

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134934.D
 Acq On : 24 Aug 2023 20:27
 Operator : CG\JU
 Sample : 04116-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 25 01:23:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

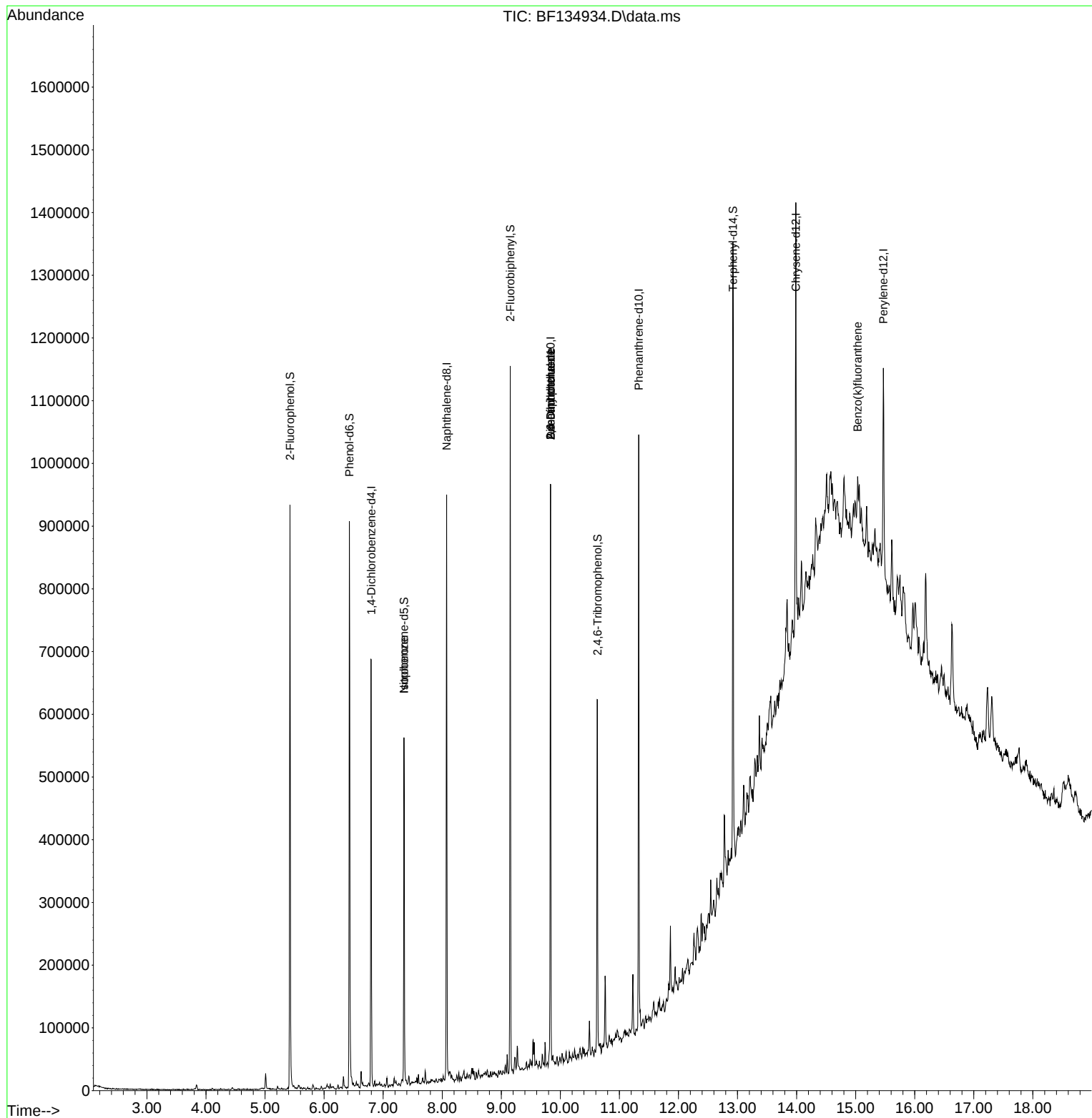
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	101108	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	363188	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	171595	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	318919	20.000	ng	0.00
76) Chrysene-d12	13.986	240	207930	20.000	ng	0.00
86) Perylene-d12	15.468	264	161257	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	235545	37.150	ng	0.00
7) Phenol-d6	6.428	99	284952	35.171	ng	-0.01
23) Nitrobenzene-d5	7.351	82	160658	24.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	69195	34.239	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	301943	27.202	ng	0.00
79) Terphenyl-d14	12.922	244	329843	21.818	ng	0.00
Target Compounds						
					Qvalue	
20) 3+4-Methylphenols	7.204	107	107	Below Cal	#	51
25) Isophorone	7.351	82	159045	12.923	ng	# 64
50) Dimethylphthalate	9.834	163	34364	2.813	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	22749	8.444	ng	# 29
57) 2,4-Dinitrotoluene	9.834	165	22749	6.828	ng	# 25
89) Benzo(k)fluoranthene	15.033	252	17894	2.003	ng	# 1

