

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132015.D
 Acq On : 11 Jan 2023 01:14
 Operator : CG\JU
 Sample : 01083-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-010923

Quant Time: Jan 11 02:41:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

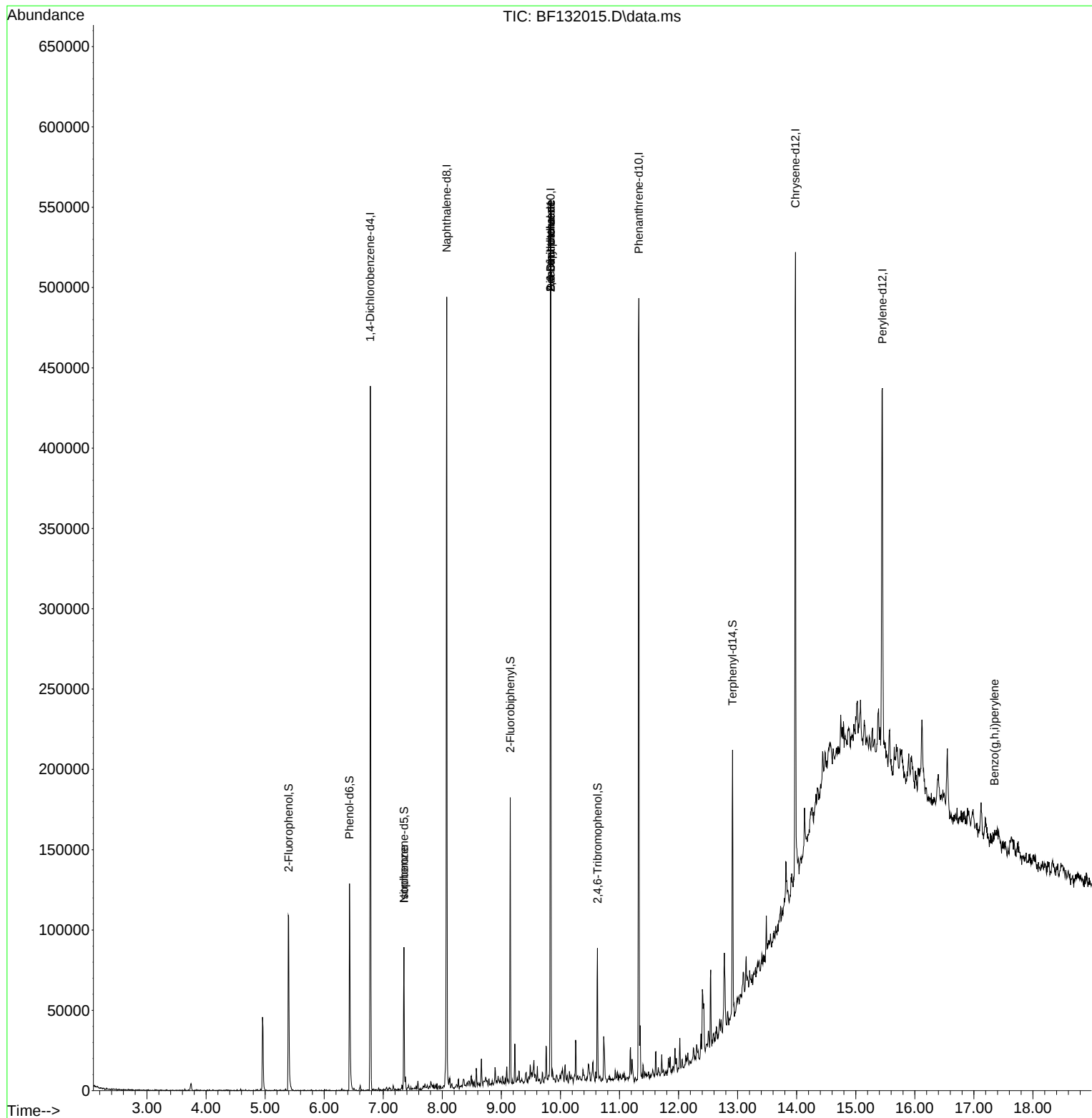
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58376	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	186627	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	93209	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	177796	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	128031	20.000	ng	0.00
86) Perylene-d12	15.451	264	99938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	33457	9.444	ng	0.00
7) Phenol-d6	6.428	99	41326	8.798	ng	0.00
23) Nitrobenzene-d5	7.351	82	26190	5.824	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	8285	7.731	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	44007	6.374	ng	-0.01
79) Terphenyl-d14	12.915	244	50364	5.638	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.351	82	25515	3.037	ng	# 69
50) Dimethylphthalate	9.833	163	19584	2.695	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	11947	7.818	ng	# 23
57) 2,4-Dinitrotoluene	9.833	165	11947	5.848	ng	# 13
92) Benzo(g,h,i)perylene	17.350	276	2626	3.967	ng	# 43

