

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131993.D
 Acq On : 10 Jan 2023 12:39
 Operator : CG\JU
 Sample : 01053-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-201

Quant Time: Jan 11 00:35:16 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)

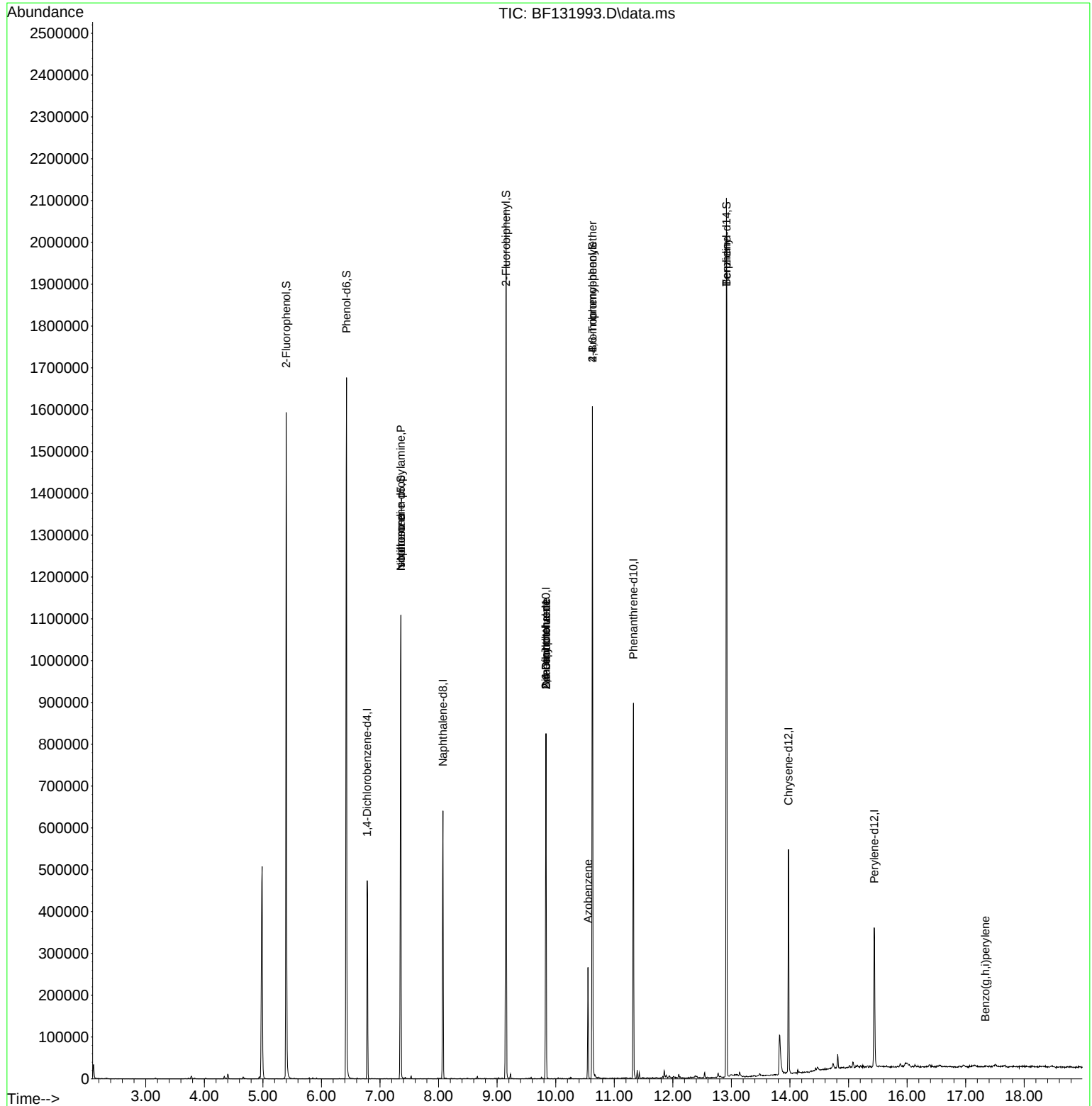
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	65561	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	248281	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	150965	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	308284	20.000	ng	0.00
76) Chrysene-d12	13.974	240	165712	20.000	ng	-0.01
86) Perylene-d12	15.439	264	151557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	402265	101.103	ng	0.00
7) Phenol-d6	6.428	99	518274	98.245	ng	0.00
23) Nitrobenzene-d5	7.357	82	374781	62.650	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	166514	95.931	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	654132	58.494	ng	-0.01
79) Terphenyl-d14	12.916	244	742540	64.224	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	52145	13.664	ng	# 78
25) Isophorone	7.357	82	371644	33.255	ng	# 69
50) Dimethylphthalate	9.833	163	30587	2.599	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	19175	7.747	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	19175	5.795	ng	# 13
63) Azobenzene	10.551	77	44681	3.640	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	11808	3.062	ng	# 1
77) Benzidine	12.916	184	11452	2.080	ng	# 95
92) Benzo(g,h,i)perylene	17.339	276	728	3.606	ng	# 58

