

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131978.D
 Acq On : 09 Jan 2023 23:10
 Operator : CG\JU
 Sample : 01047-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 10 03:15:52 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)

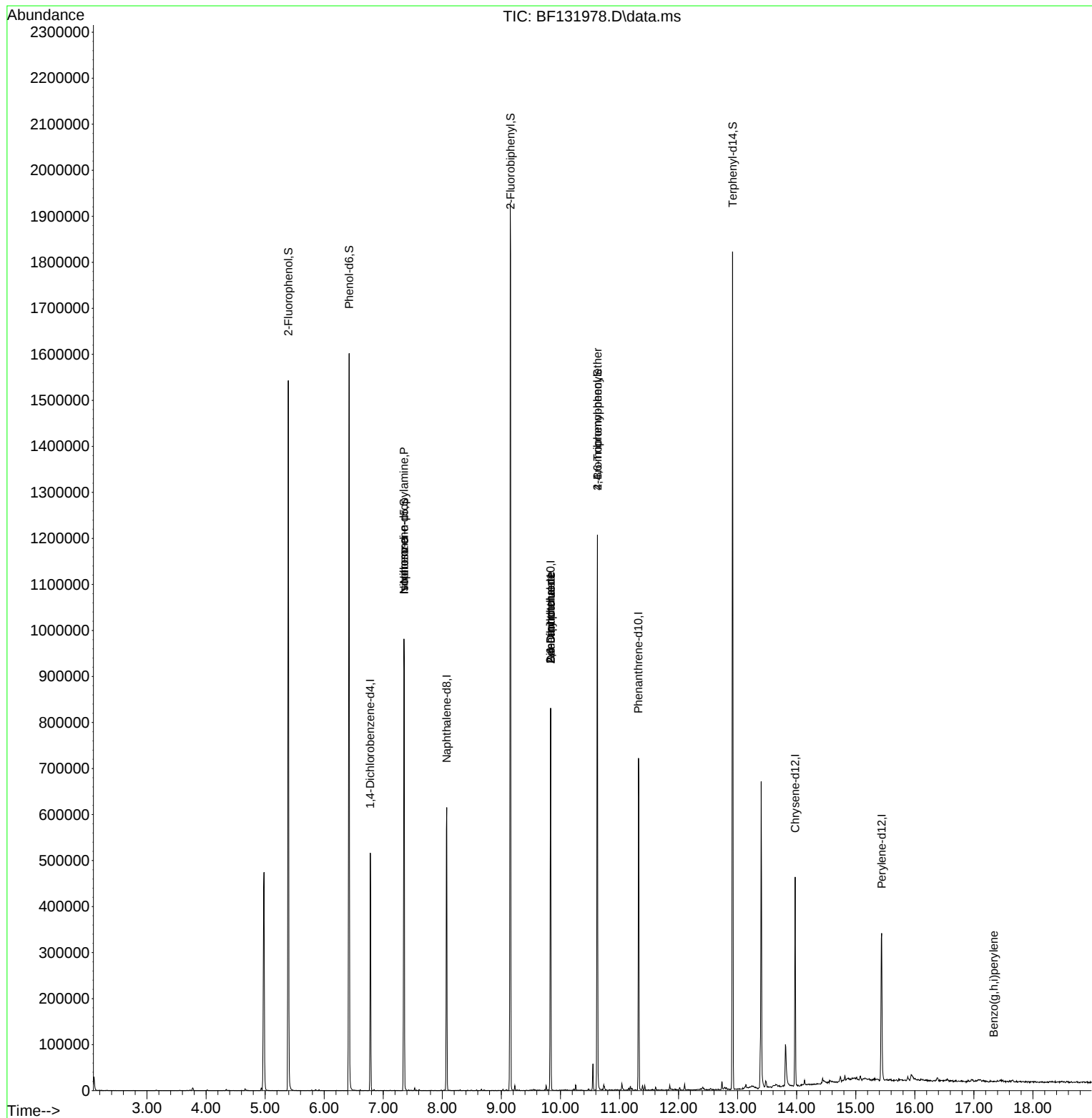
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69621	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	254643	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	144181	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	261115	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	135552	20.000	ng	-0.01
86) Perylene-d12	15.439	264	149715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	364877	86.359	ng	0.00
7) Phenol-d6	6.422	99	473309	84.489	ng	-0.01
23) Nitrobenzene-d5	7.351	82	340652	55.522	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	124273	74.964	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	590015	55.243	ng	0.00
79) Terphenyl-d14	12.916	244	539429	57.037	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	48515	11.972	ng	# 77
25) Isophorone	7.351	82	337591	29.453	ng	# 69
50) Dimethylphthalate	9.833	163	29730	2.645	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	18576	7.859	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	18576	5.878	ng	# 13
67) 4-Bromophenyl-phenylether	10.628	248	8319	2.547	ng	# 1
92) Benzo(g,h,i)perylene	17.339	276	464	3.577	ng	# 58

