

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132019.D
 Acq On : 11 Jan 2023 11:18
 Operator : CG\JU
 Sample : PB150165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150165BL

Quant Time: Jan 11 14:25:14 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)

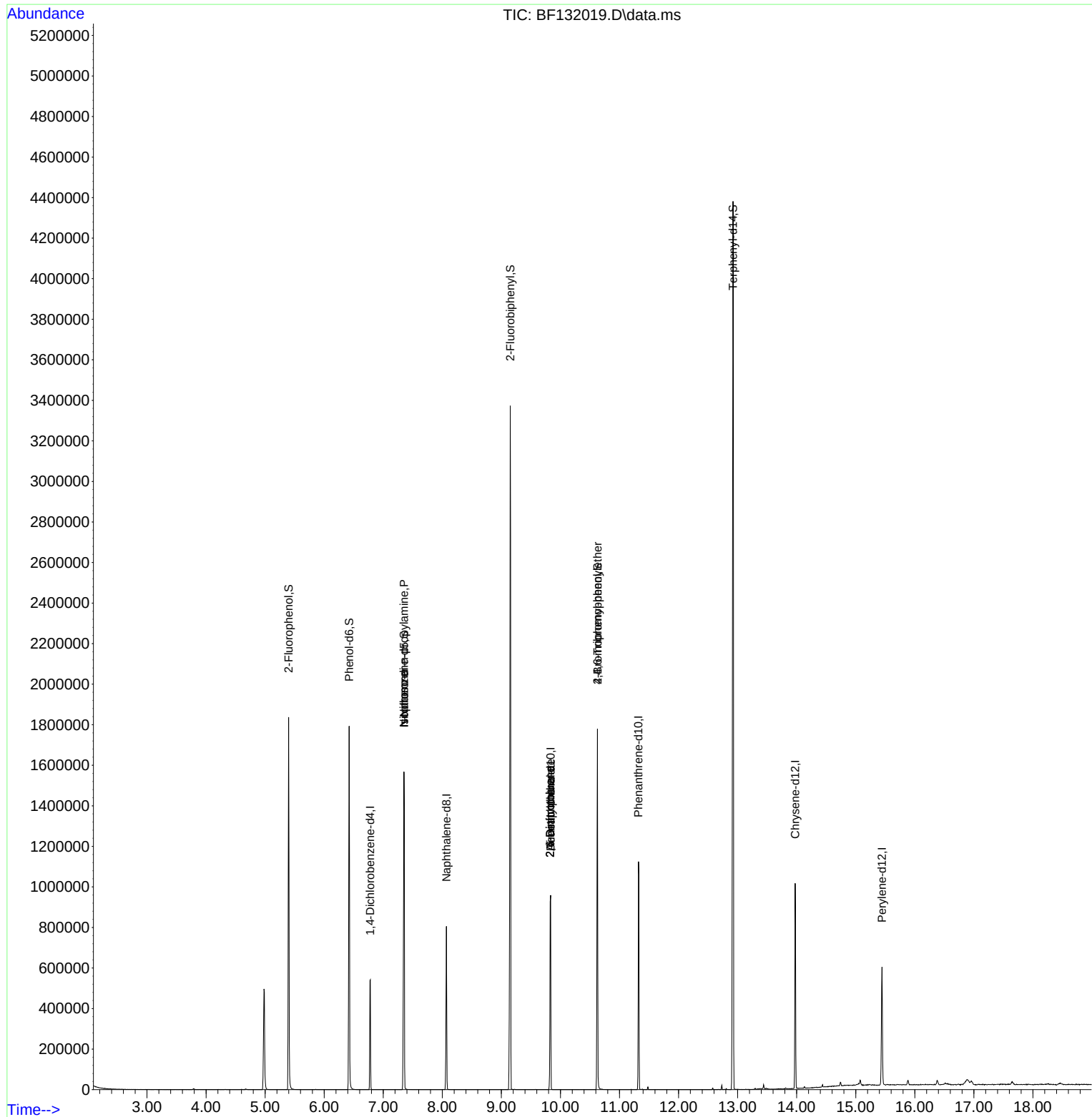
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80027	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	319791	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	207042	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	422926	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	339415	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	250369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	442018	91.013	ng	0.00
7) Phenol-d6	6.422	99	571360	88.730	ng	-0.01
23) Nitrobenzene-d5	7.351	82	616323	79.988	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	183460	77.067	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1144289	74.610	ng	-0.01
79) Terphenyl-d14	12.921	244	1678505	70.879	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	86511	18.572	ng	# 77
25) Isophorone	7.351	82	611776	42.501	ng	# 69
50) Dimethylphthalate	9.833	163	38224	2.368	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	26204	7.720	ng	# 22
57) 2,4-Dinitrotoluene	9.827	165	26204	5.774	ng	# 13
67) 4-Bromophenyl-phenylether	10.627	248	12129	2.293	ng	# 1