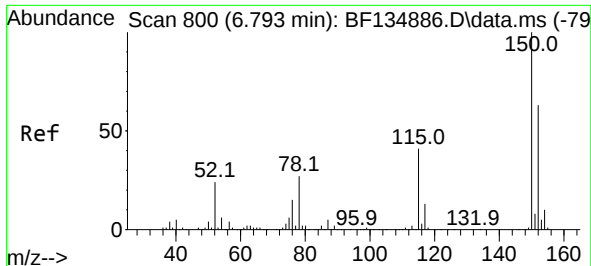
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
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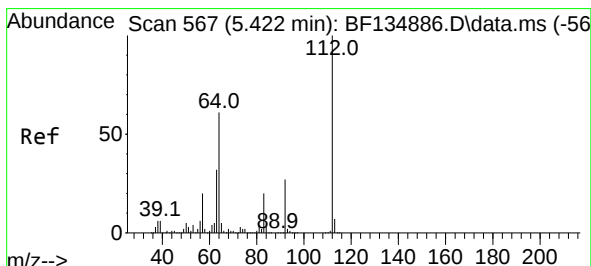
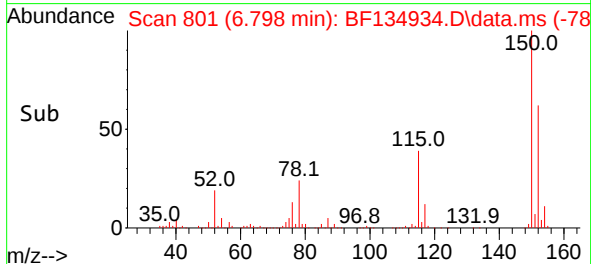
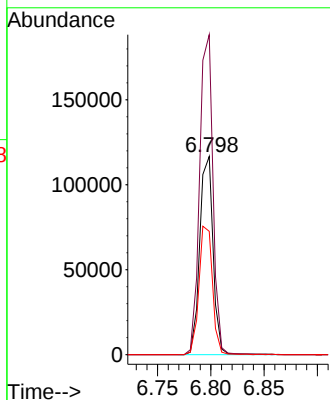
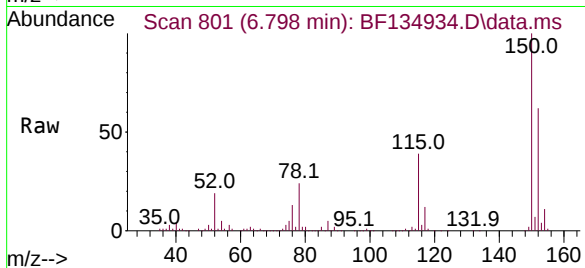




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.005 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

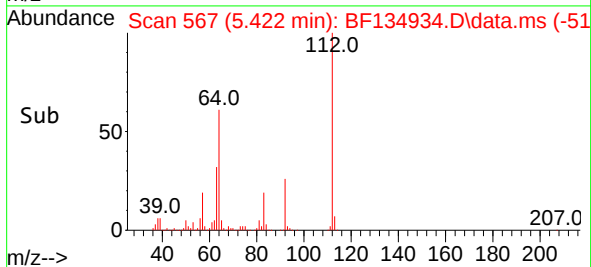
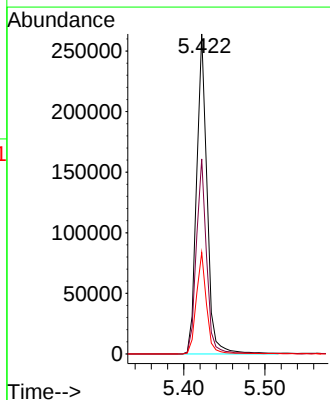
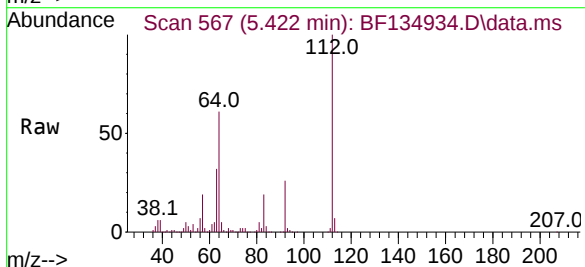
Instrument :
BNA_F
ClientSampleId :
TP-2

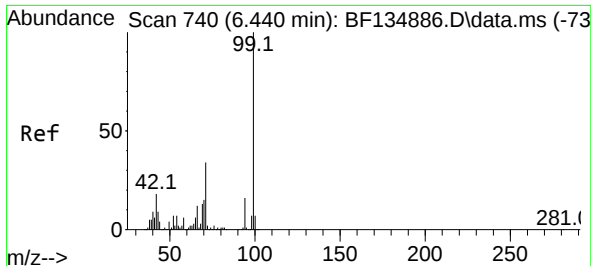
Tgt Ion:152 Resp: 101108
Ion Ratio Lower Upper
152 100
150 161.5 126.1 189.1
115 62.2 51.1 76.7



#5
2-Fluorophenol
Concen: 37.150 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

Tgt Ion:112 Resp: 235545
Ion Ratio Lower Upper
112 100
64 60.9 48.6 73.0
63 31.7 25.7 38.5