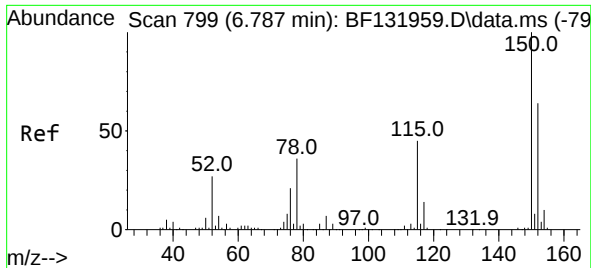
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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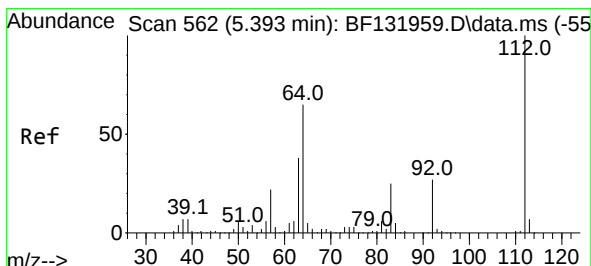
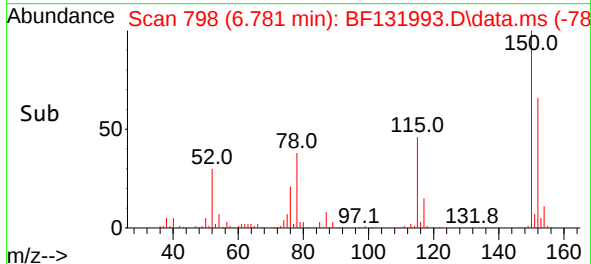
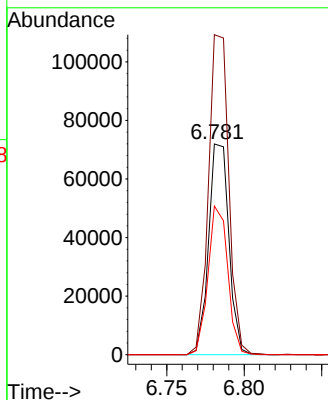
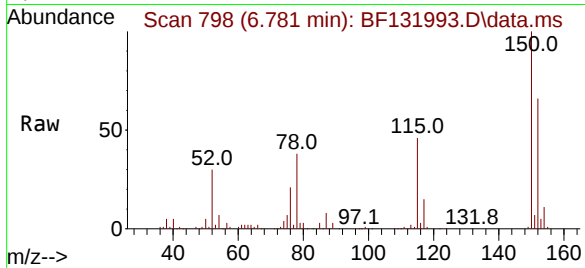




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

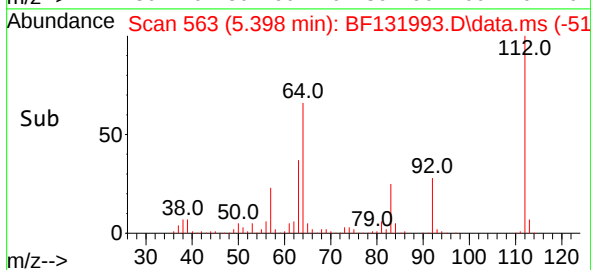
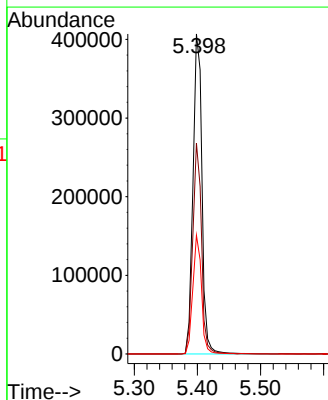
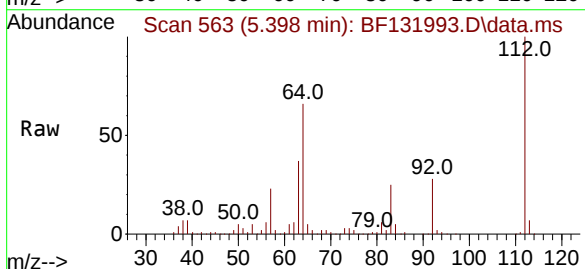
Instrument :
BNA_F
ClientSampleId :
TP-201

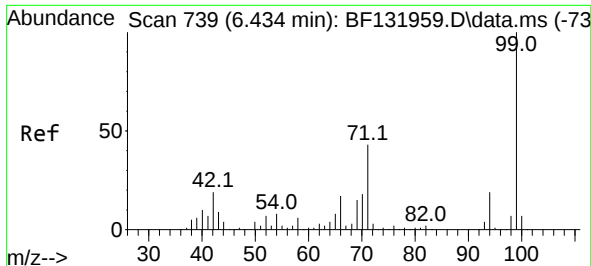
Tgt Ion:152 Resp: 65561
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 70.5 55.6 83.4



#5
2-Fluorophenol
Concen: 101.103 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion:112 Resp: 402265
Ion Ratio Lower Upper
112 100
64 65.9 51.9 77.9
63 37.1 30.2 45.2

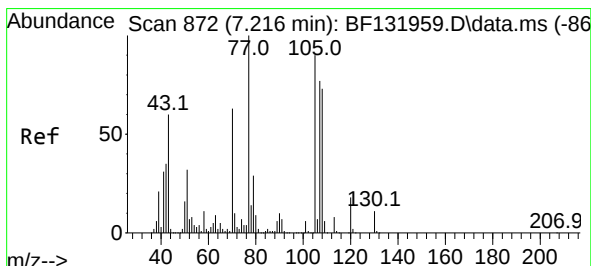
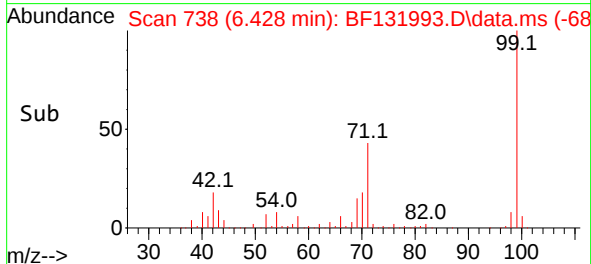
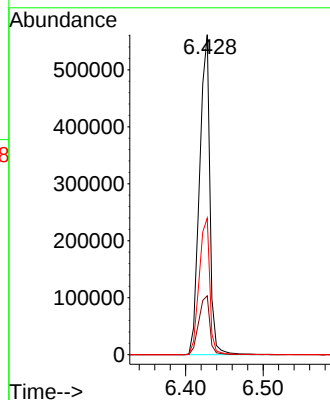
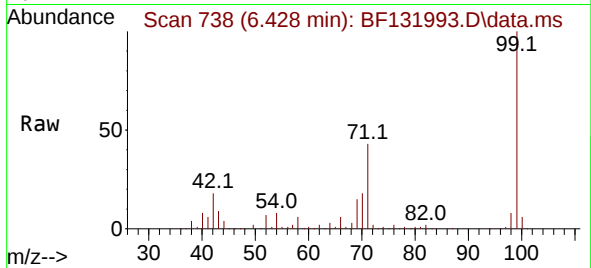




#7
Phenol-d6
Concen: 98.245 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