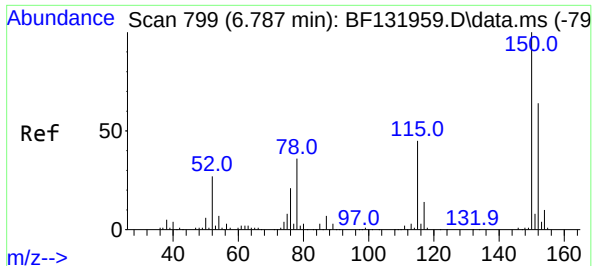
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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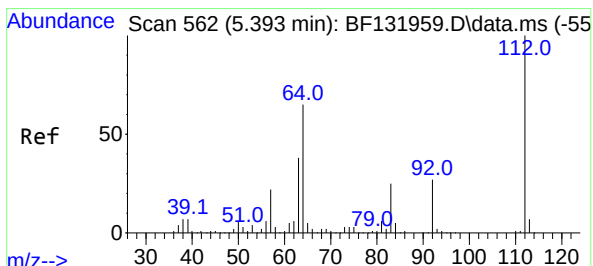
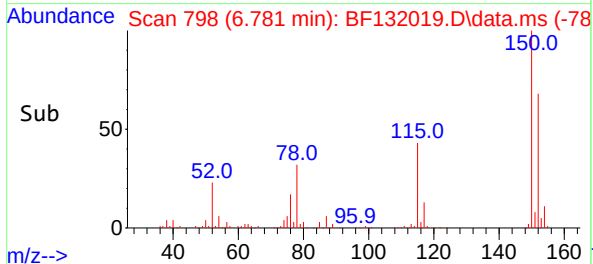
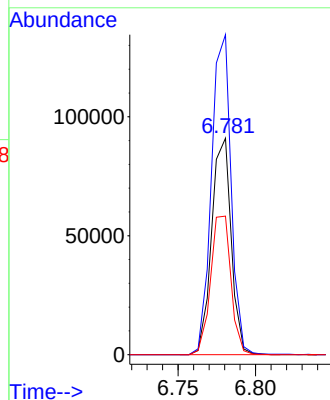
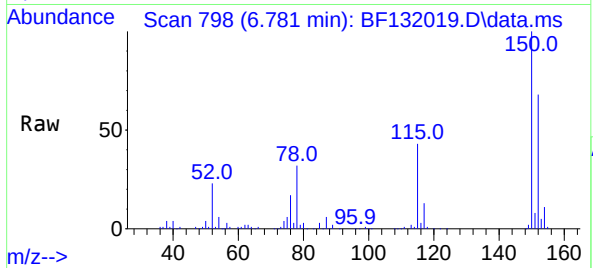




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

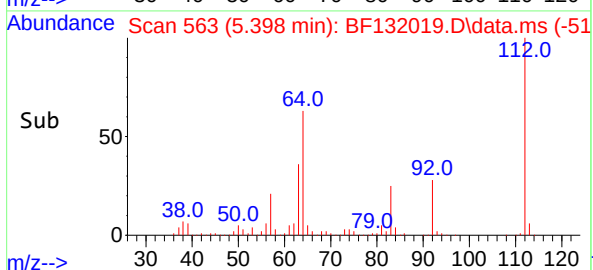
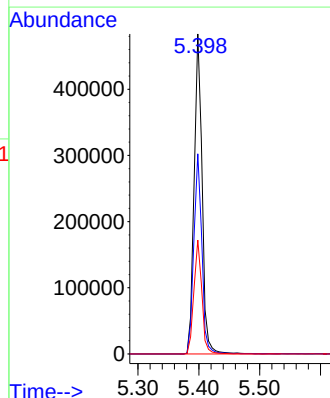
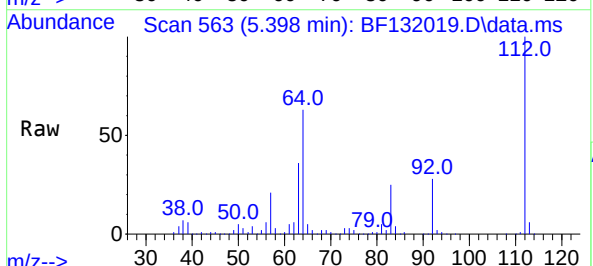
Instrument :
BNA_F
ClientSampleId :
PB150165BL

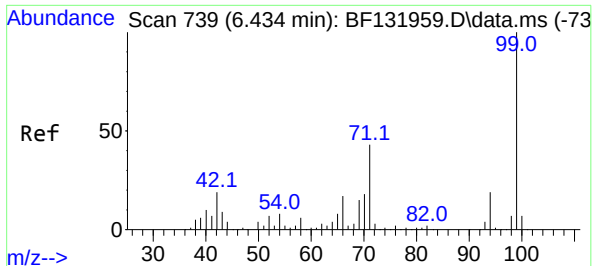
Tgt Ion:152 Resp: 80027
Ion Ratio Lower Upper
152 100
150 147.8 124.6 186.8
115 64.0 55.6 83.4



#5
2-Fluorophenol
Concen: 91.013 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion:112 Resp: 442018
Ion Ratio Lower Upper
112 100
64 62.6 51.9 77.9
63 35.6 30.2 45.2