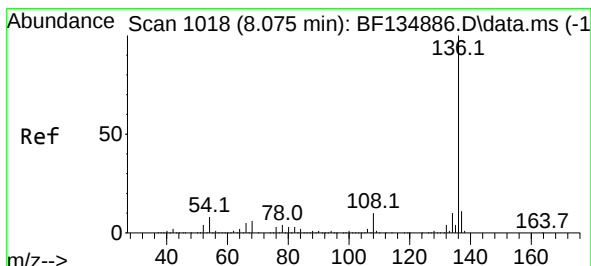
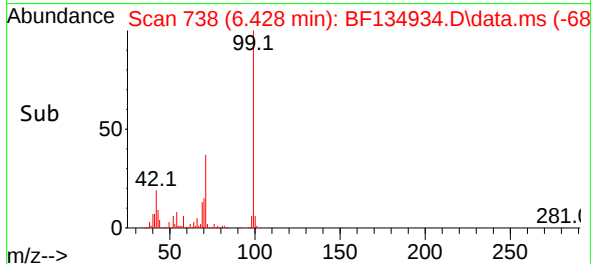
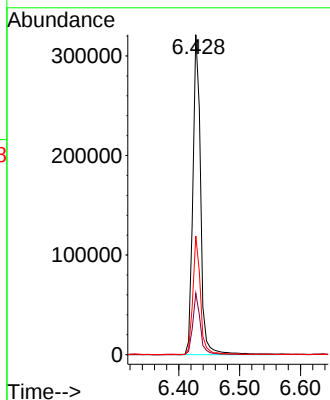
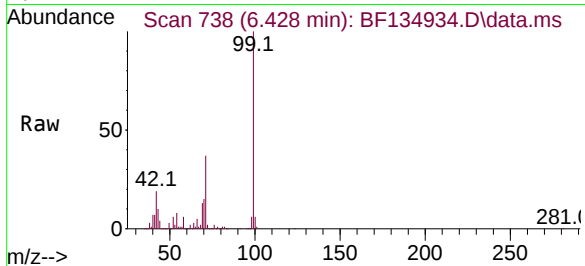




#7
Phenol-d6
Concen: 35.171 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

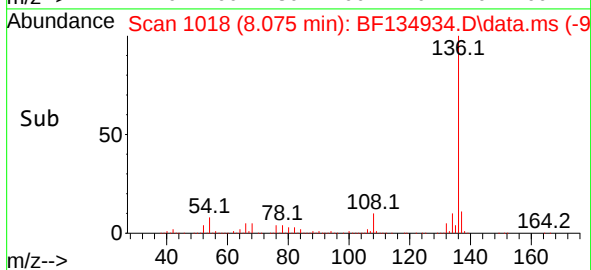
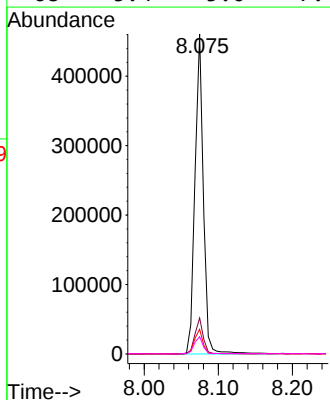
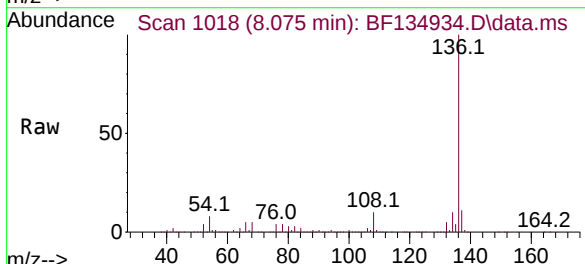
Instrument :
BNA_F
ClientSampleId :
TP-2

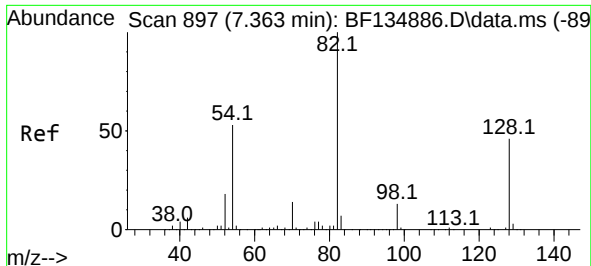
Tgt Ion: 99 Resp: 284952
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 37.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

Tgt Ion: 136 Resp: 363188
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.6 9.8
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 24.375 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

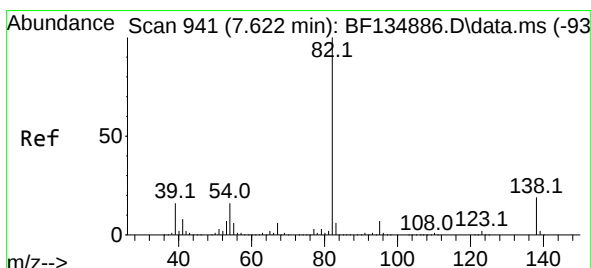
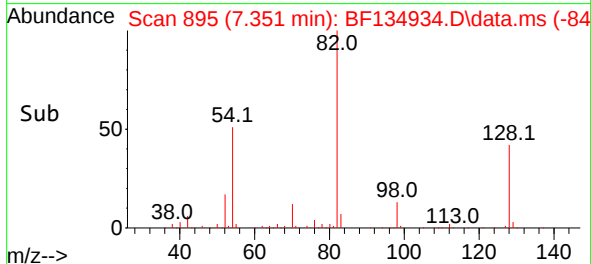
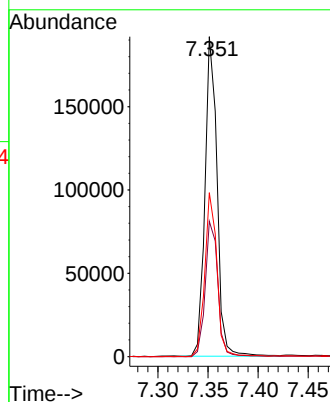
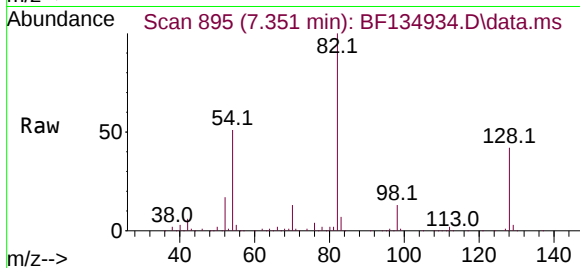
Tgt Ion: 82 Resp: 160658