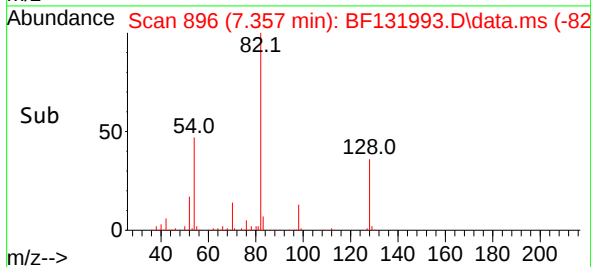
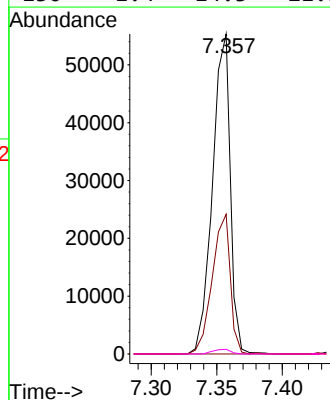
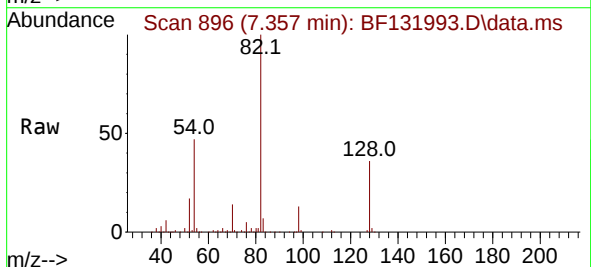
Instrument :
BNA_F
ClientSampleId :
TP-201

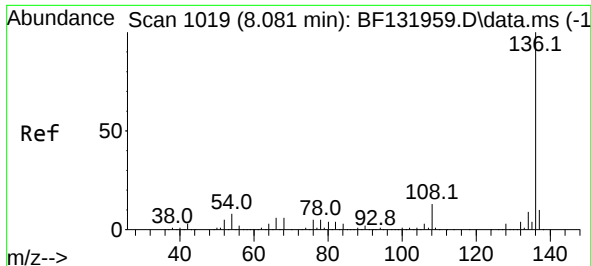
Tgt Ion: 99 Resp: 518274
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.2
71 42.7 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.664 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion: 70 Resp: 52145
Ion Ratio Lower Upper
70 100
42 43.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.4 14.3 21.5#



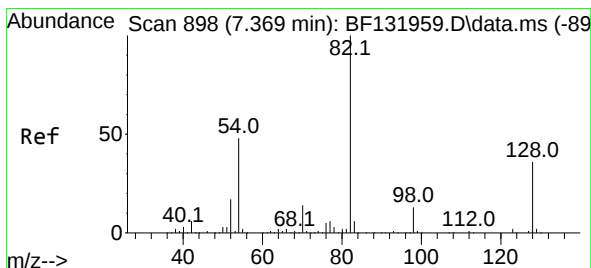
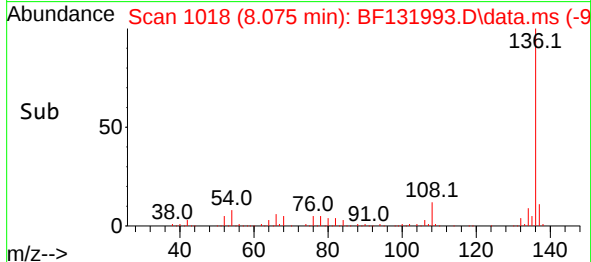
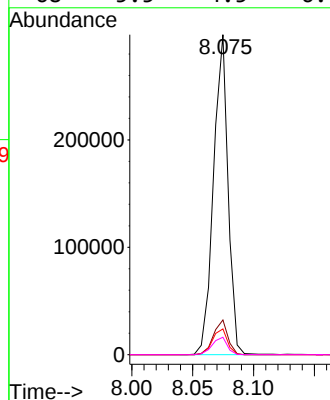
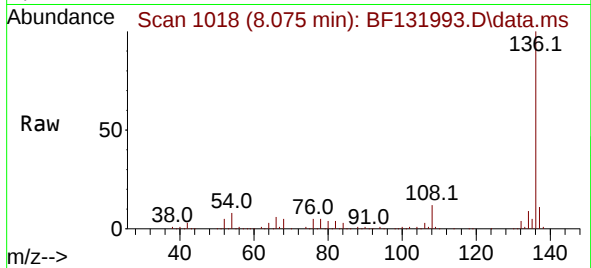


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Instrument :
BNA_F
ClientSampleId :
TP-201

Tgt Ion:136 Resp: 248281

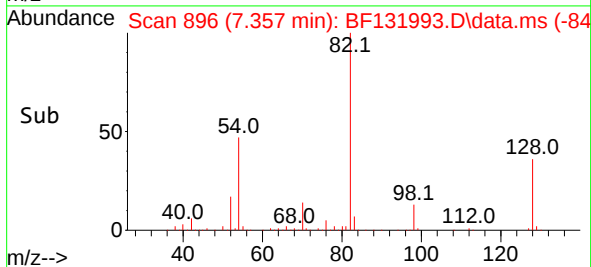
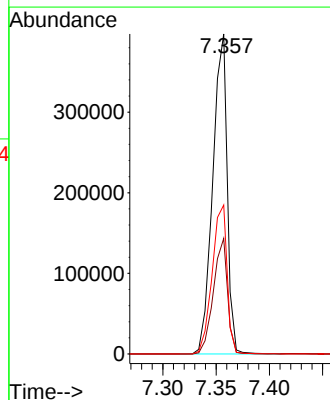
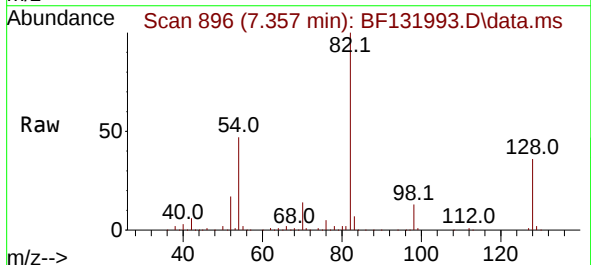
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	8.1	6.6	9.8
68	5.5	4.5	6.7

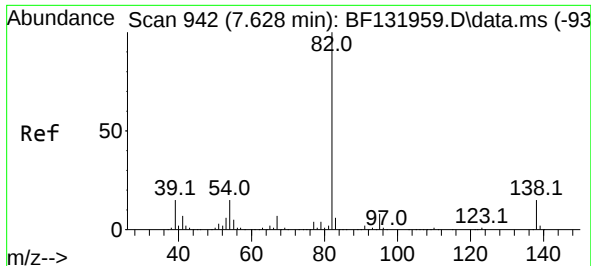


#23
Nitrobenzene-d5
Concen: 62.650 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion: 82 Resp: 374781

