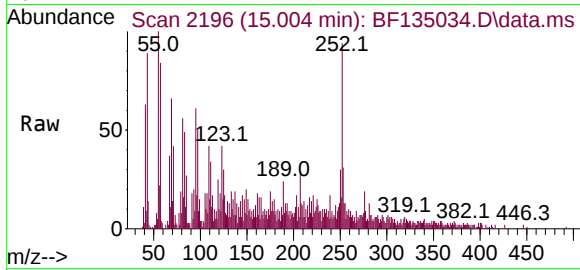
Acq: 31 Aug 2023 07:07

Instrument :

BNA_F

ClientSampleId :

HR-03-082523



Tgt Ion:252 Resp: 22068

Ion Ratio Lower Upper

252 100

253 32.3 17.4 26.0#

125 31.3 8.5 12.7#