Ion Ratio Lower Upper

82 100

128 42.3 36.6 54.8

54 51.2 42.6 63.8



#25

Isophorone

Concen: 12.923 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.271 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

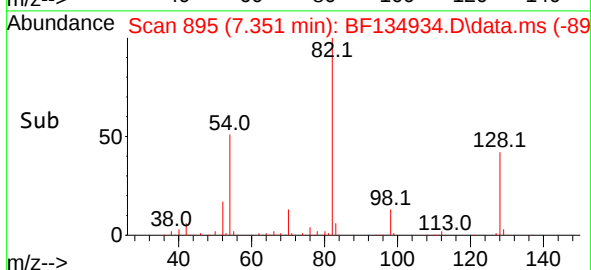
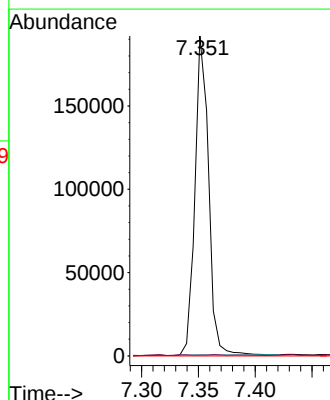
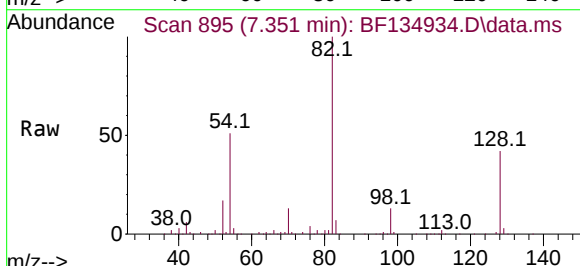
Tgt Ion: 82 Resp: 159045

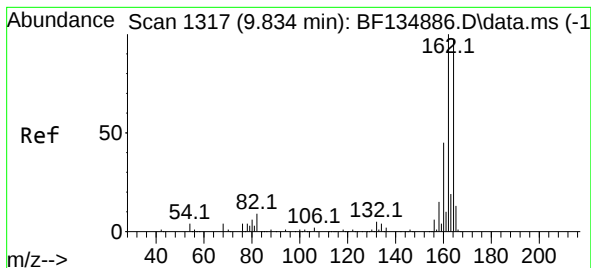
Ion Ratio Lower Upper

82 100

95 0.3 5.9 8.9#

138 0.0 14.9 22.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

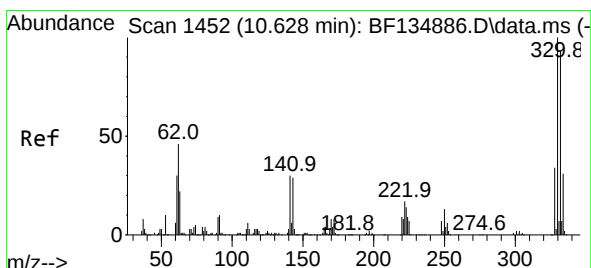
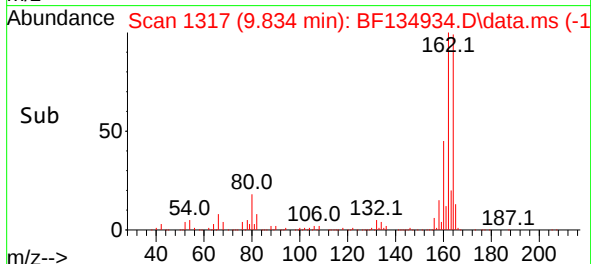
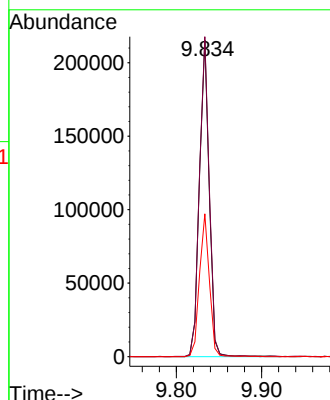
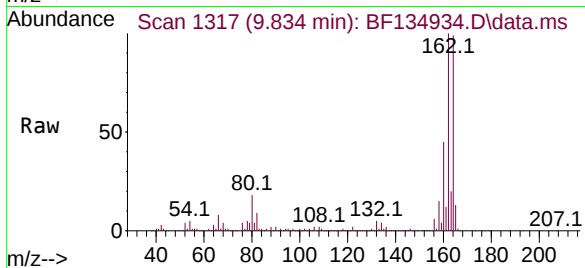
Tgt Ion:164 Resp: 171595