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.7	43.1
54	46.6	38.1	57.1

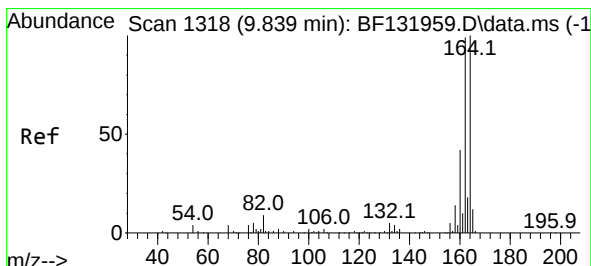
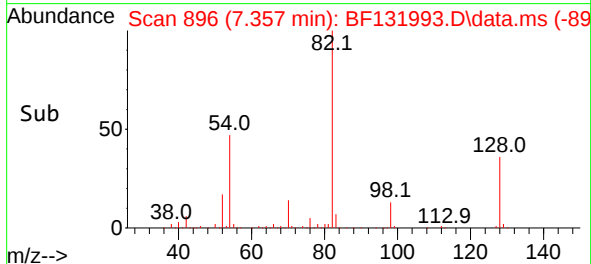
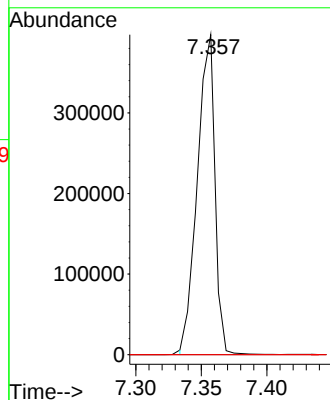
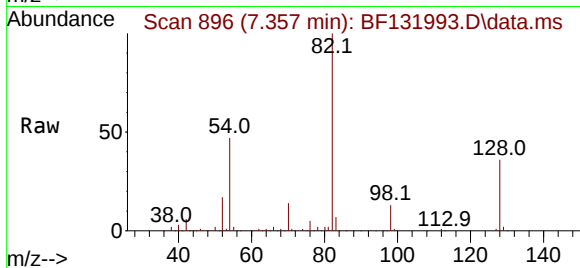




#25
Isophorone
Concen: 33.255 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

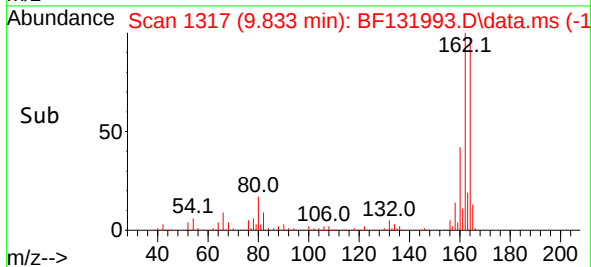
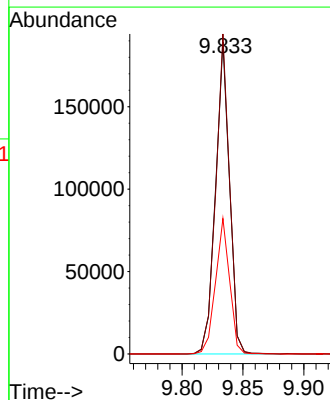
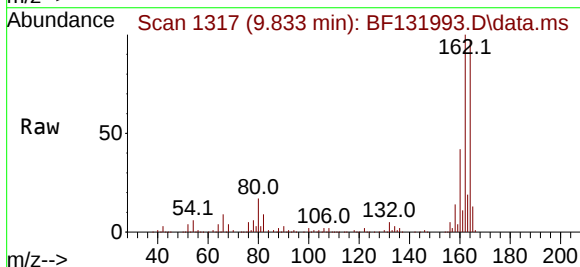
Instrument :
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ClientSampleId :
TP-201

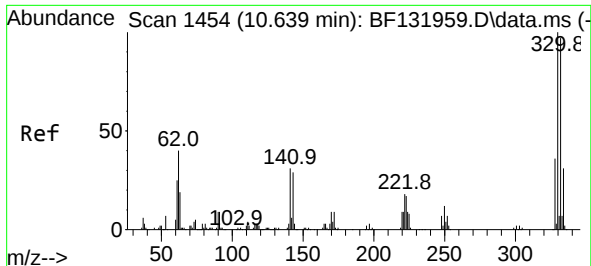
Tgt Ion: 82 Resp: 371644
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion:164 Resp: 150965
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.0
160 43.4 33.9 50.9

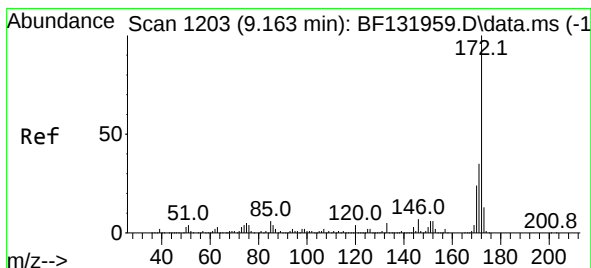
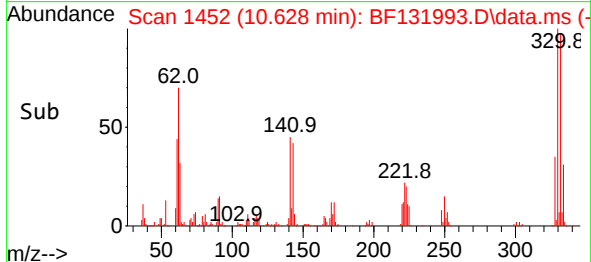
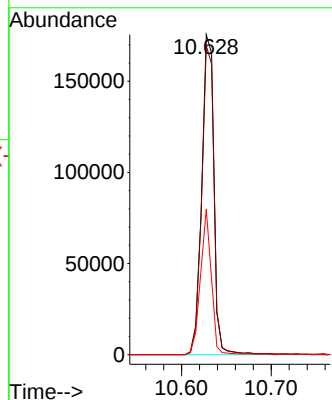
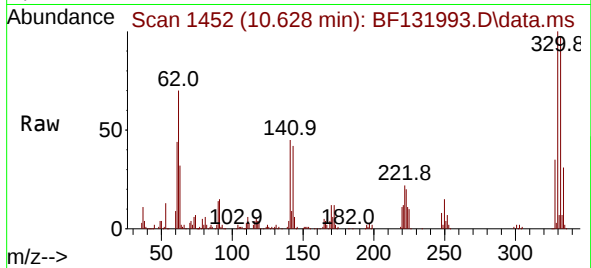