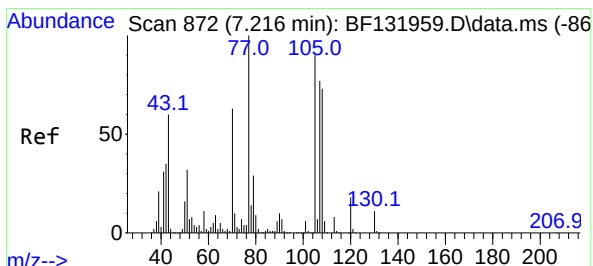
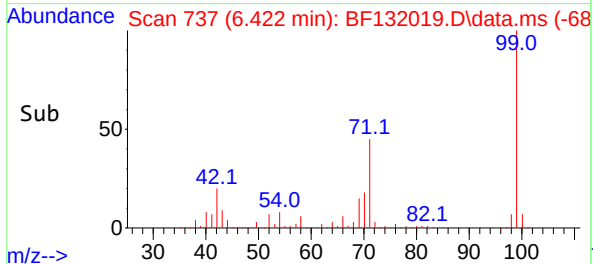
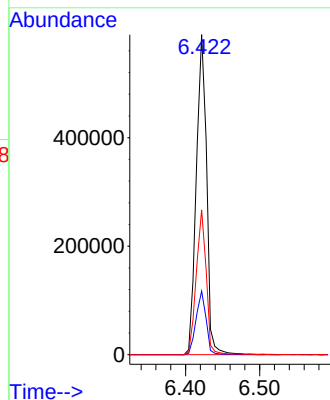
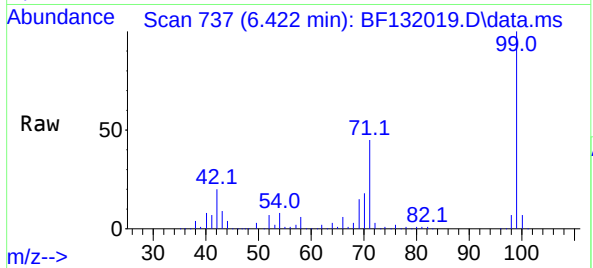




#7
Phenol-d6
Concen: 88.730 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

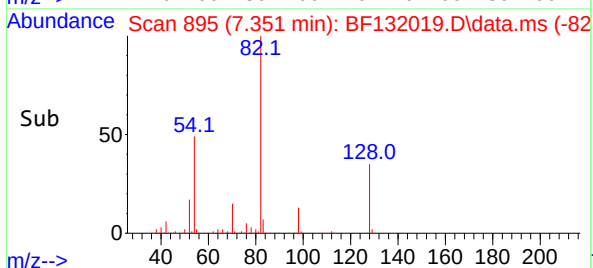
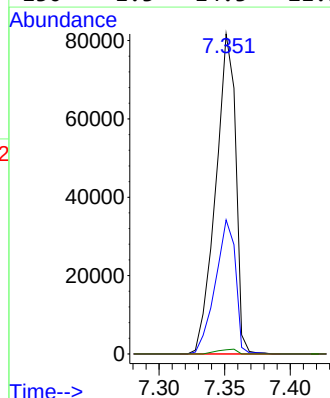
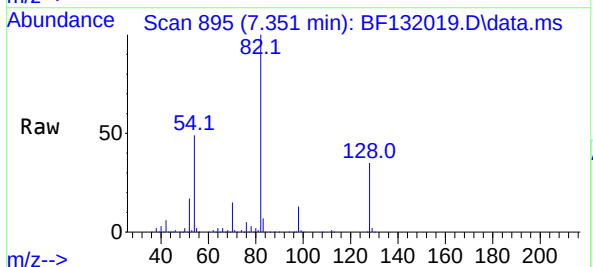
Instrument :
BNA_F
ClientSampleId :
PB150165BL

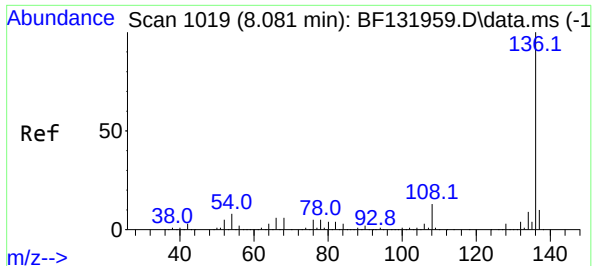
Tgt Ion: 99 Resp: 571360
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.2
71 45.3 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.572 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion: 70 Resp: 86511
Ion Ratio Lower Upper
70 100
42 41.9 44.3 66.5#
101 0.0 7.5 11.3#
130 1.3 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB150165BL

Tgt Ion:136 Resp: 319791

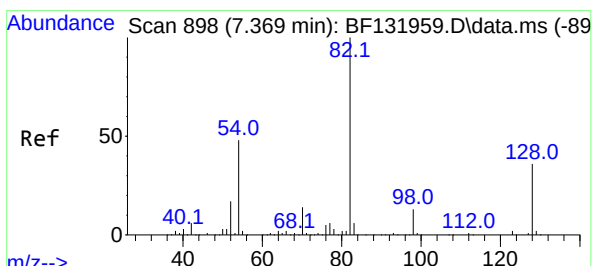
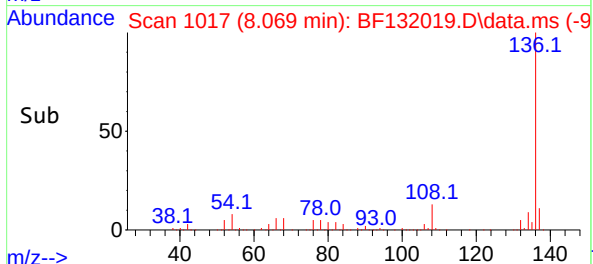
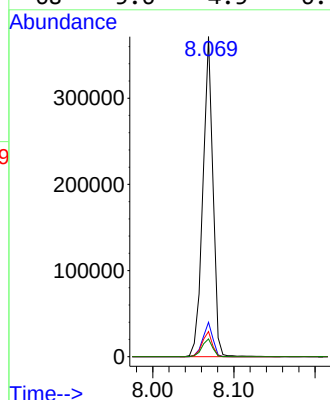
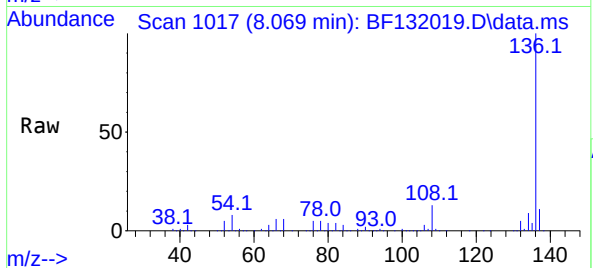
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 7.8 6.6 9.8