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

160 45.1 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 34.239 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

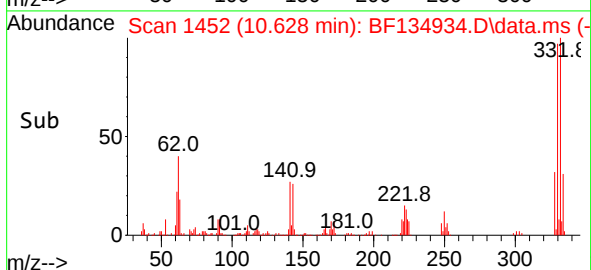
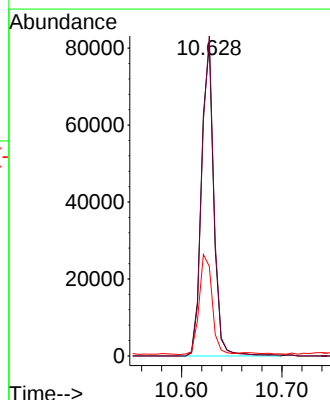
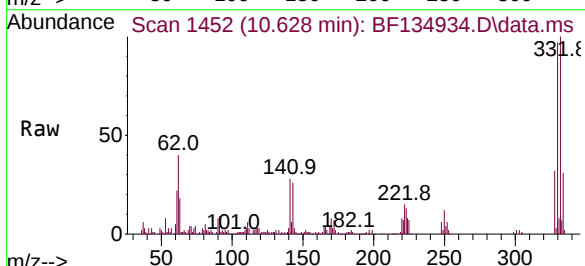
Tgt Ion:330 Resp: 69195

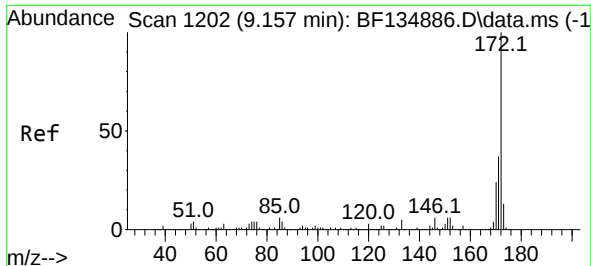
Ion Ratio Lower Upper

330 100

332 100.2 76.3 114.5

141 33.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 27.202 ng

RT: 9.151 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

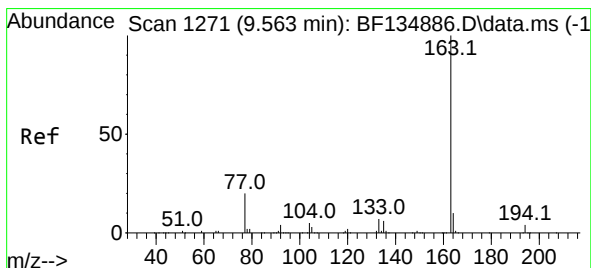
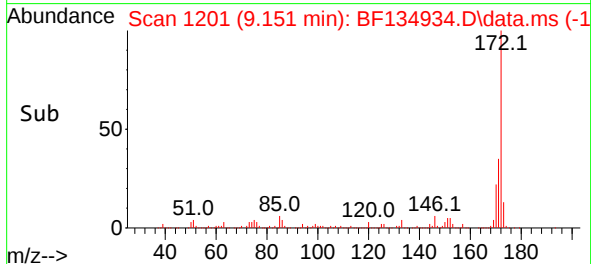
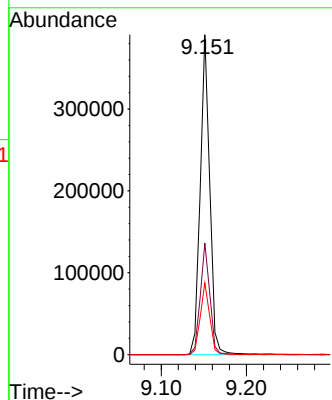
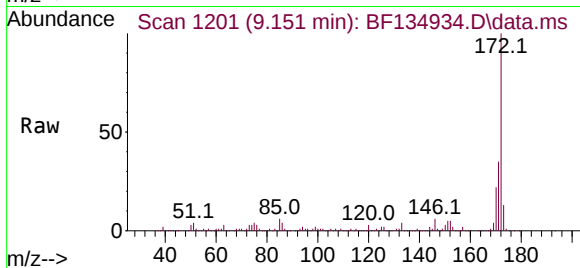
Tgt Ion:172 Resp: 301943

Ion Ratio Lower Upper

172 100

171 34.9 29.4 44.0

170 22.4 19.6 29.4



#50

Dimethylphthalate

Concen: 2.813 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.271 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