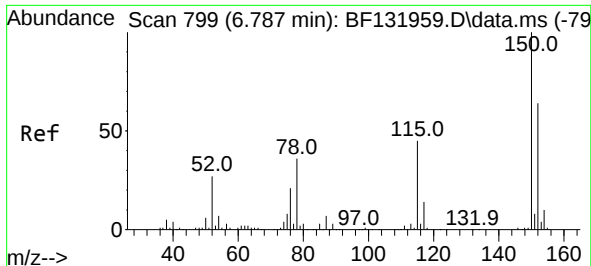
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
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Misc :
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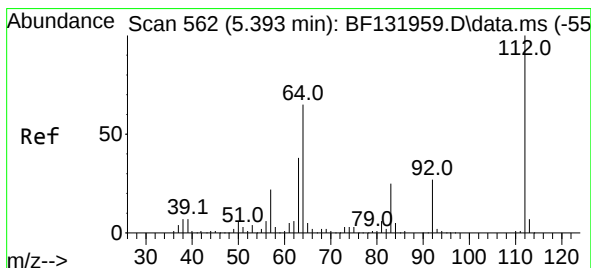
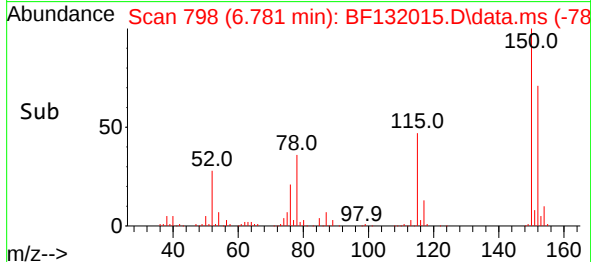
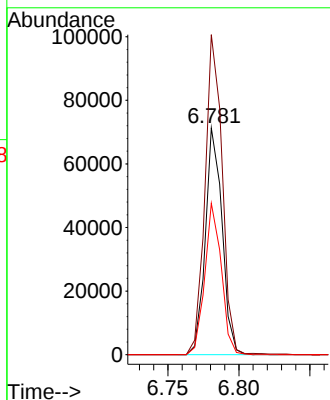
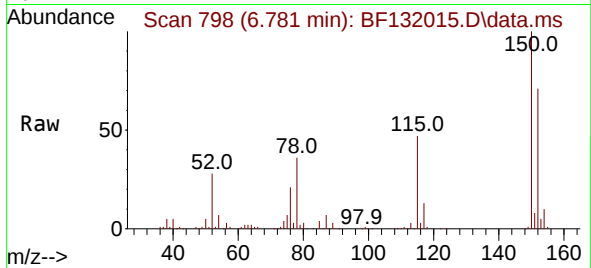




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

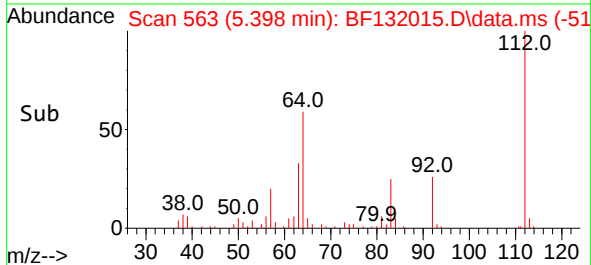
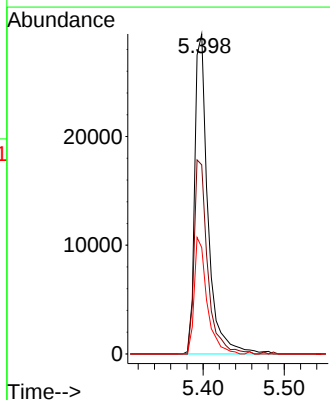
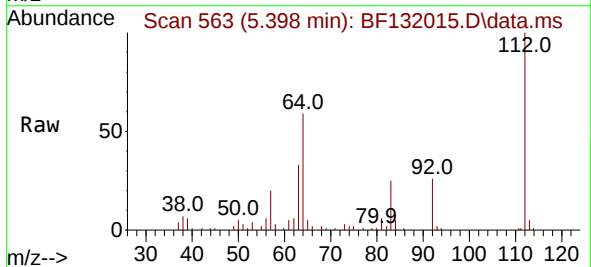
Instrument :
BNA_F
ClientSampleId :
OK-01-010923

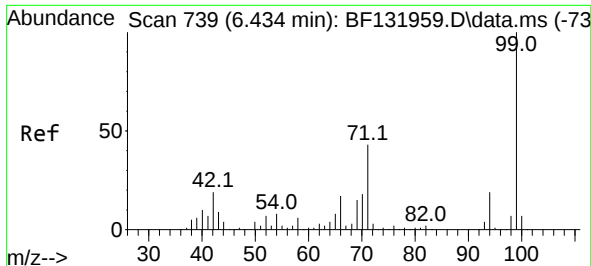
Tgt Ion:152 Resp: 58376
Ion Ratio Lower Upper
152 100
150 141.1 124.6 186.8
115 66.7 55.6 83.4



#5
2-Fluorophenol
Concen: 9.444 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

Tgt Ion:112 Resp: 33457
Ion Ratio Lower Upper
112 100
64 59.1 51.9 77.9
63 33.3 30.2 45.2