68 5.6 4.5 6.7



#23

Nitrobenzene-d5

Concen: 79.988 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

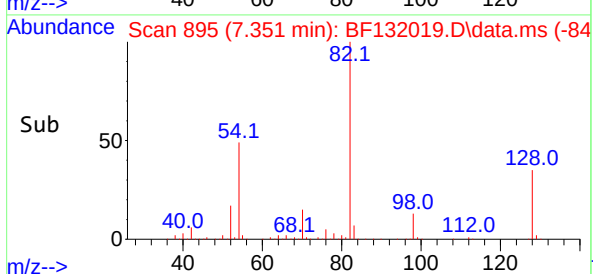
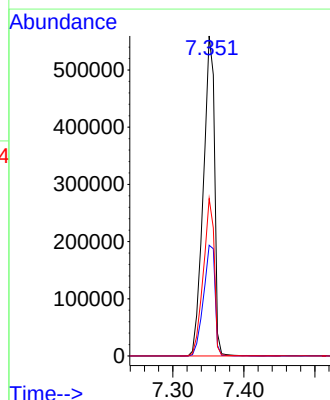
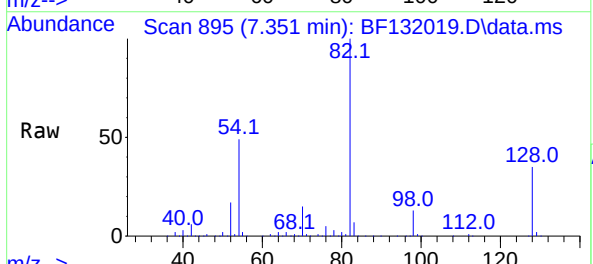
Tgt Ion: 82 Resp: 616323

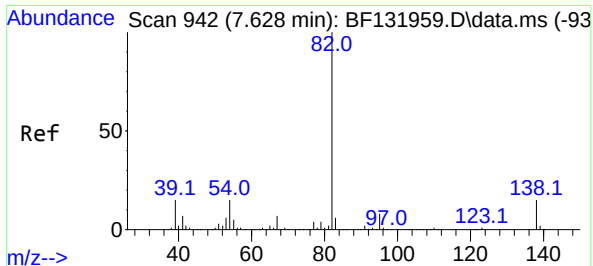
Ion Ratio Lower Upper

82 100

128 34.6 28.7 43.1

54 49.2 38.1 57.1

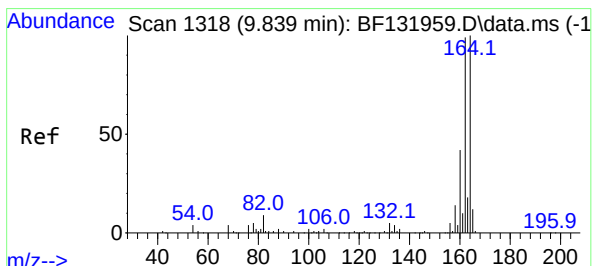
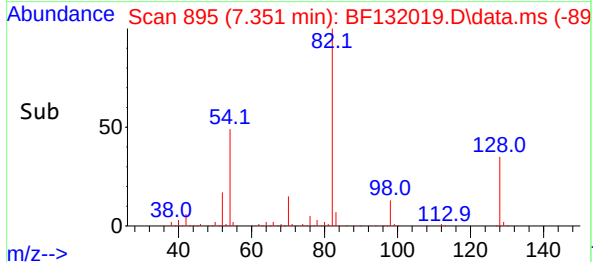
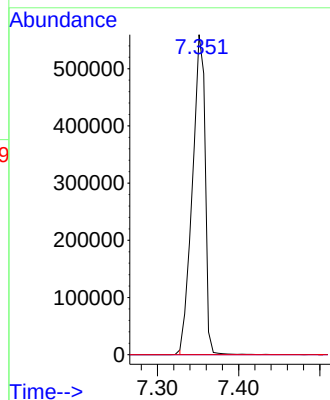
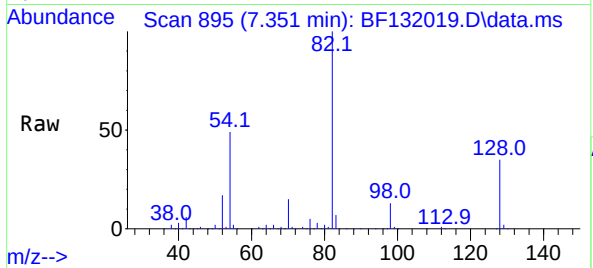




#25
Isophorone
Concen: 42.501 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