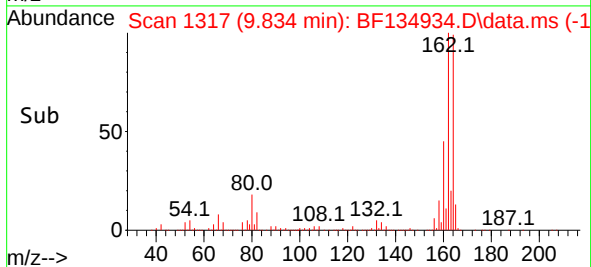
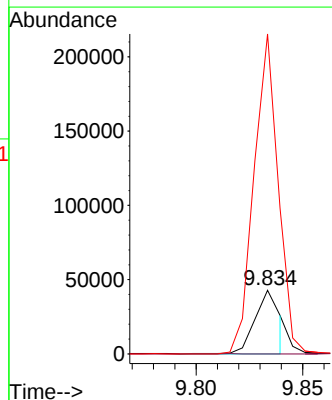
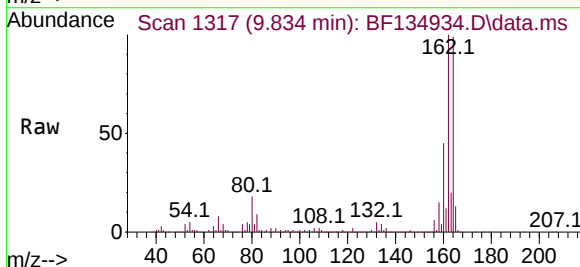
Tgt Ion:163 Resp: 34364

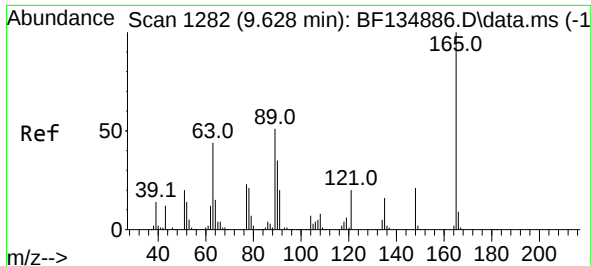
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 503.5 8.2 12.4#

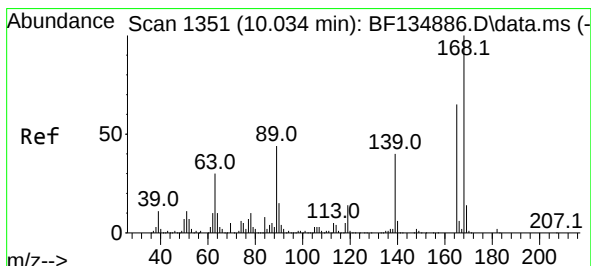
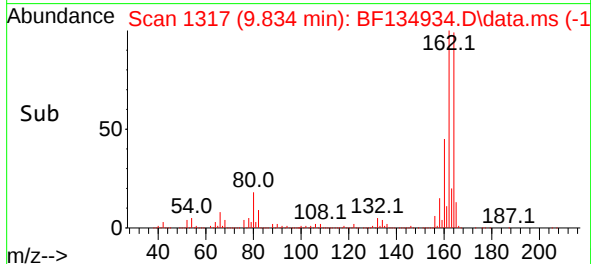
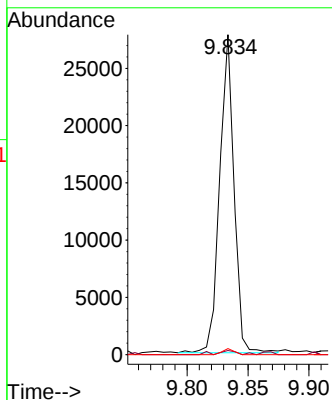
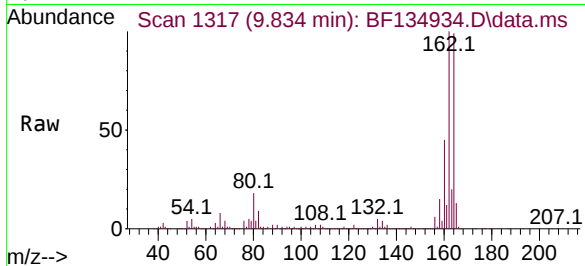




#51
2,6-Dinitrotoluene
Concen: 8.444 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

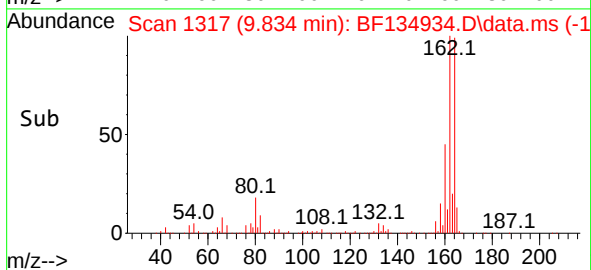
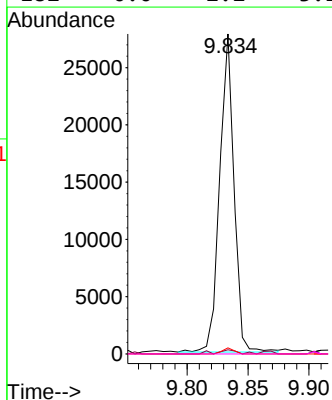
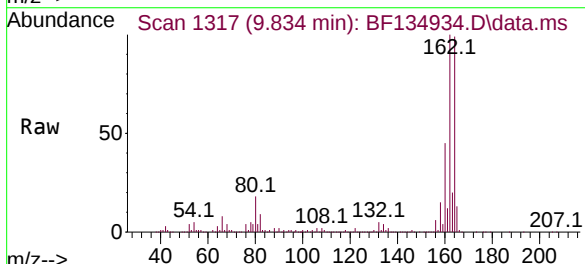
Instrument :
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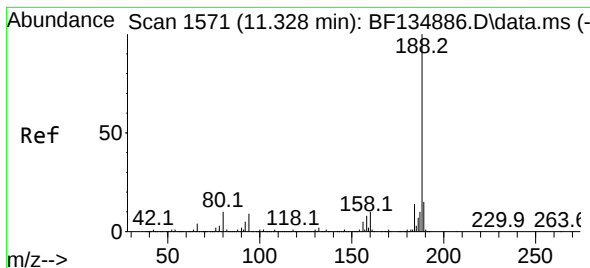
Tgt Ion:165 Resp: 22749
Ion Ratio Lower Upper
165 100
63 1.3 41.4 62.2#
89 1.9 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF134934.D
Acq: 24 Aug 2023 20:27