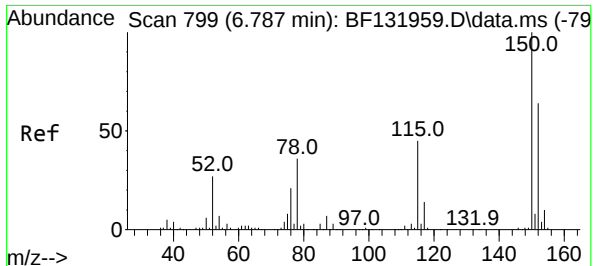
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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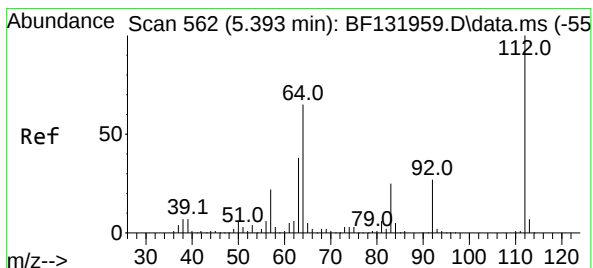
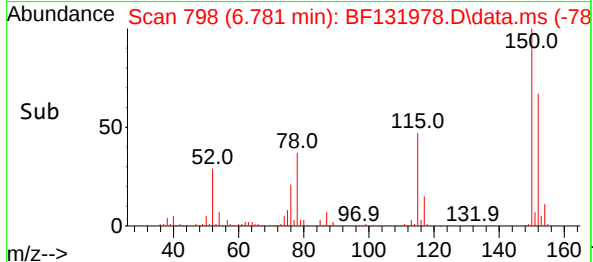
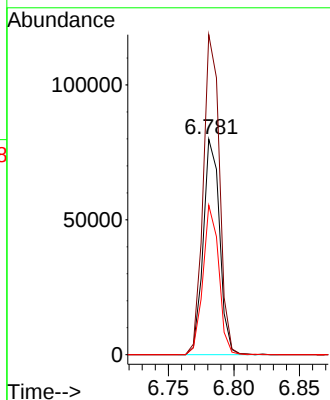
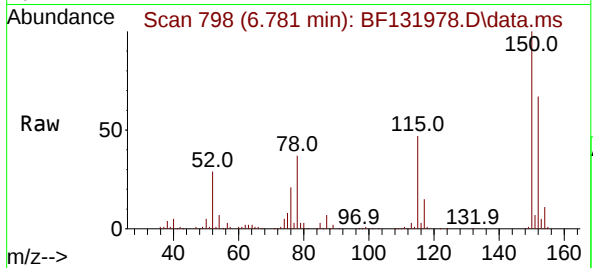




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

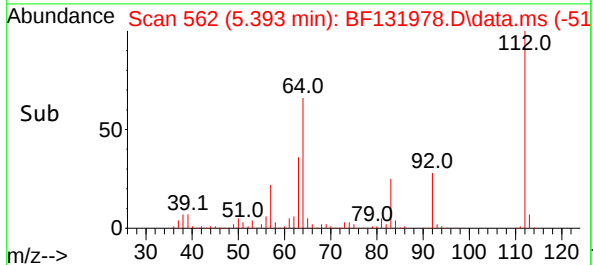
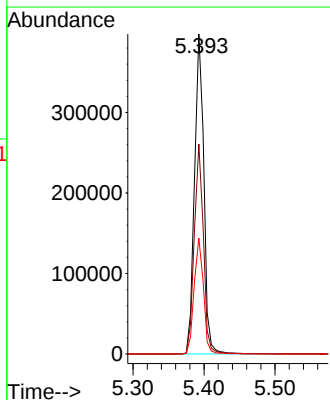
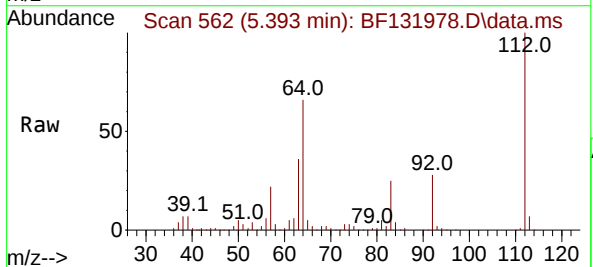
Instrument :
BNA_F
ClientSampleId :
TP-6

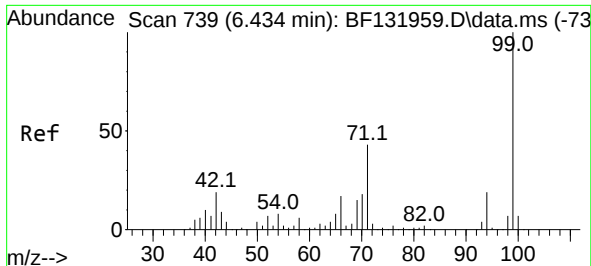
Tgt Ion:152 Resp: 69621
Ion Ratio Lower Upper
152 100
150 148.5 124.6 186.8
115 69.4 55.6 83.4



#5
2-Fluorophenol
Concen: 86.359 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:112 Resp: 364877
Ion Ratio Lower Upper
112 100
64 65.6 51.9 77.9
63 36.2 30.2 45.2