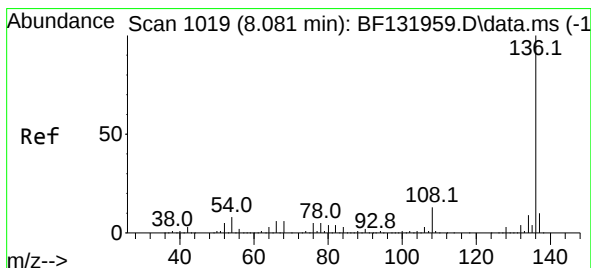
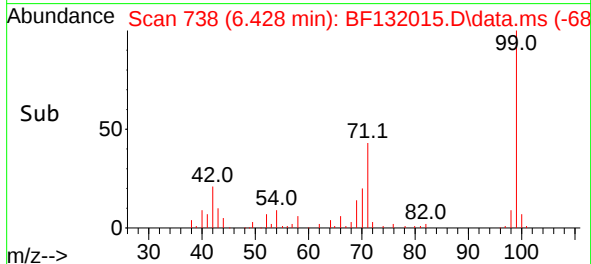
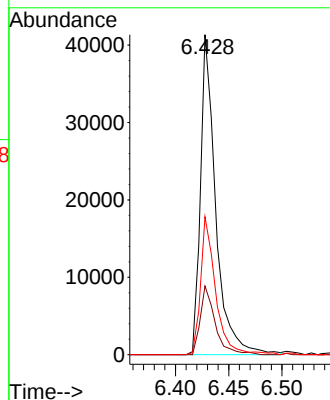
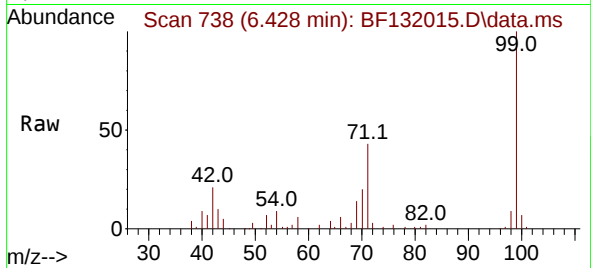




#7
Phenol-d6
Concen: 8.798 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

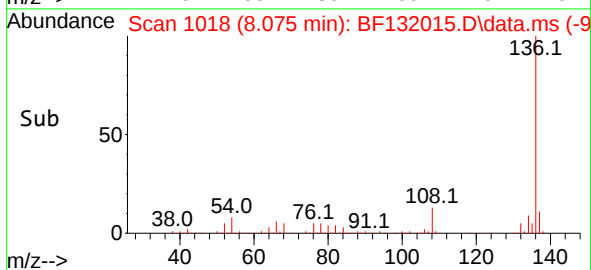
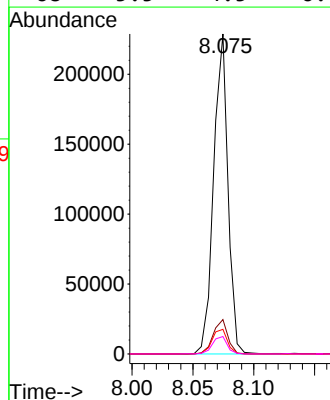
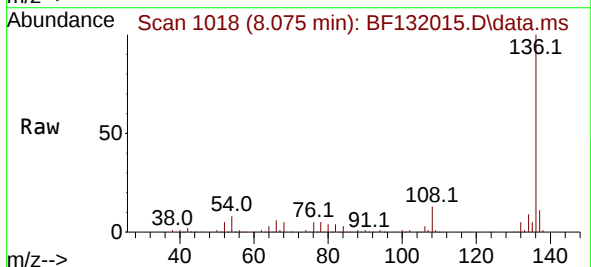
Instrument :
BNA_F
ClientSampleId :
OK-01-010923

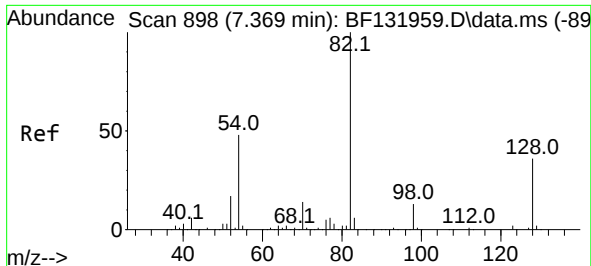
Tgt Ion: 99 Resp: 41326
Ion Ratio Lower Upper
99 100
42 21.4 15.4 23.2
71 43.1 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

Tgt Ion: 136 Resp: 186627
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 7.7 6.6 9.8
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 5.824 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF132015.D

Acq: 11 Jan 2023 01:14

Instrument :

BNA_F

ClientSampleId :

OK-01-010923

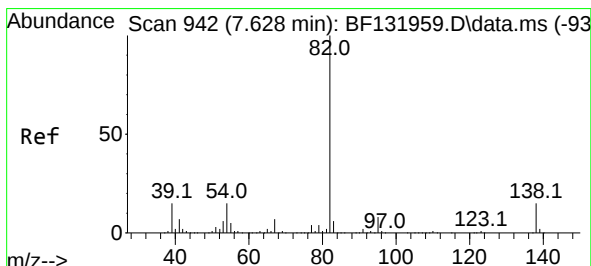
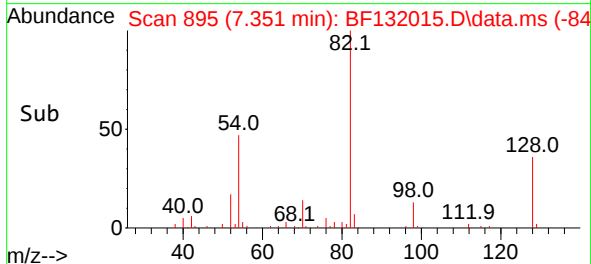
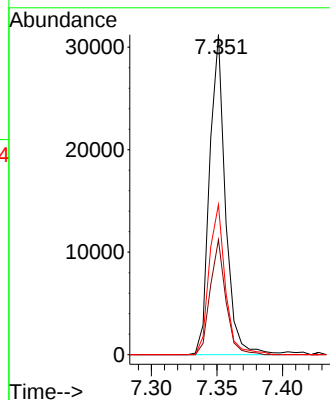
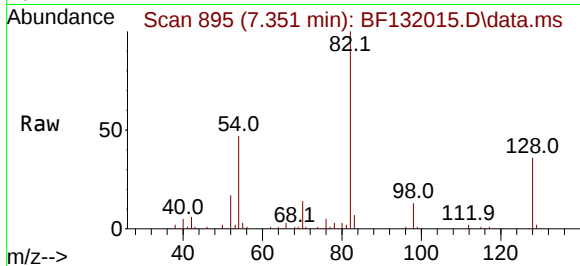
Tgt Ion: 82 Resp: 26190