#42
2,4,6-Tribromophenol
Concen: 95.931 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

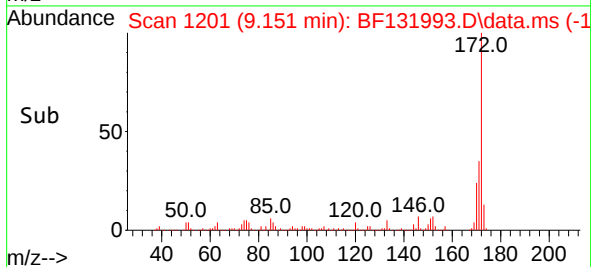
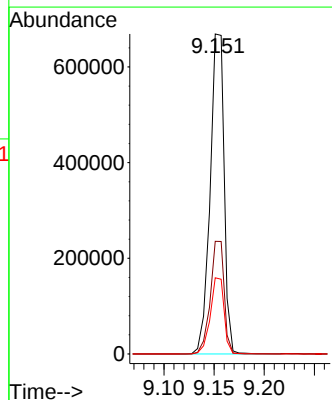
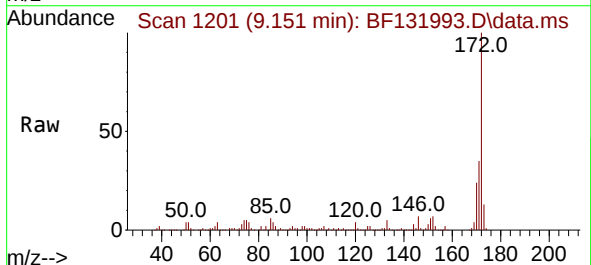
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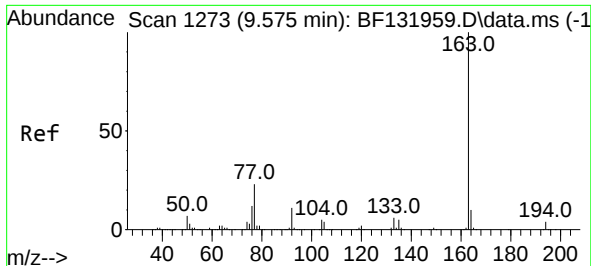
Tgt Ion: 330 Resp: 166514
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 40.5 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 58.494 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion: 172 Resp: 654132
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.8 18.9 28.3

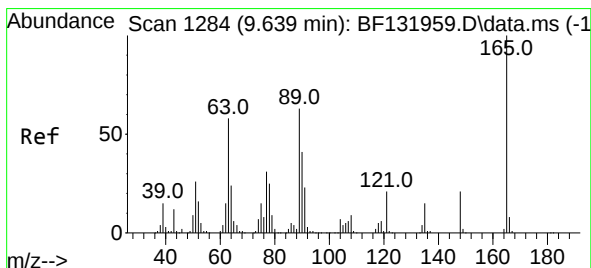
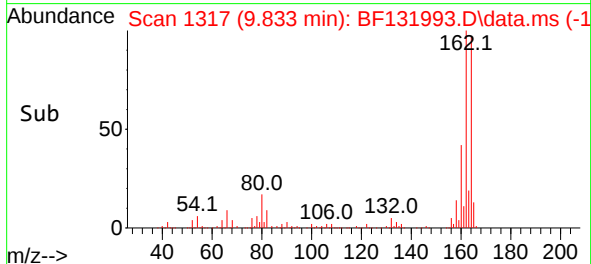
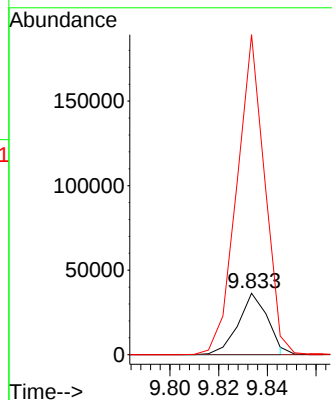
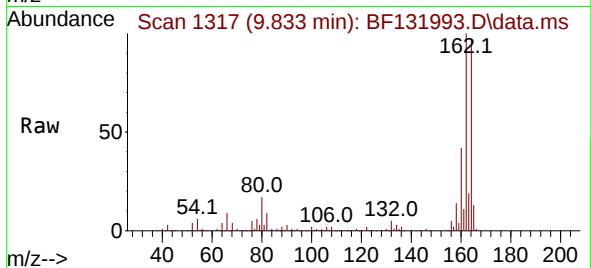




#50
Dimethylphthalate
Concen: 2.599 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

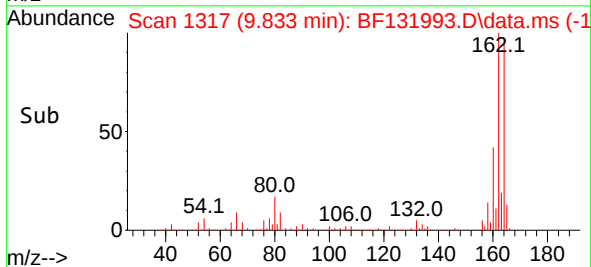
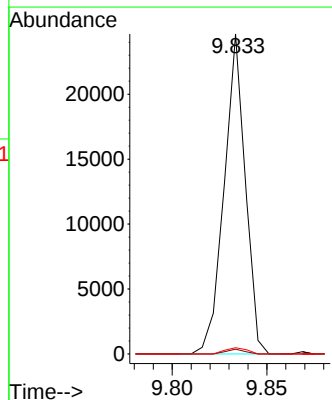
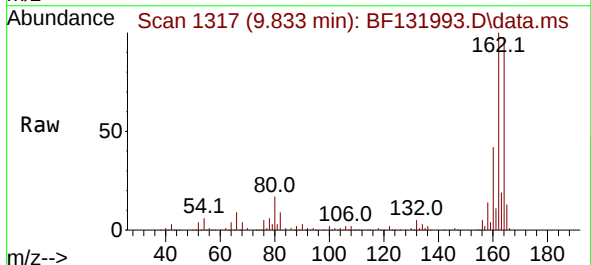
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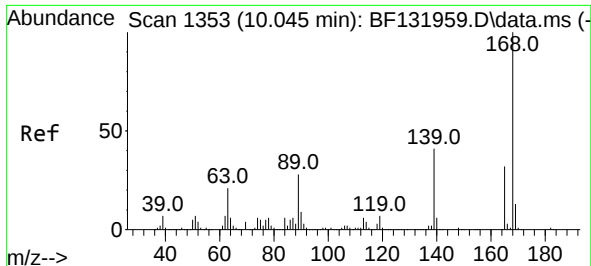
Tgt Ion:163 Resp: 30587
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 520.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion:165 Resp: 19175
Ion Ratio Lower Upper
165 100
63 1.5 47.4 71.0#
89 1.9 50.2 75.2#