Tgt Ion:165 Resp: 22749
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.9 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2

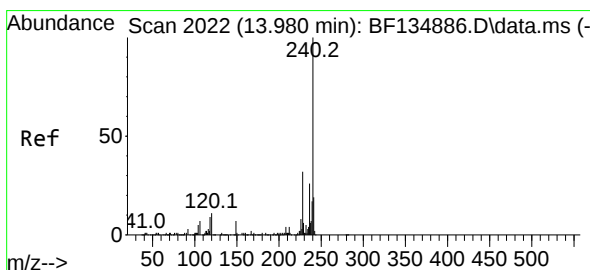
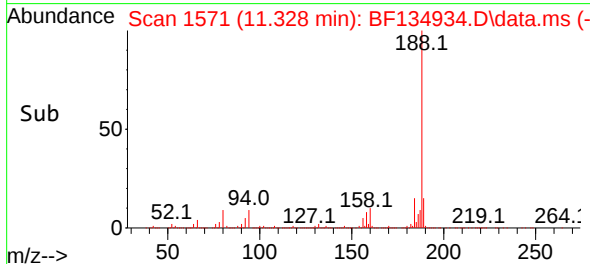
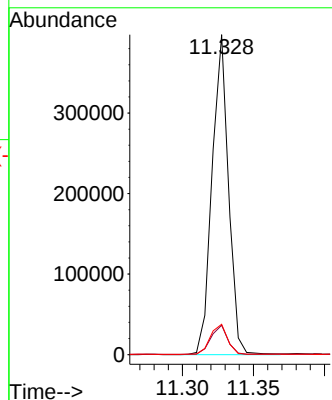
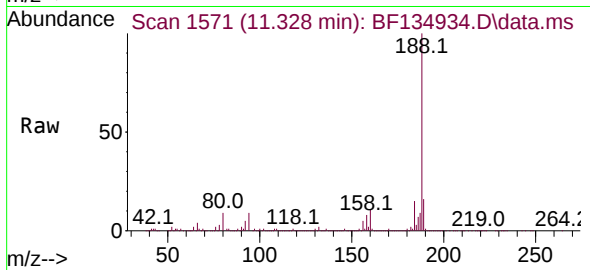
Tgt Ion:188 Resp: 318919

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.5 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF134934.D

Acq: 24 Aug 2023 20:27

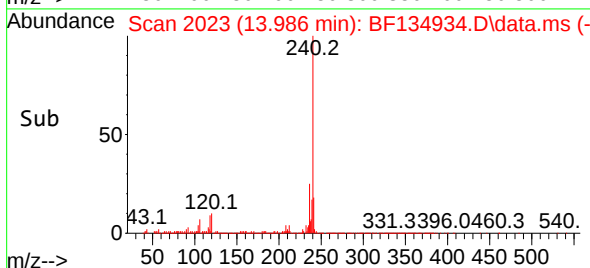
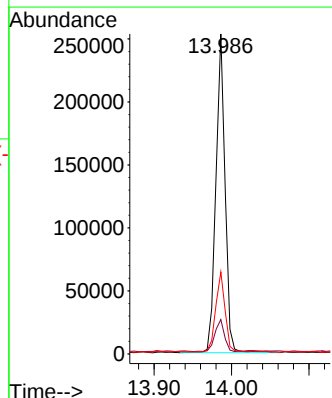
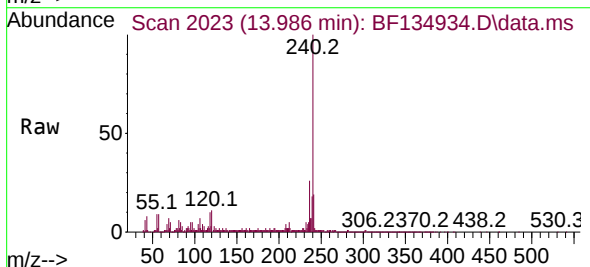
Tgt Ion:240 Resp: 207930

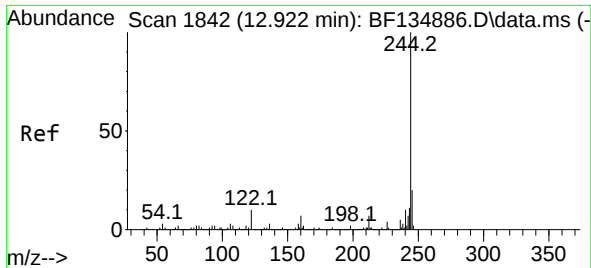
Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.6 20.6 31.0