Ion Ratio Lower Upper

82 100

128 35.9 28.7 43.1

54 46.9 38.1 57.1



#25

Isophorone

Concen: 3.037 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.277 min

Lab File: BF132015.D

Acq: 11 Jan 2023 01:14

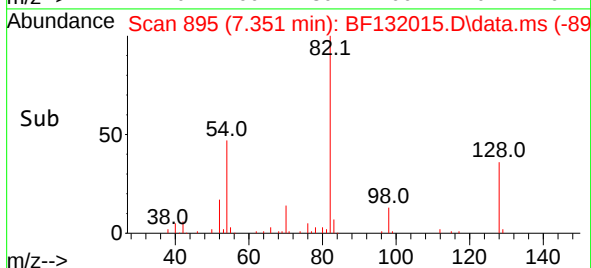
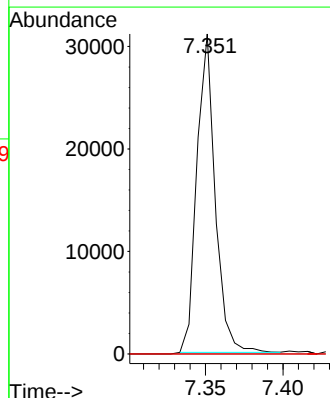
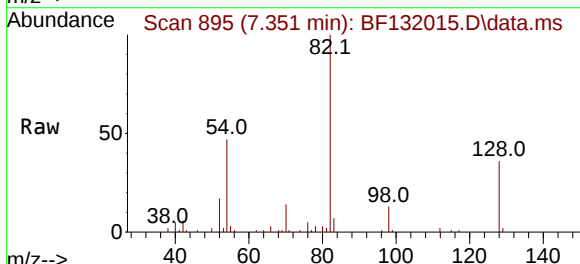
Tgt Ion: 82 Resp: 25515

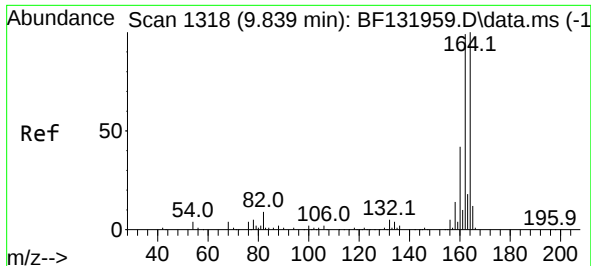
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 11.9 17.9#

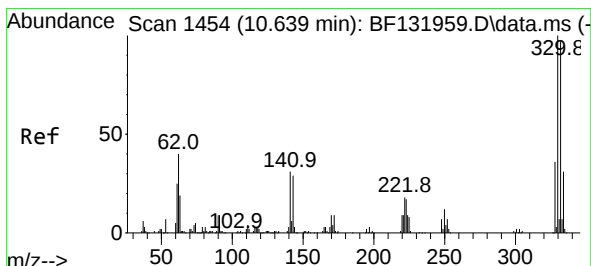
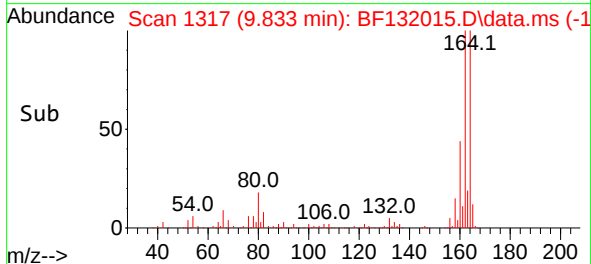
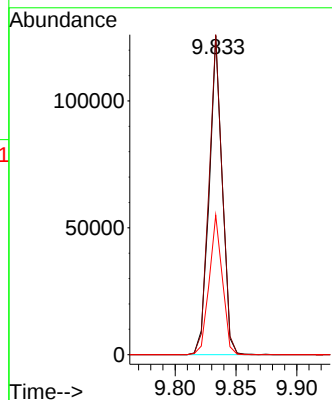
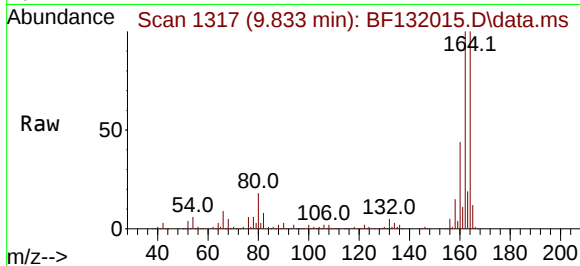