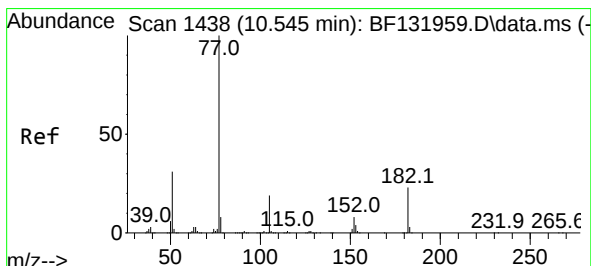
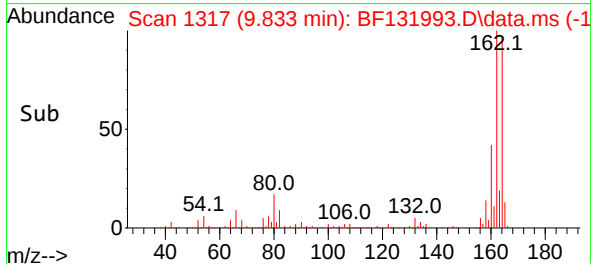
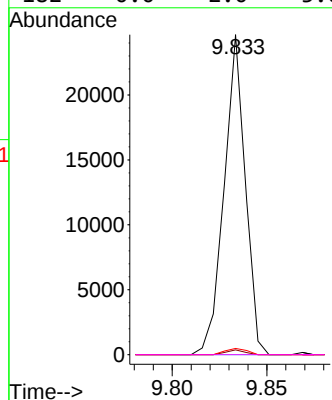
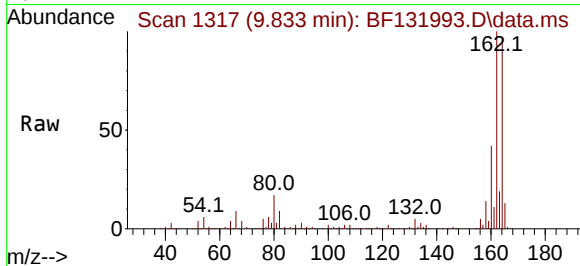




#57
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

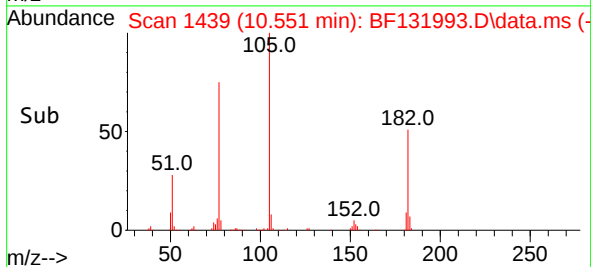
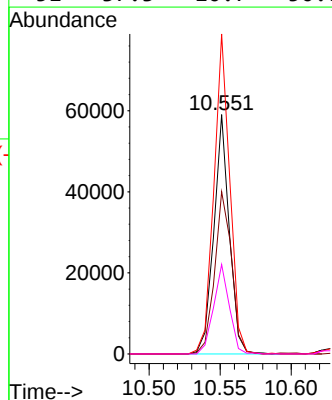
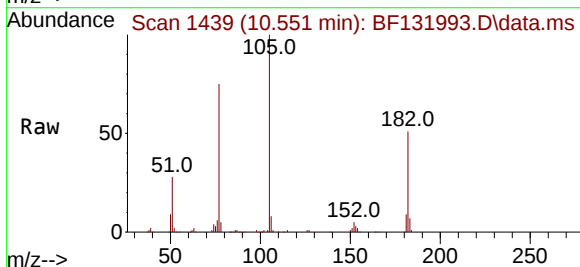
Instrument :
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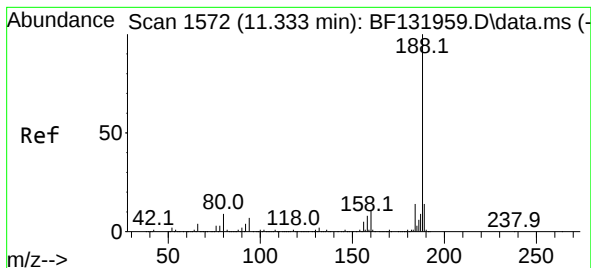
Tgt Ion:165 Resp: 19175
Ion Ratio Lower Upper
165 100
63 1.5 53.2 79.8#
89 1.9 71.2 106.8#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 3.640 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion: 77 Resp: 44681
Ion Ratio Lower Upper
77 100
182 67.8 2.9 42.9#
105 133.7 0.0 39.3#
51 37.3 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

Instrument :

BNA_F

ClientSampleId :