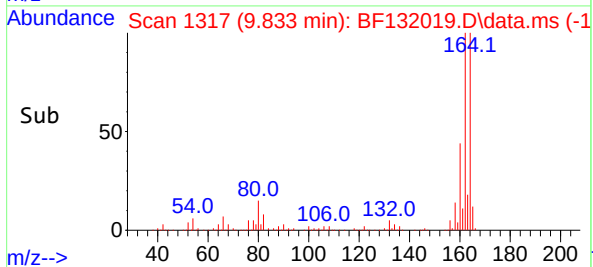
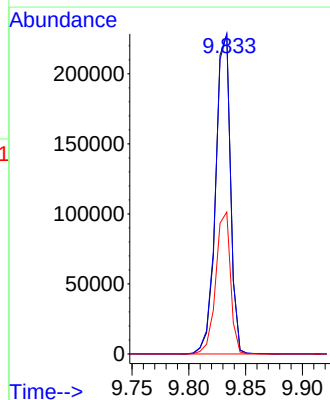
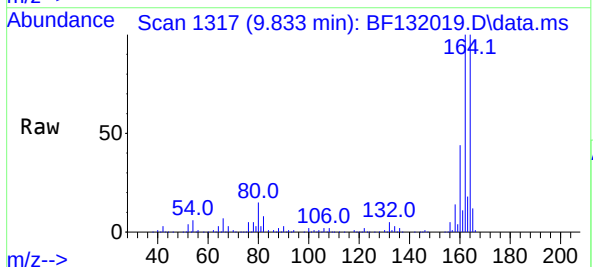
Instrument :
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ClientSampleId :
PB150165BL

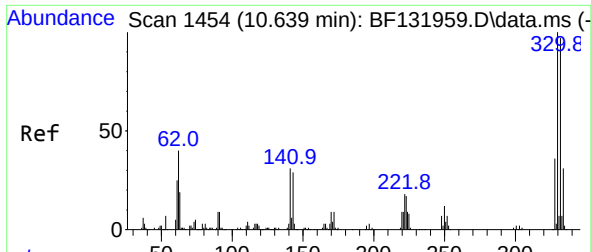
Tgt Ion: 82 Resp: 611776
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion: 164 Resp: 207042
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 77.067 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB150165BL

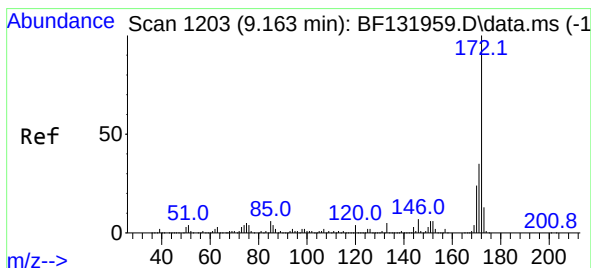
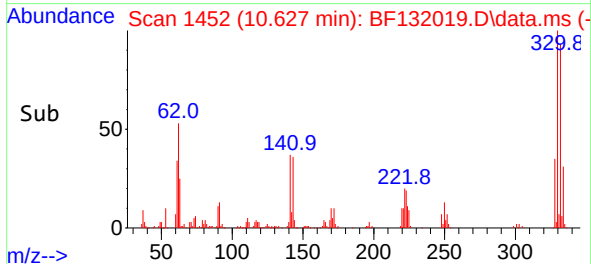
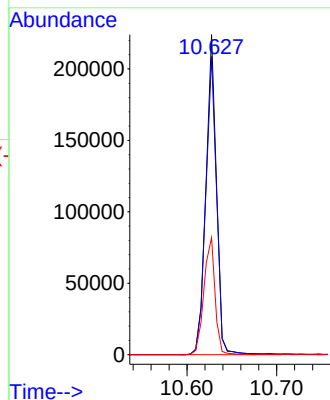
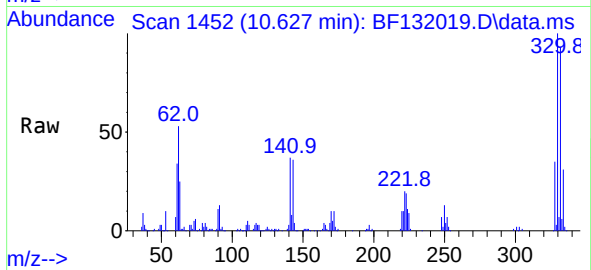
Tgt Ion:330 Resp: 183460

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 38.5 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 74.610 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

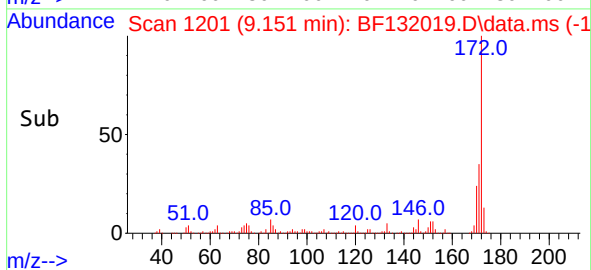
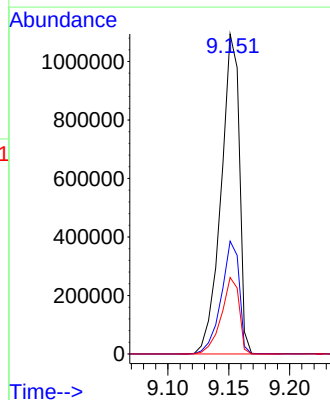
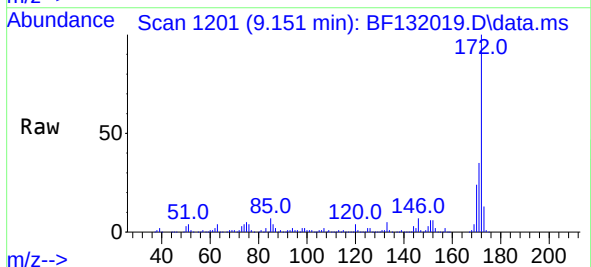
Tgt Ion:172 Resp: 1144289