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

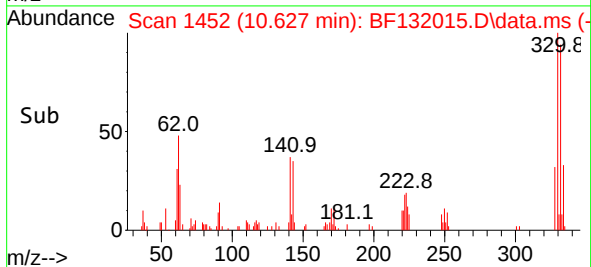
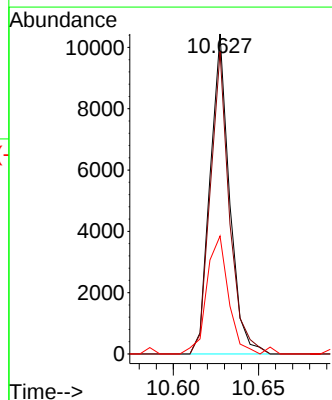
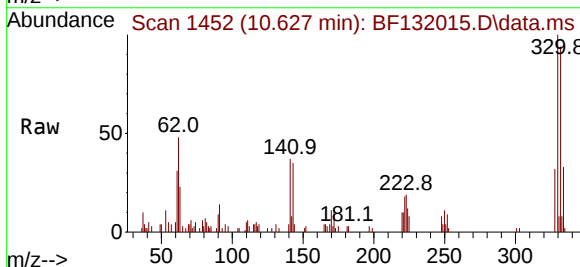
Instrument :
BNA_F
ClientSampleId :
OK-01-010923

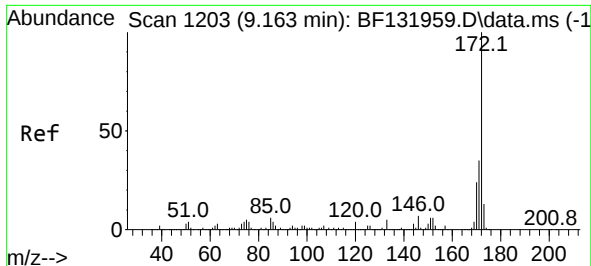
Tgt Ion:164 Resp: 93209
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 43.7 33.9 50.9



#42
2,4,6-Tribromophenol
Concen: 7.731 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

Tgt Ion:330 Resp: 8285
Ion Ratio Lower Upper
330 100
332 93.0 76.9 115.3
141 41.1 31.3 46.9

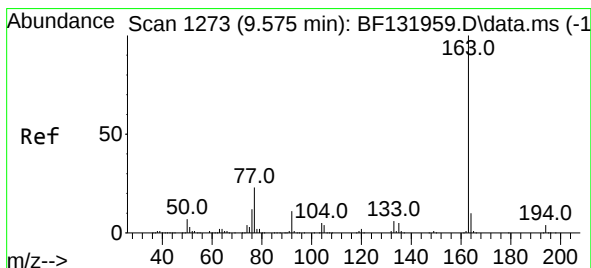
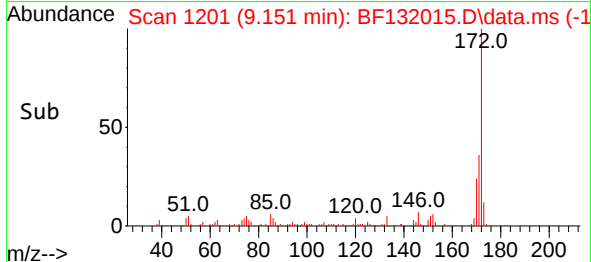
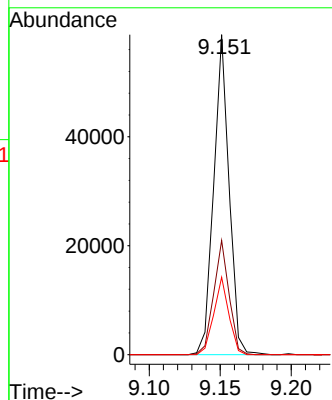
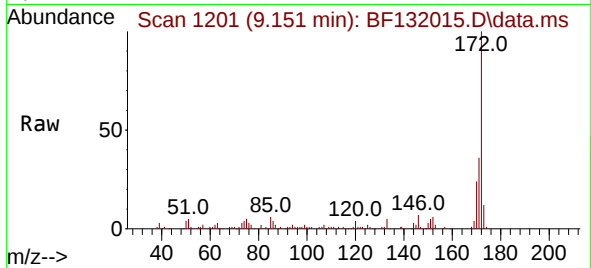




#45
2-Fluorobiphenyl
Concen: 6.374 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

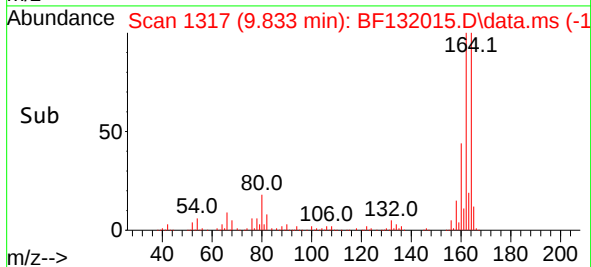
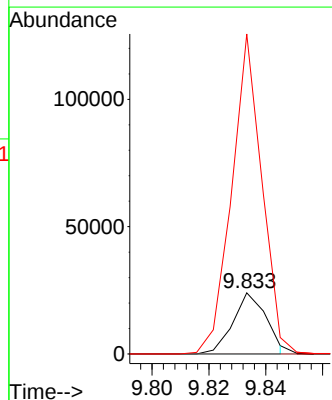
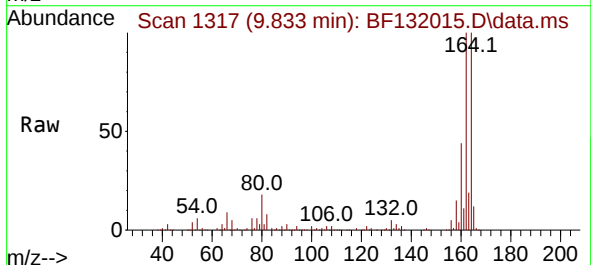
Instrument :
BNA_F
ClientSampleId :
OK-01-010923