TP-201

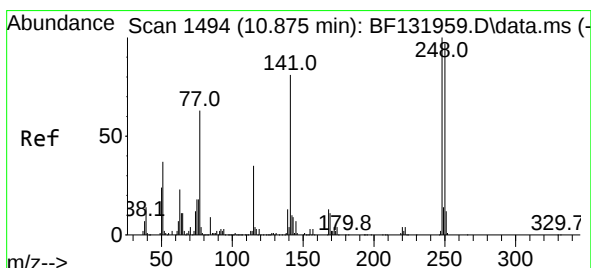
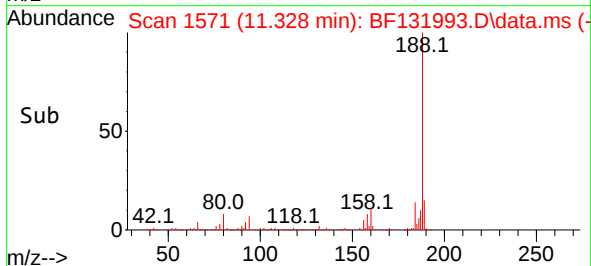
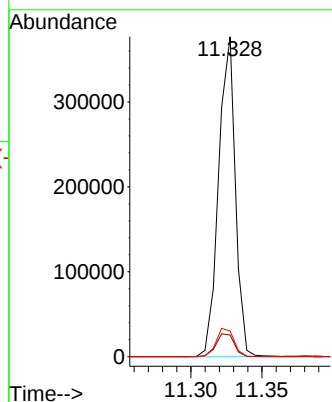
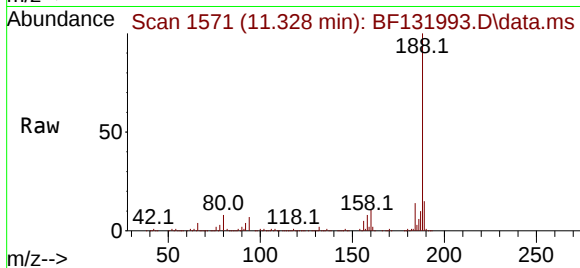
Tgt Ion:188 Resp: 308284

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 8.0 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 3.062 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.247 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

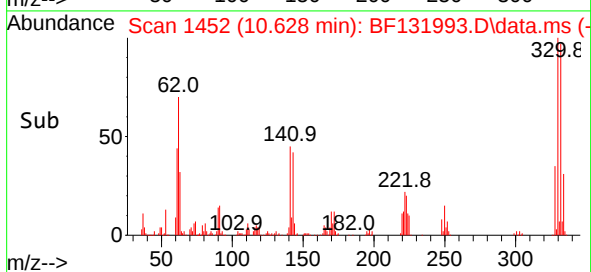
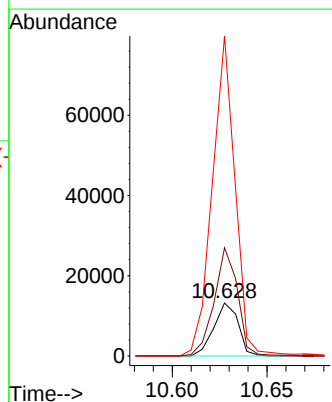
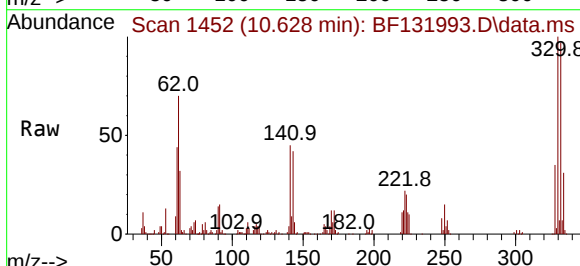
Tgt Ion:248 Resp: 11808

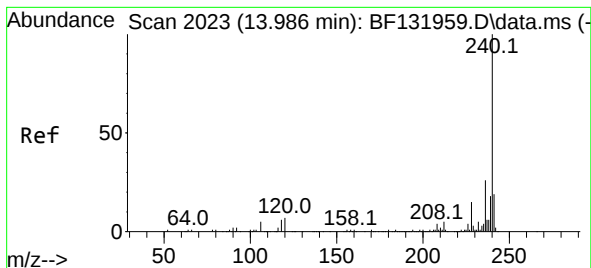
Ion Ratio Lower Upper

248 100

250 204.4 77.4 116.2#

141 605.0 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

Instrument :

BNA_F

ClientSampleId :

TP-201

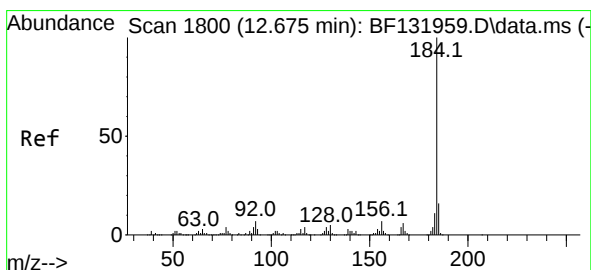
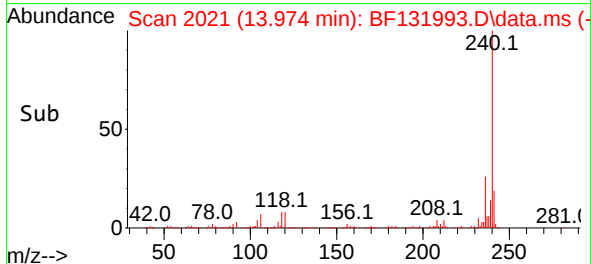
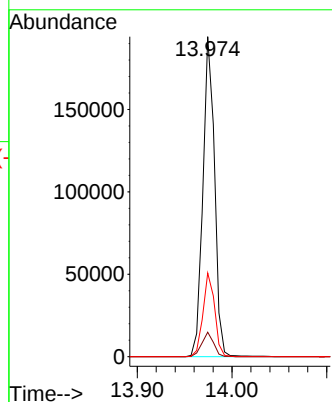
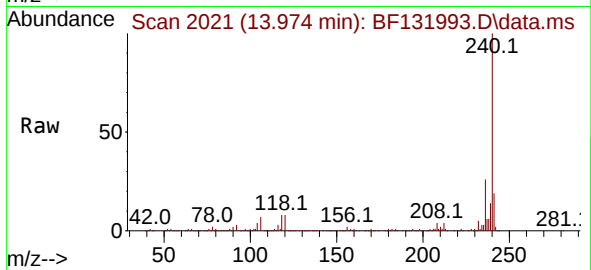
Tgt Ion:240 Resp: 165712

Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.0

236 26.2 21.1 31.7



#77

Benzidine

Concen: 2.080 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.241 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