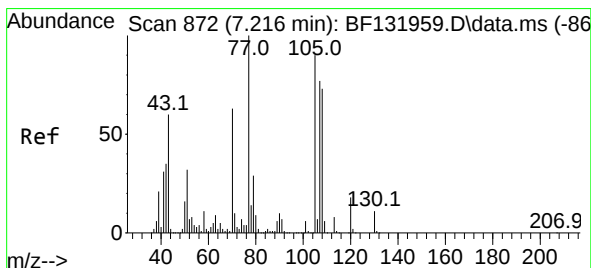
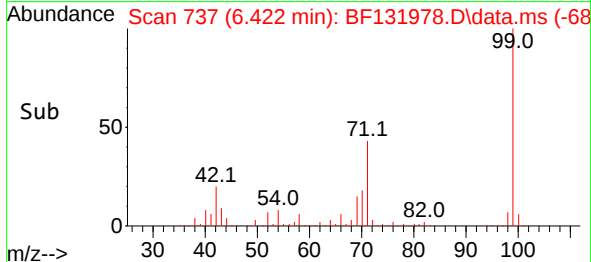
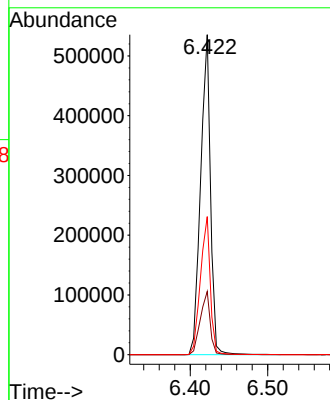
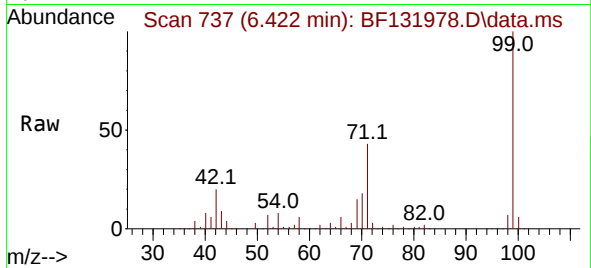




#7
Phenol-d6
Concen: 84.489 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

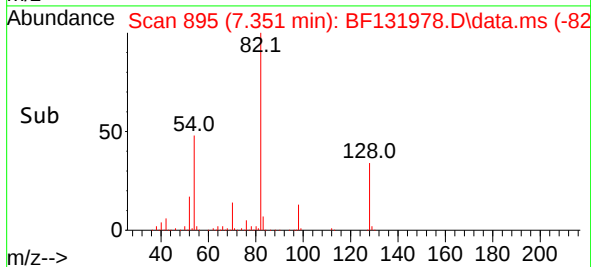
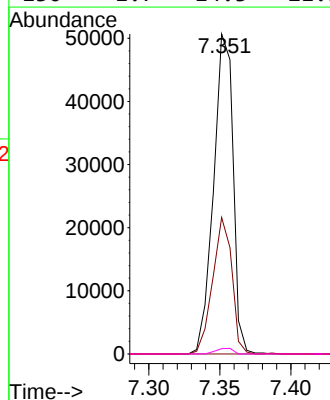
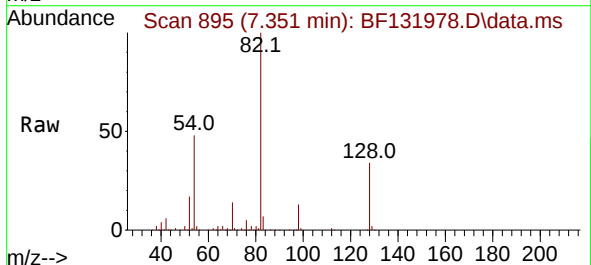
Instrument :
BNA_F
ClientSampleId :
TP-6

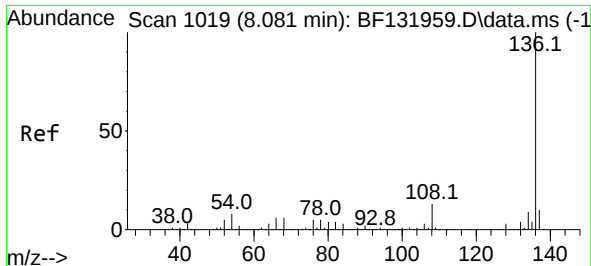
Tgt Ion: 99 Resp: 473309
Ion Ratio Lower Upper
99 100
42 19.7 15.4 23.2
71 43.2 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.972 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion: 70 Resp: 48515
Ion Ratio Lower Upper
70 100
42 42.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.7 14.3 21.5#

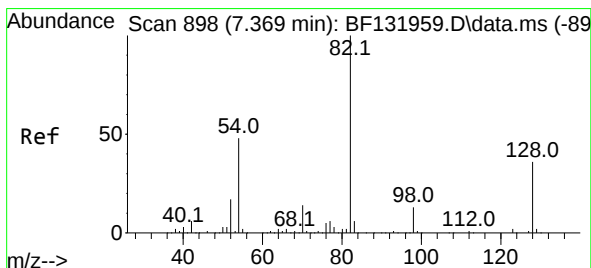
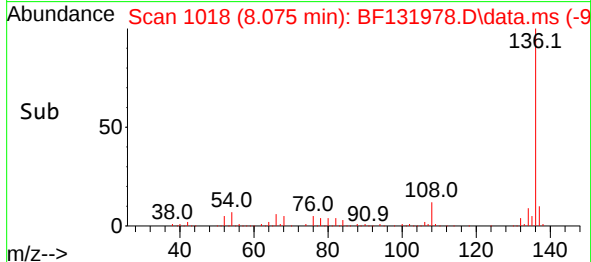
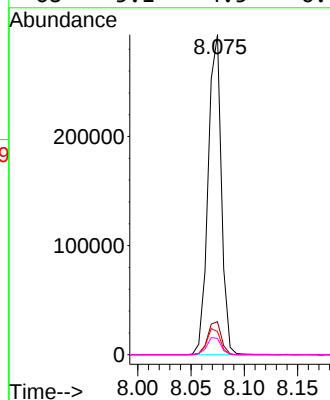
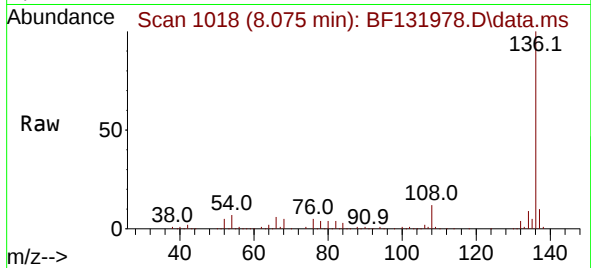