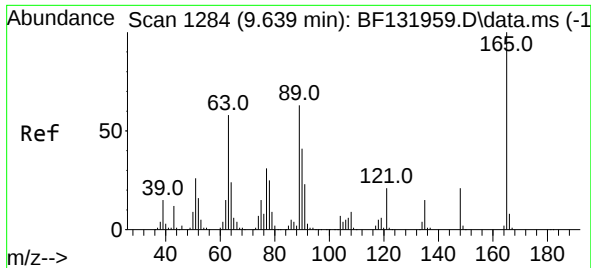
Tgt Ion:172 Resp: 44007
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.2 18.9 28.3



#50
Dimethylphthalate
Concen: 2.695 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

Tgt Ion:163 Resp: 19584
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 524.0 7.8 11.6#

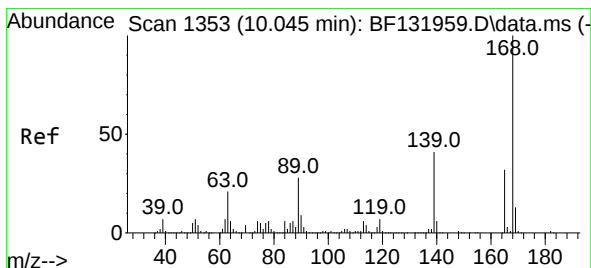
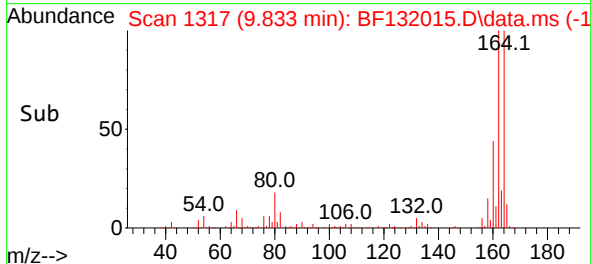
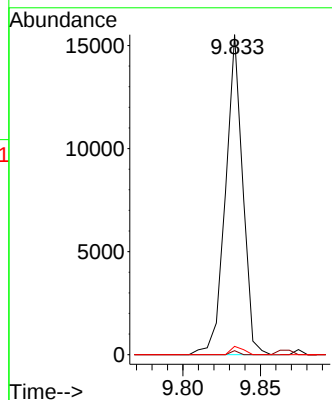
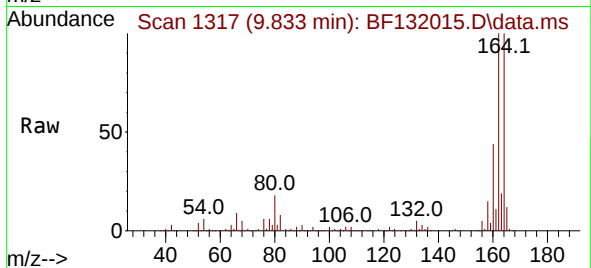




#51
2,6-Dinitrotoluene
Concen: 7.818 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

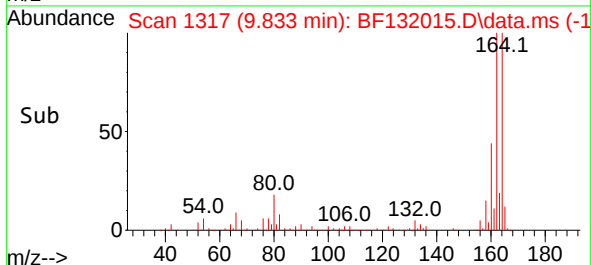
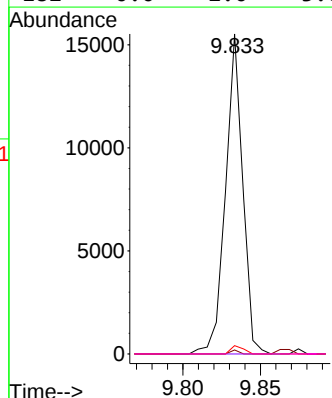
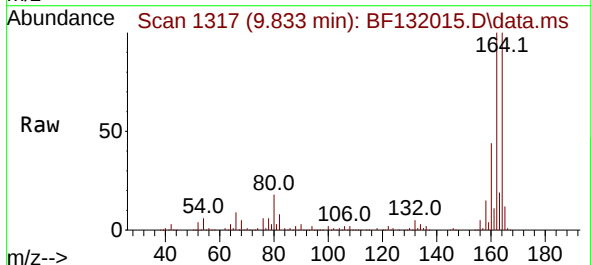
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OK-01-010923