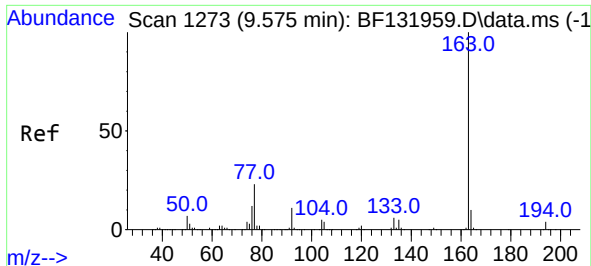
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.9 18.9 28.3

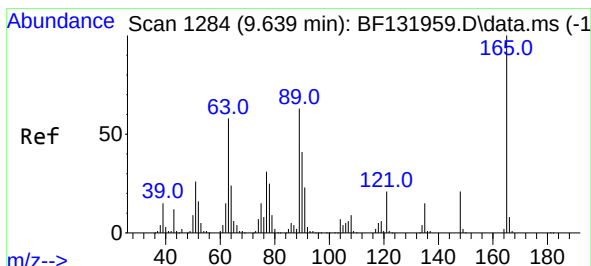
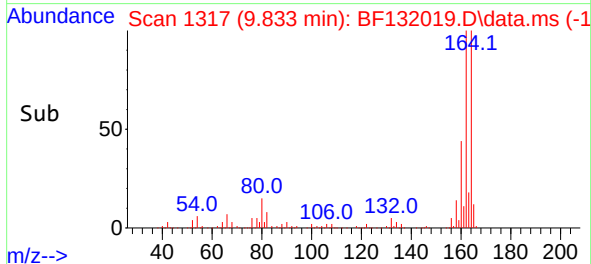
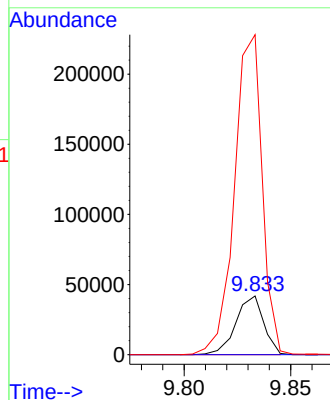
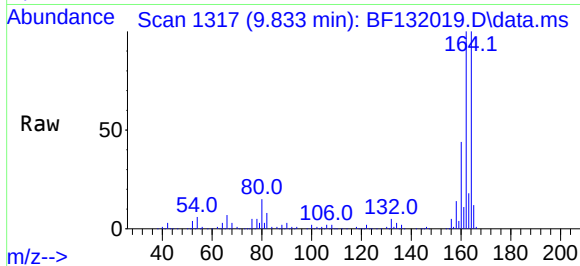




#50
Dimethylphthalate
Concen: 2.368 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

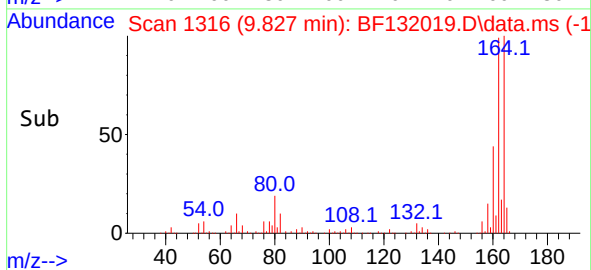
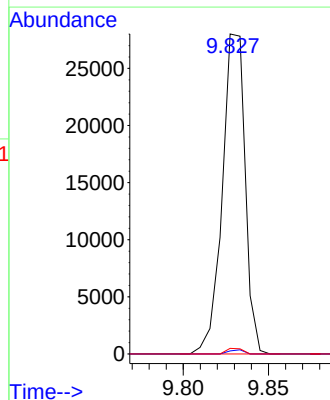
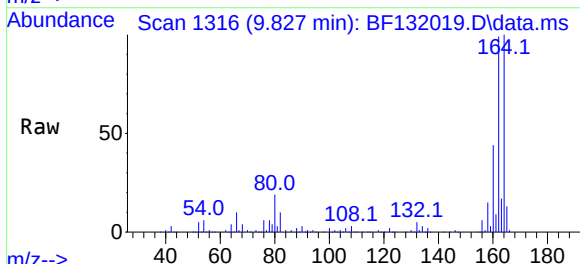
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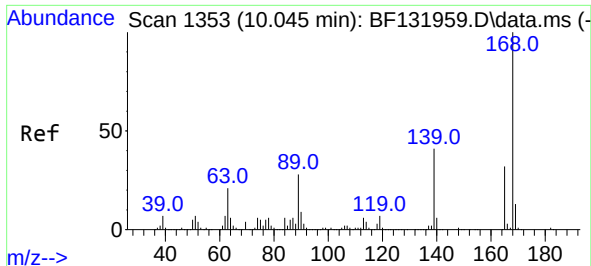
Tgt Ion:163 Resp: 38224
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 545.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.720 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.188 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion:165 Resp: 26204
Ion Ratio Lower Upper
165 100
63 1.0 47.4 71.0#
89 1.8 50.2 75.2#