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

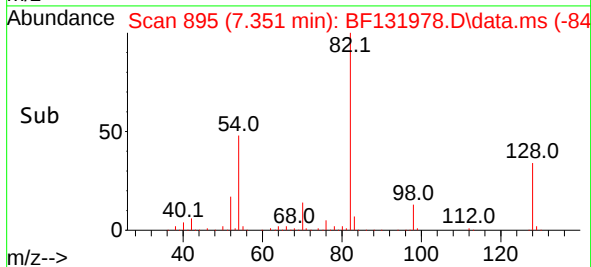
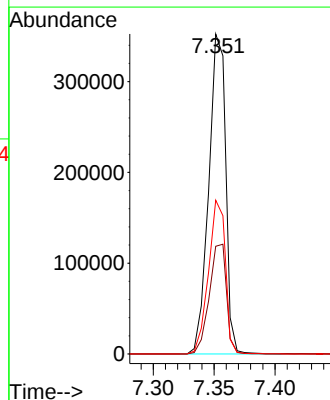
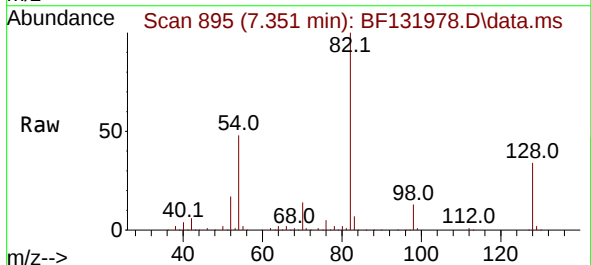
Instrument :
BNA_F
ClientSampleId :
TP-6

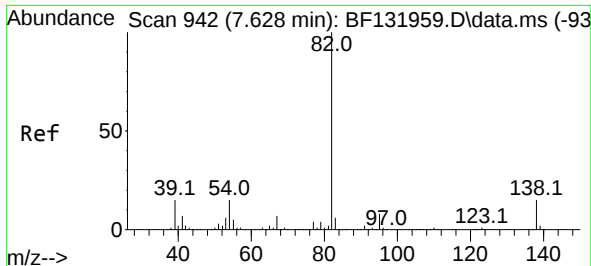
Tgt Ion	136	Resp: Lower	254643 Upper
136	100		
137	10.3	8.2	12.2
54	7.2	6.6	9.8
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 55.522 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion: 82	Resp: 340652
Ion Ratio	Lower Upper
82 100	
128 33.7	28.7 43.1
54 48.0	38.1 57.1

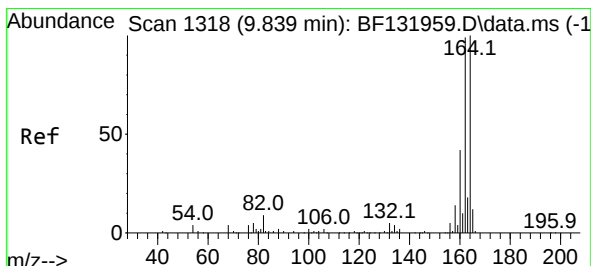
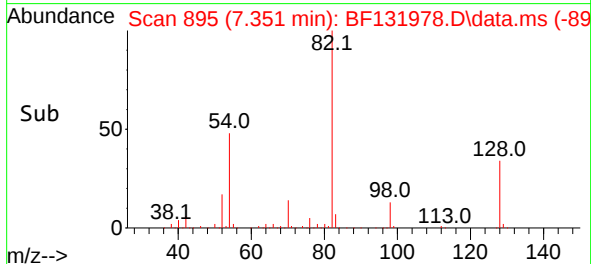
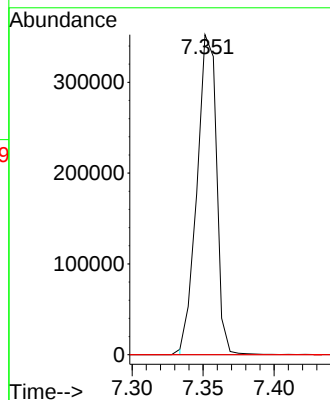
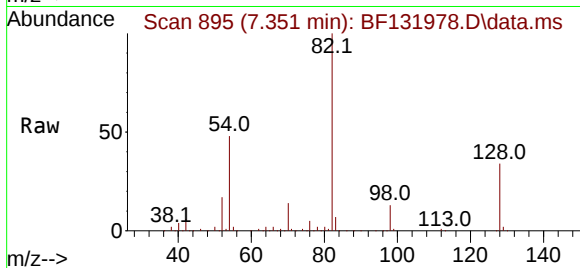




#25
Isophorone
Concen: 29.453 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