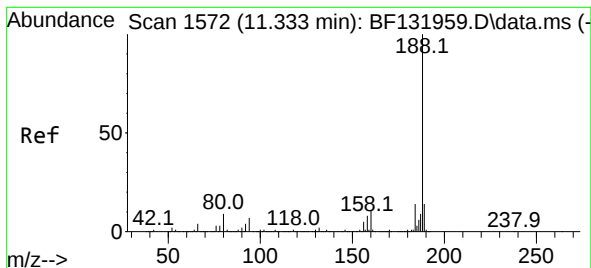
Tgt Ion:165 Resp: 11947
Ion Ratio Lower Upper
165 100
63 1.2 47.4 71.0#
89 2.6 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.212 min
Lab File: BF132015.D
Acq: 11 Jan 2023 01:14

Tgt Ion:165 Resp: 11947
Ion Ratio Lower Upper
165 100
63 1.2 53.2 79.8#
89 2.6 71.2 106.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132015.D

Acq: 11 Jan 2023 01:14

Instrument :

BNA_F

ClientSampleId :

OK-01-010923

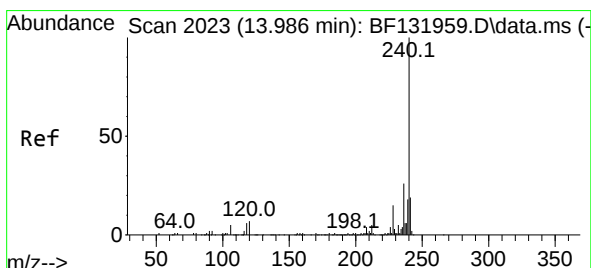
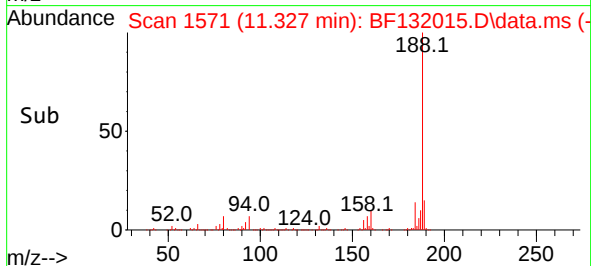
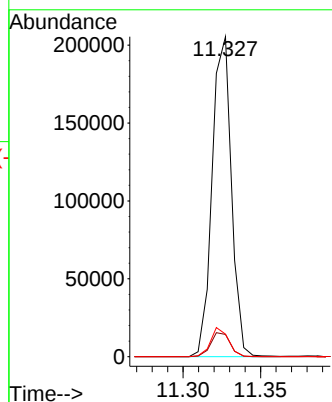
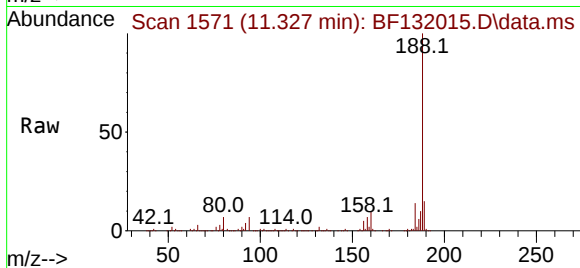
Tgt Ion:188 Resp: 177796

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.1 7.4 11.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF132015.D

Acq: 11 Jan 2023 01:14

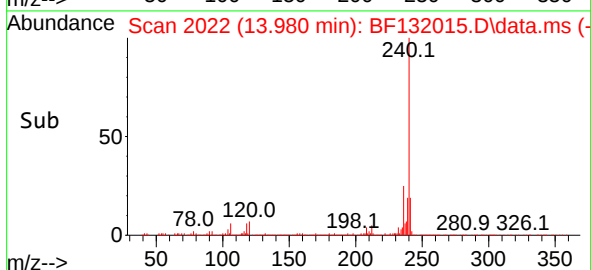
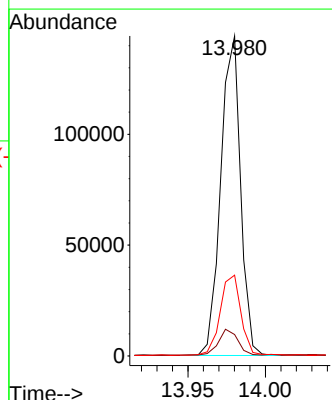
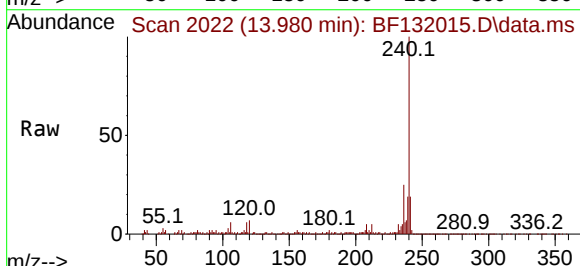
Tgt Ion:240 Resp: 128031