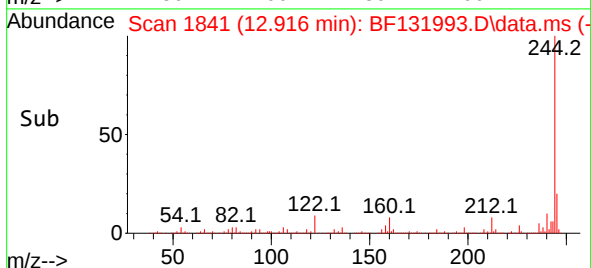
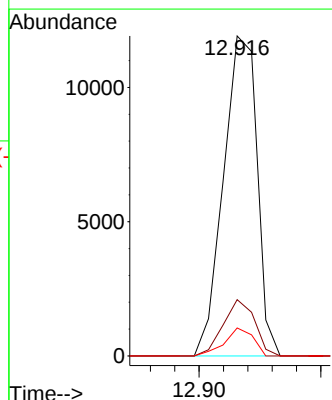
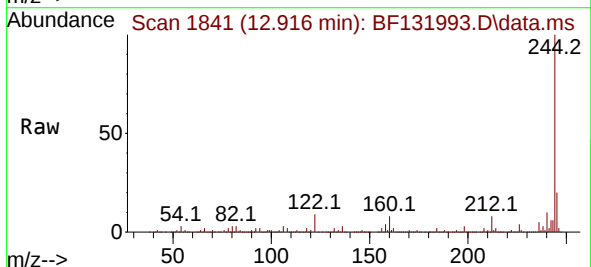
Tgt Ion:184 Resp: 11452

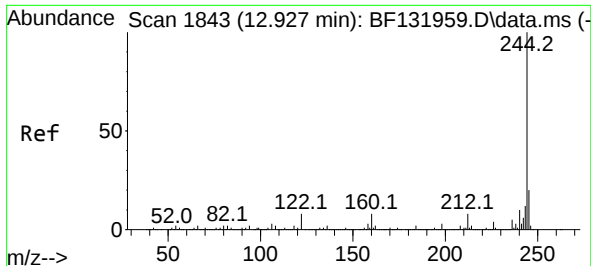
Ion Ratio Lower Upper

184 100

185 17.6 12.8 19.2

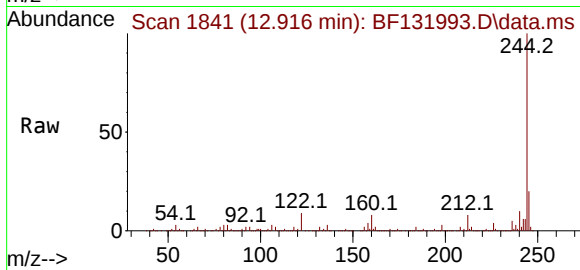
183 8.7 9.0 13.4#



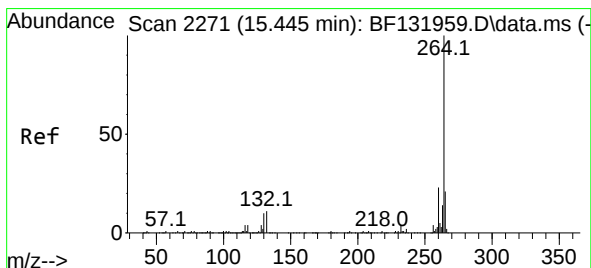
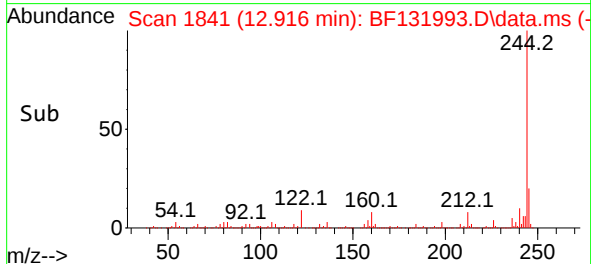
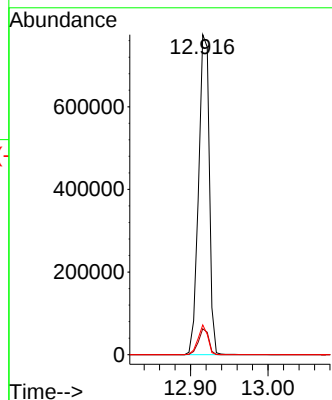


#79
 Terphenyl-d14
 Concen: 64.224 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF131993.D
 Acq: 10 Jan 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-201

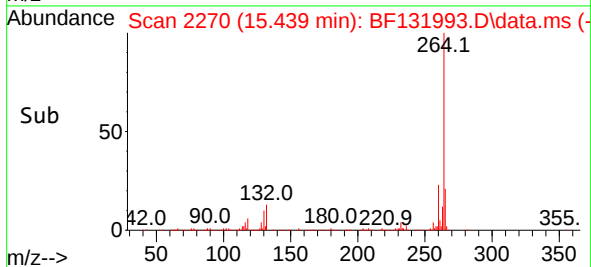
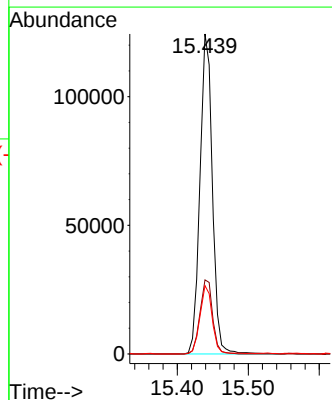
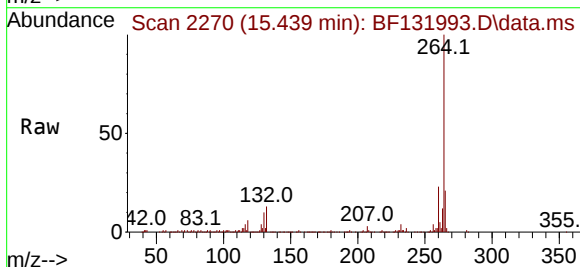


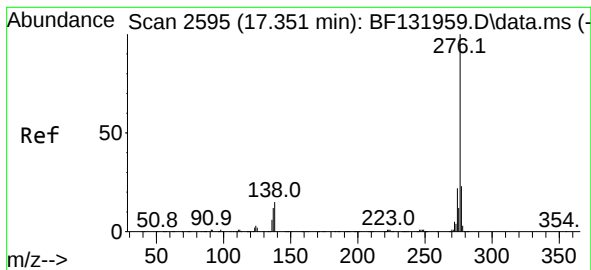
Tgt Ion:244 Resp: 742540
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131993.D
 Acq: 10 Jan 2023 12:39

Tgt Ion:264 Resp: 151557
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.4 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.606 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

Instrument :

BNA_F

ClientSampleId :

TP-201

Tgt Ion:276 Resp: 728

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