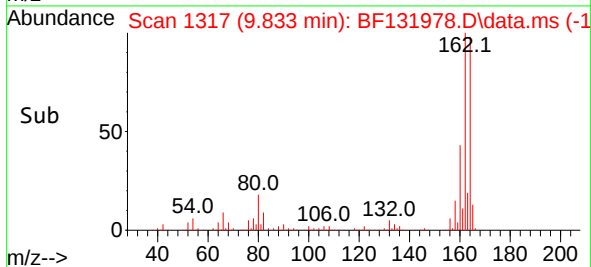
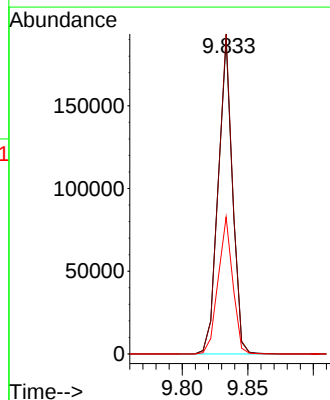
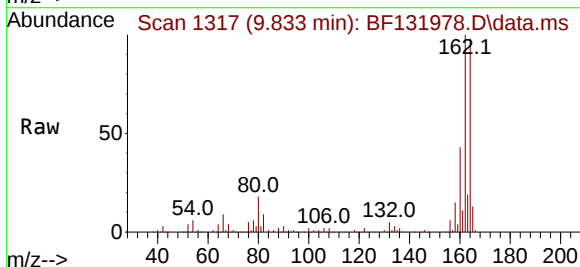
Instrument :
BNA_F
ClientSampleId :
TP-6

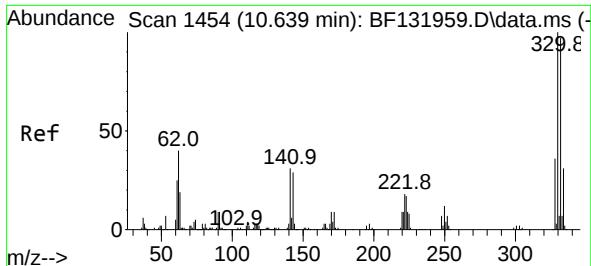
Tgt Ion: 82 Resp: 337591
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:164 Resp: 144181
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.0
160 43.7 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 74.964 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF131978.D

Acq: 09 Jan 2023 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6

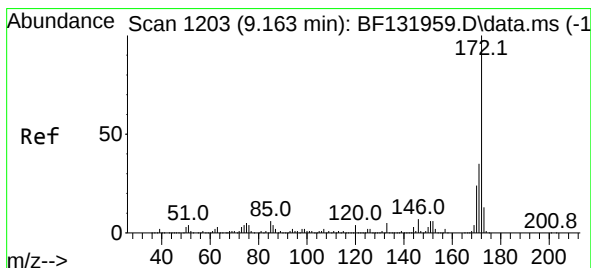
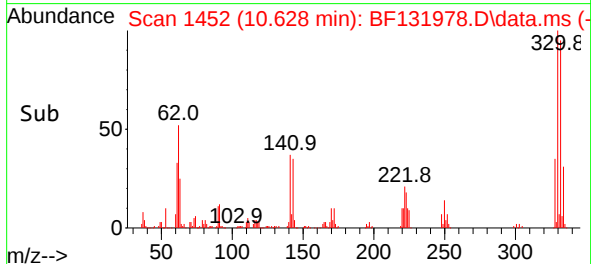
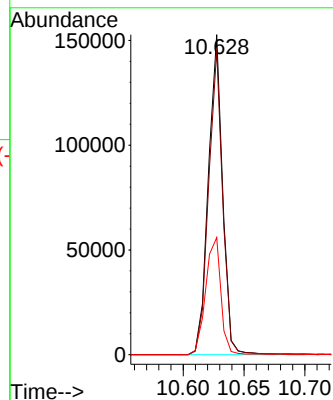
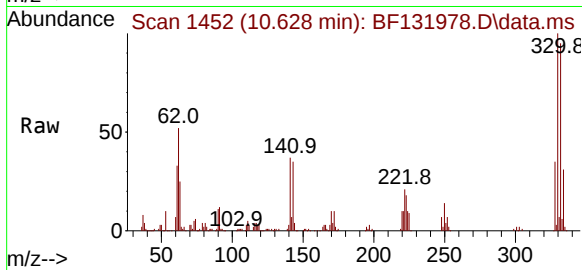
Tgt Ion:330 Resp: 124273

Ion Ratio Lower Upper

330 100

332 93.9 76.9 115.3

141 39.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 55.243 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131978.D

Acq: 09 Jan 2023 23:10

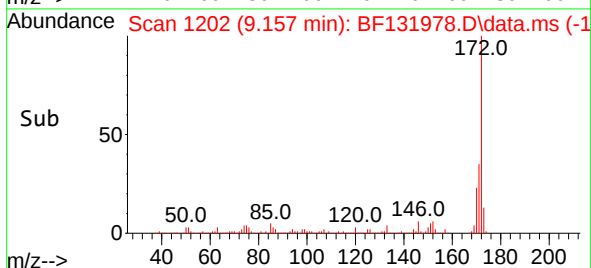
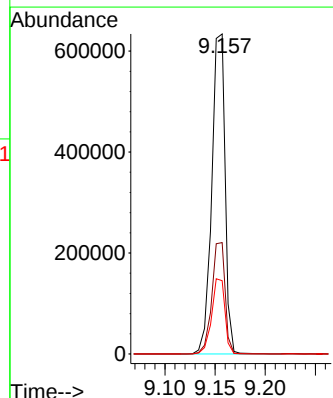
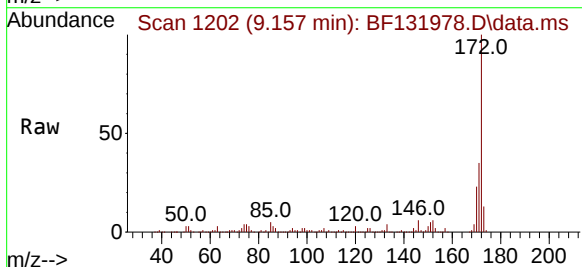
Tgt Ion:172 Resp: 590015