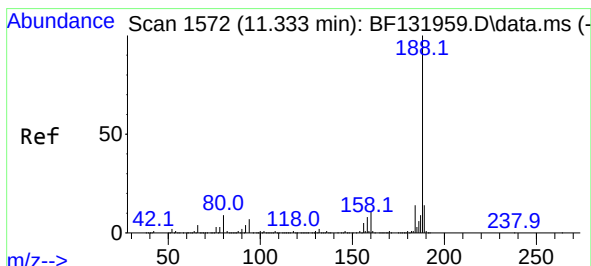
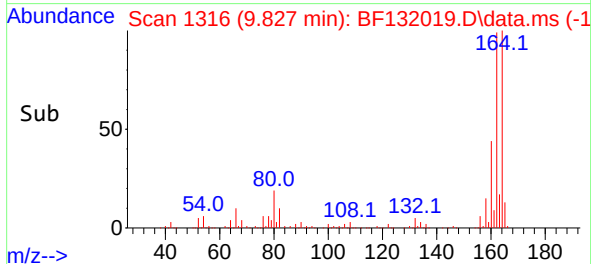
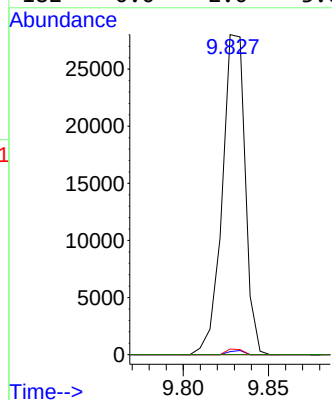
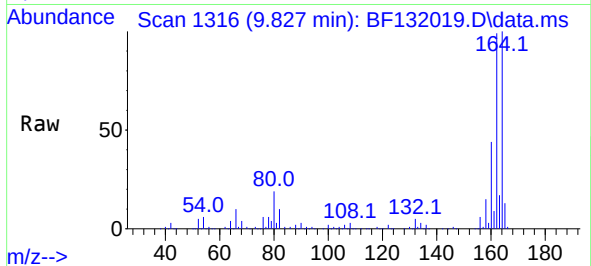




#57
2,4-Dinitrotoluene
Concen: 5.774 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

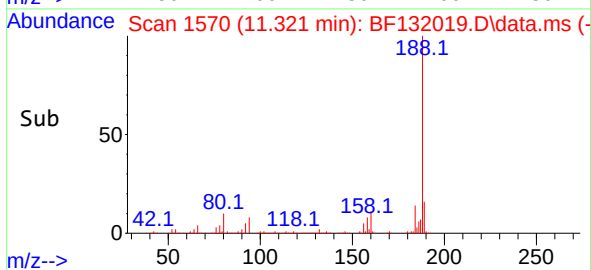
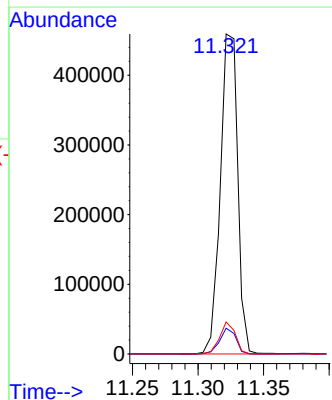
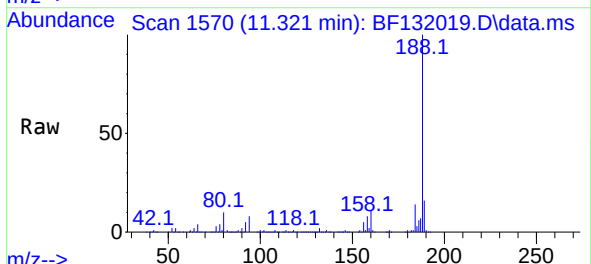
Instrument :
BNA_F
ClientSampleId :
PB150165BL

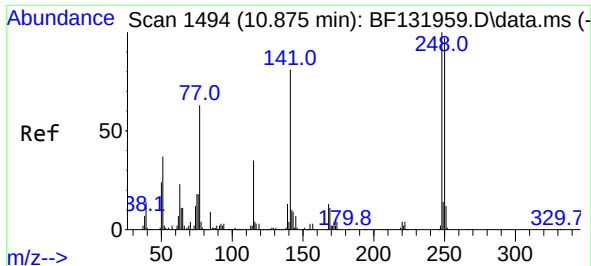
Tgt Ion:165 Resp: 26204
Ion Ratio Lower Upper
165 100
63 1.0 53.2 79.8#
89 1.8 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

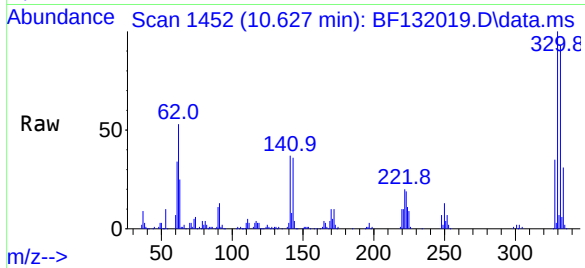
Tgt Ion:188 Resp: 422926
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 10.0 7.4 11.0



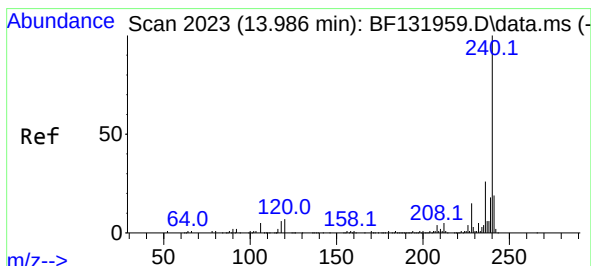
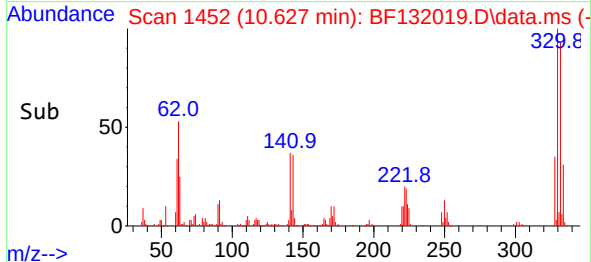
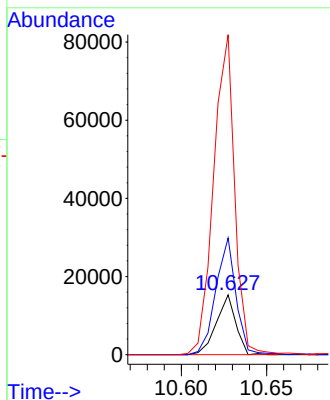