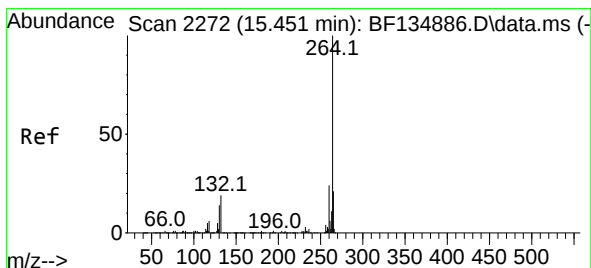
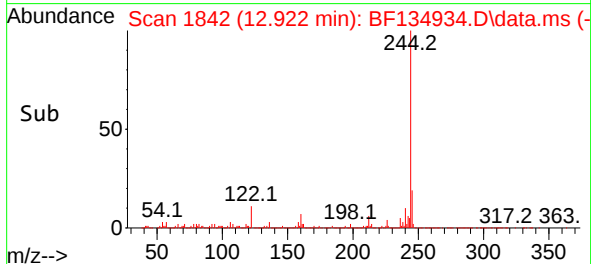
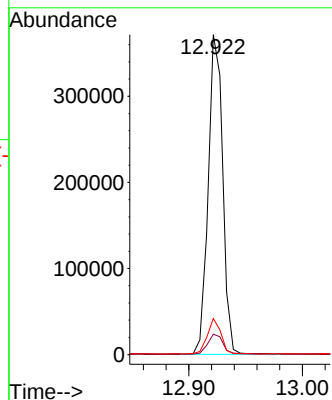
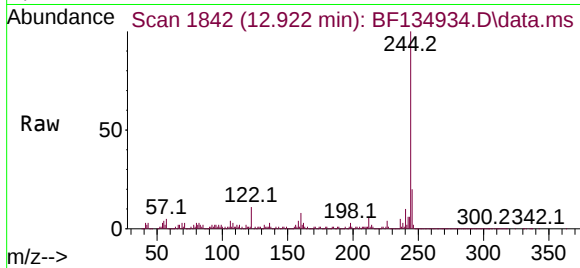




#79
 Terphenyl-d14
 Concen: 21.818 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134934.D
 Acq: 24 Aug 2023 20:27

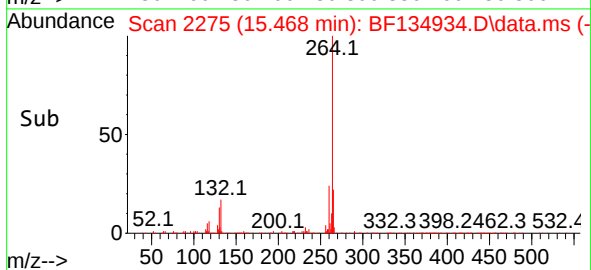
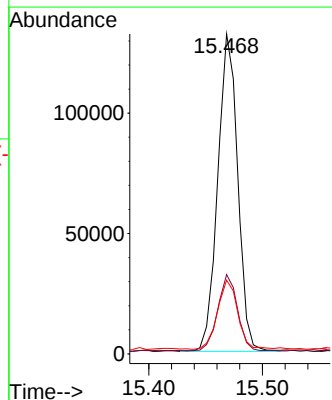
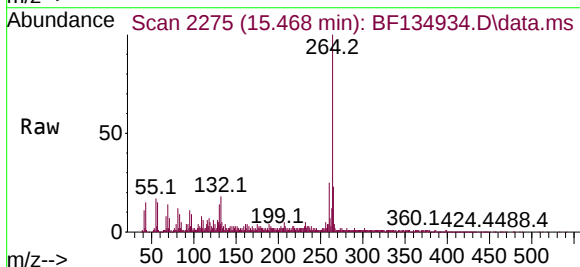
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

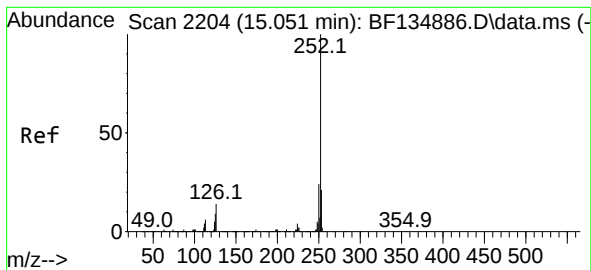
Tgt Ion:244 Resp: 329843
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 11.3 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.018 min
 Lab File: BF134934.D
 Acq: 24 Aug 2023 20:27

Tgt Ion:264 Resp: 161257
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 23.0 17.1 25.7





#89

Benzo(k)fluoranthene

Concen: 2.003 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.018 min

Lab File: BF134934.D

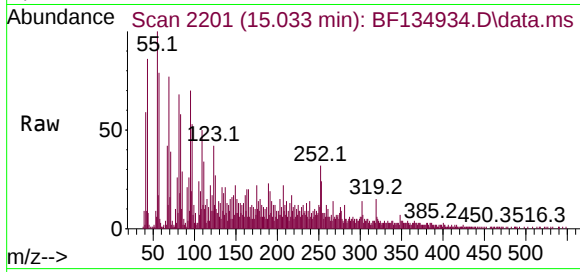
Acq: 24 Aug 2023 20:27

Instrument :

BNA_F

ClientSampleId :

TP-2



Tgt Ion:252 Resp: 17894

Ion Ratio Lower Upper

252 100

253 76.0 17.1 25.7#

125 83.0 8.0 12.0#