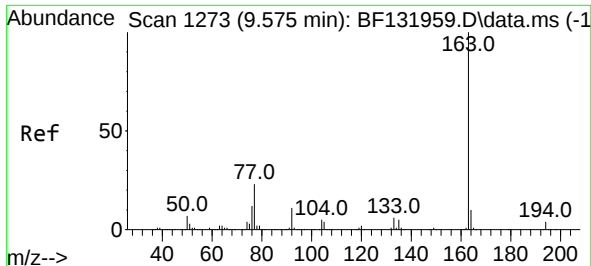
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 22.9 18.9 28.3

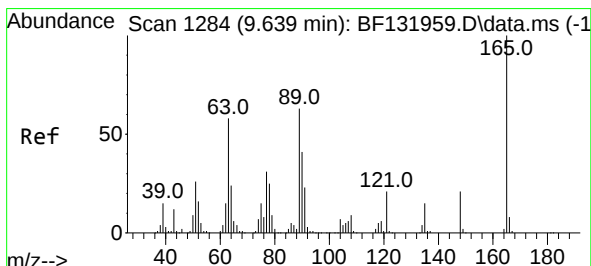
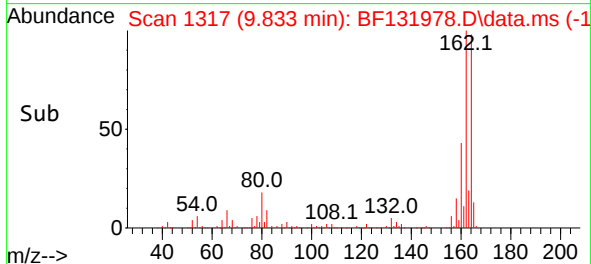
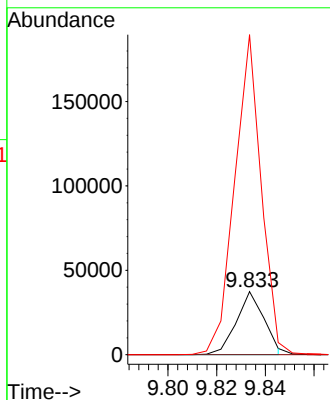
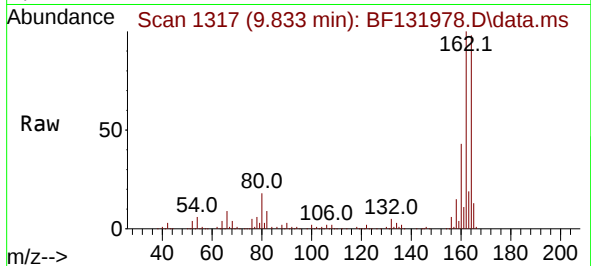




#50
Dimethylphthalate
Concen: 2.645 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

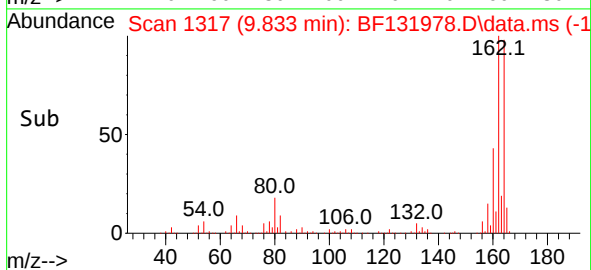
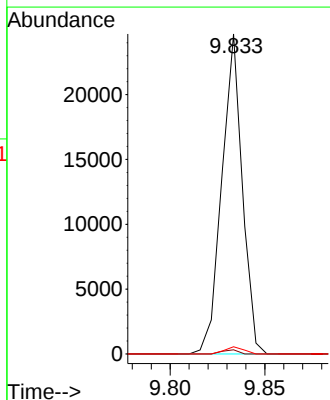
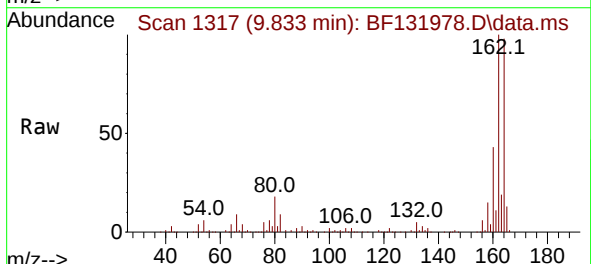
Instrument :
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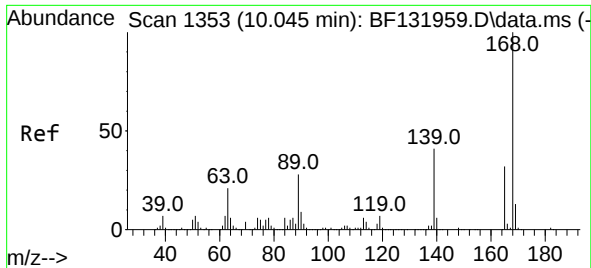
Tgt Ion:163 Resp: 29730
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.859 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:165 Resp: 18576
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.0#
89 2.2 50.2 75.2#