#67
4-Bromophenyl-phenylether
Concen: 2.293 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Instrument :
BNA_F
ClientSampleId :
PB150165BL

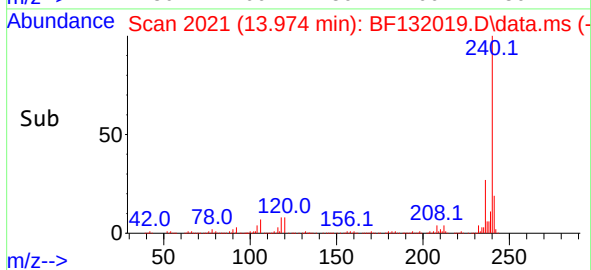
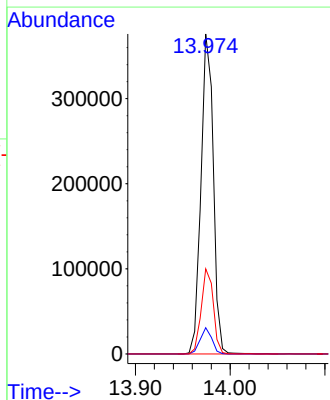
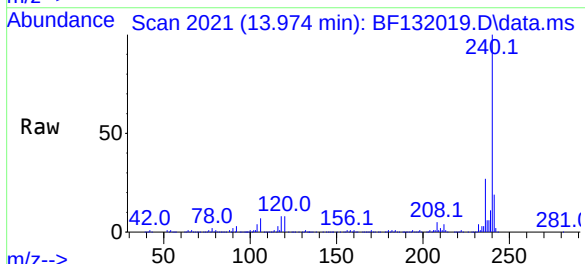


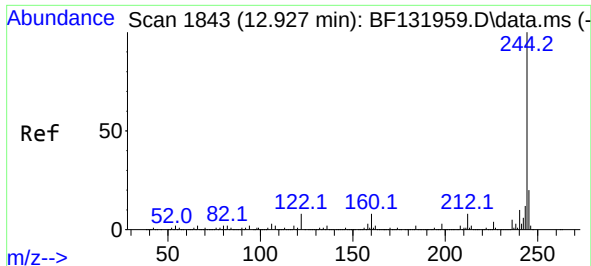
Tgt Ion:248 Resp: 12129
Ion Ratio Lower Upper
248 100
250 195.1 77.4 116.2#
141 534.2 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

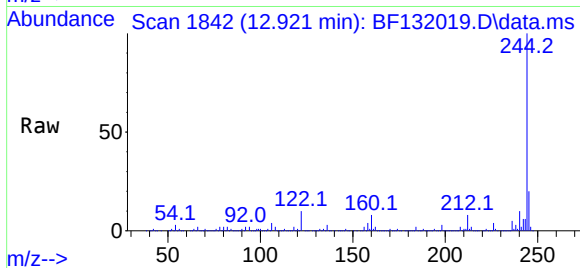
Tgt Ion:240 Resp: 339415
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.0#
236 26.6 21.1 31.7



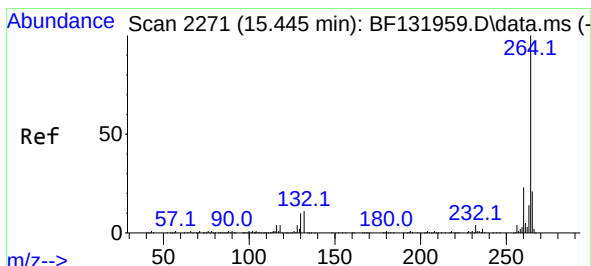
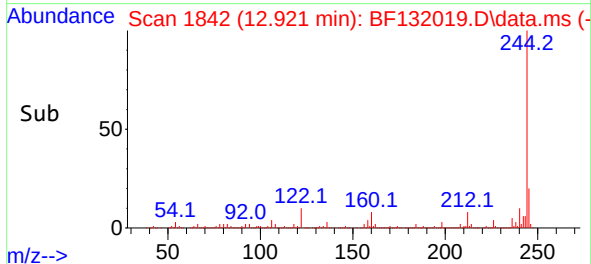
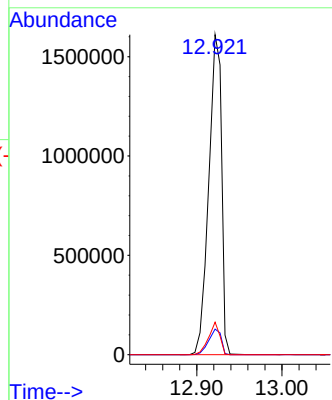


#79
 Terphenyl-d14
 Concen: 70.879 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132019.D
 Acq: 11 Jan 2023 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB150165BL



Tgt Ion:244 Resp: 1678505
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF132019.D
 Acq: 11 Jan 2023 11:18

Tgt Ion:264 Resp: 250369
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.3 27.5
 265 21.5 16.9 25.3