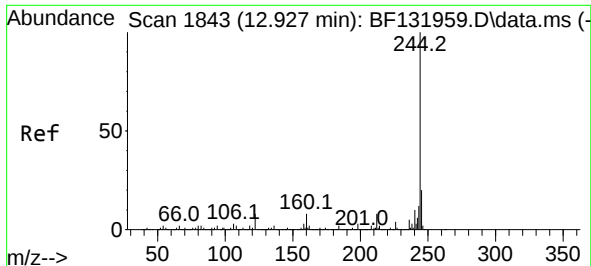
Ion Ratio Lower Upper

240 100

120 6.7 5.4 8.0

236 25.3 21.1 31.7

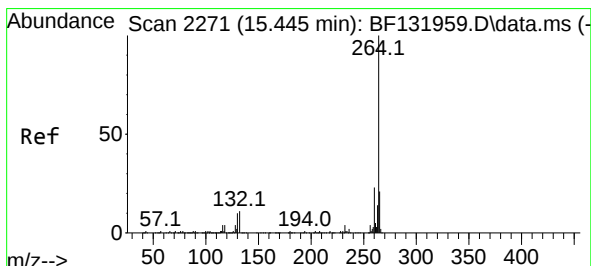
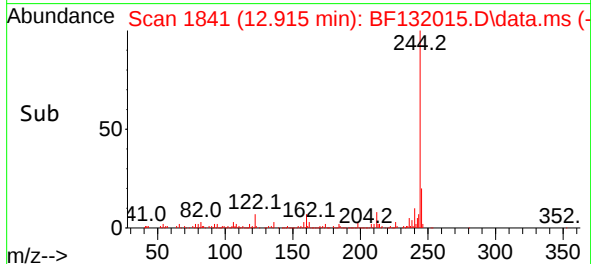
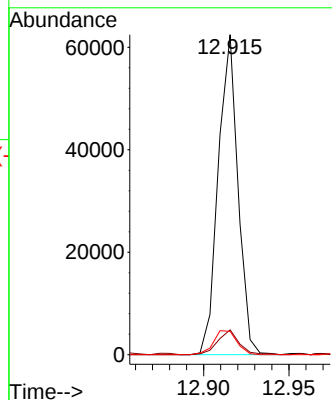
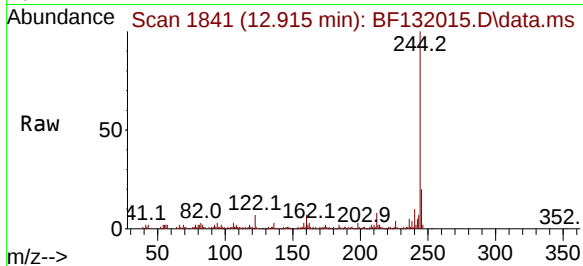




#79
 Terphenyl-d14
 Concen: 5.638 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF132015.D
 Acq: 11 Jan 2023 01:14

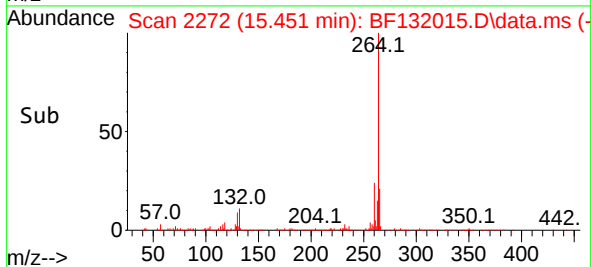
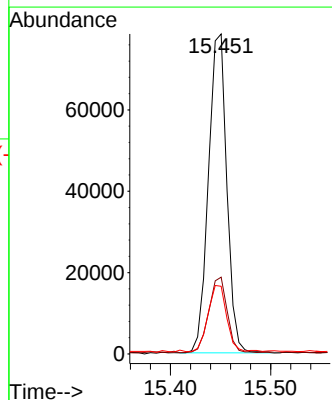
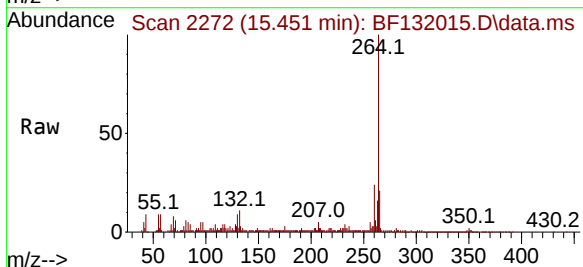
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-010923

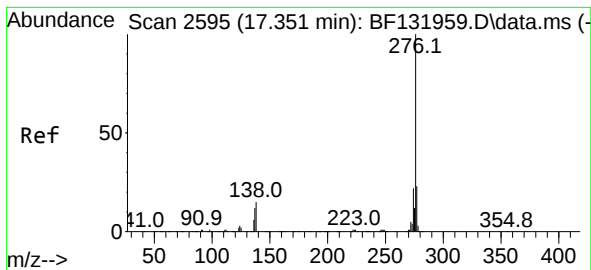
Tgt Ion:244 Resp: 50364
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF132015.D
 Acq: 11 Jan 2023 01:14

Tgt Ion:264 Resp: 99938
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.3 27.5
 265 21.2 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.967 ng

RT: 17.350 min Scan# 21

Delta R.T. -0.001 min

Lab File: BF132015.D

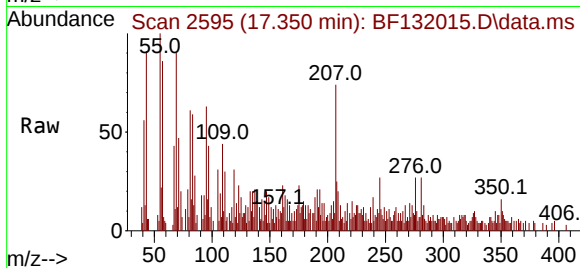
Acq: 11 Jan 2023 01:14

Instrument :

BNA_F

ClientSampleId :

OK-01-010923



Tgt Ion:276 Resp: 2626

Ion Ratio Lower Upper

276 100

277 36.1 18.2 27.2#

138 56.8 11.7 17.5#