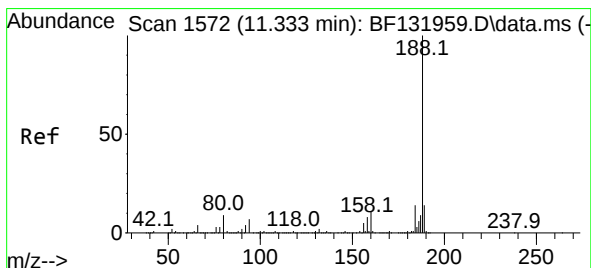
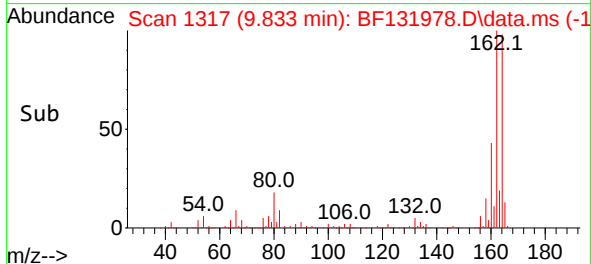
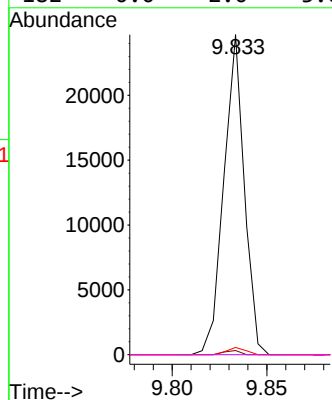
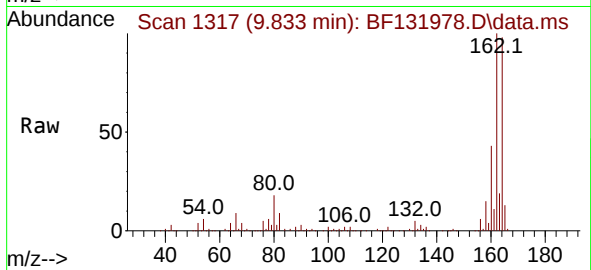




#57
2,4-Dinitrotoluene
Concen: 5.878 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

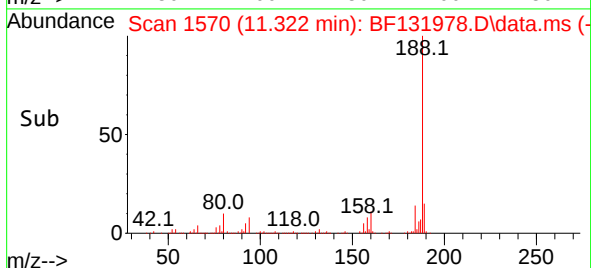
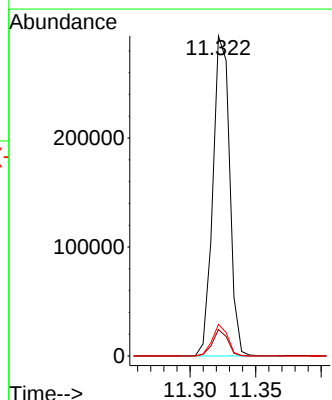
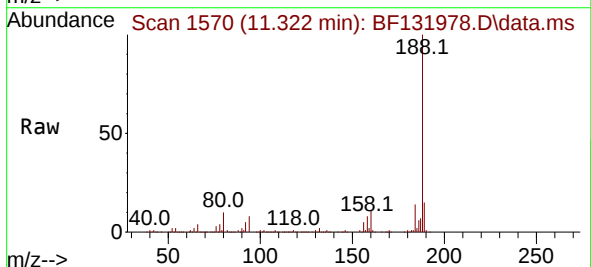
Instrument :
BNA_F
ClientSampleId :
TP-6

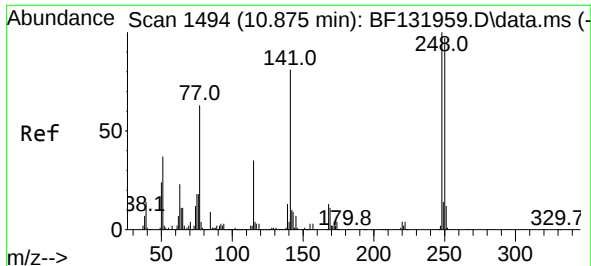
Tgt Ion:165 Resp: 18576
Ion Ratio Lower Upper
165 100
63 1.3 53.2 79.8#
89 2.2 71.2 106.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:188 Resp: 261115
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 9.8 7.4 11.0

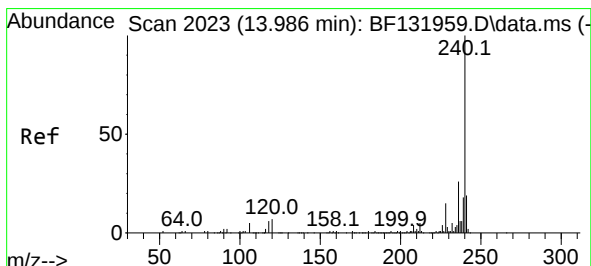
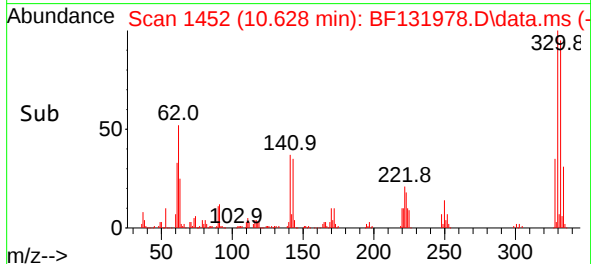
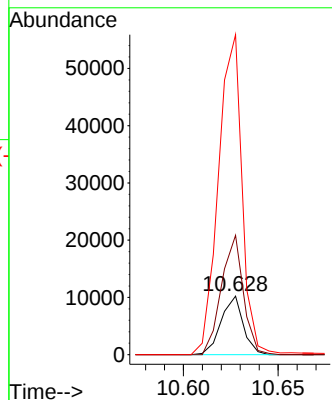
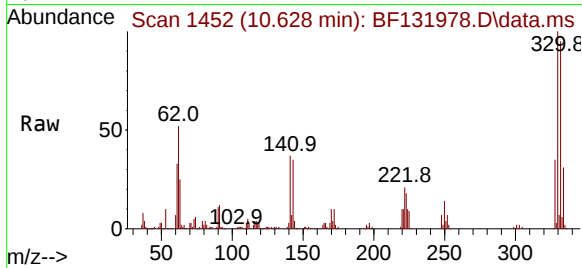




#67
4-Bromophenyl-phenylether
Concen: 2.547 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

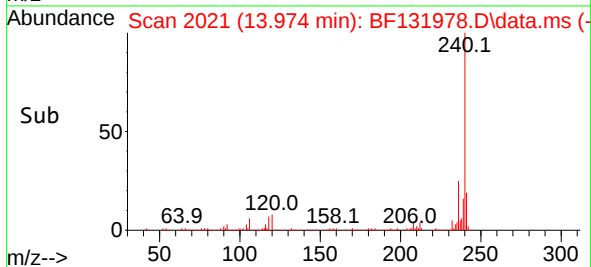
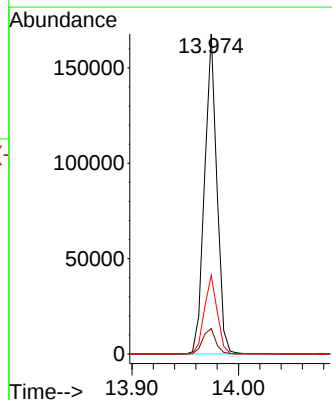
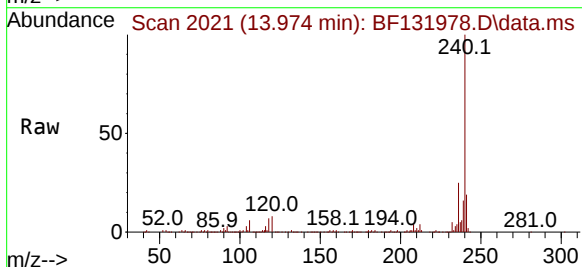
Instrument :
BNA_F
ClientSampleId :
TP-6

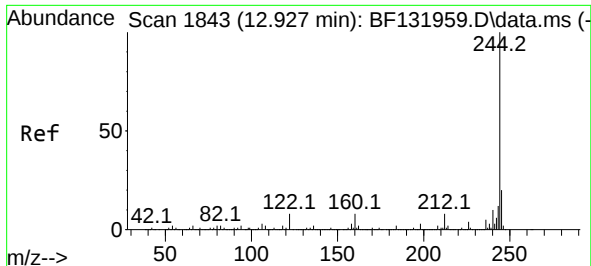
Tgt Ion:248 Resp: 8319
Ion Ratio Lower Upper
248 100
250 204.1 77.4 116.2#
141 546.9 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131978.D
Acq: 09 Jan 2023 23:10

Tgt Ion:240 Resp: 135552
Ion Ratio Lower Upper
240 100
120 8.0 5.4 8.0
236 24.6 21.1 31.7

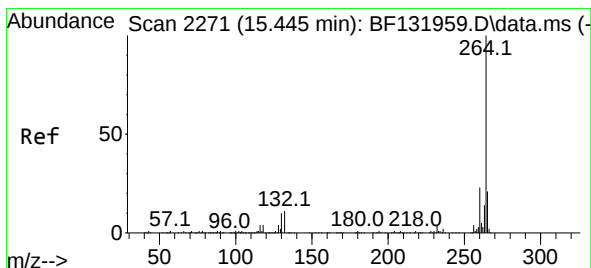
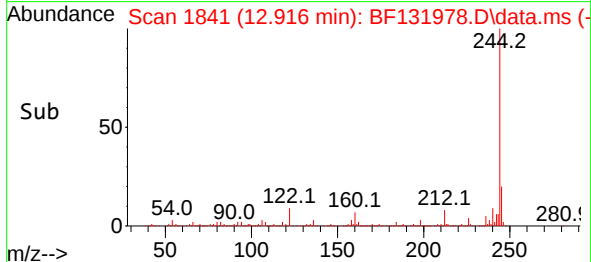
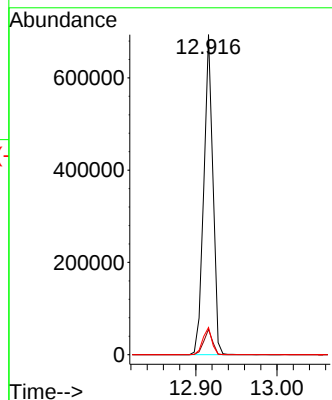
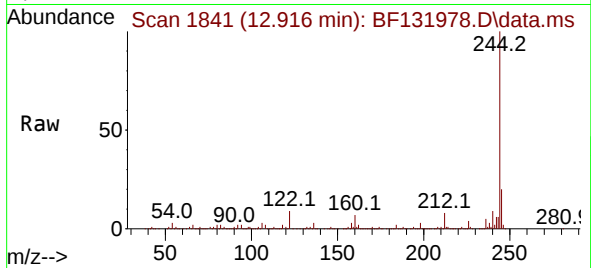




#79
 Terphenyl-d14
 Concen: 57.037 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF131978.D
 Acq: 09 Jan 2023 23:10

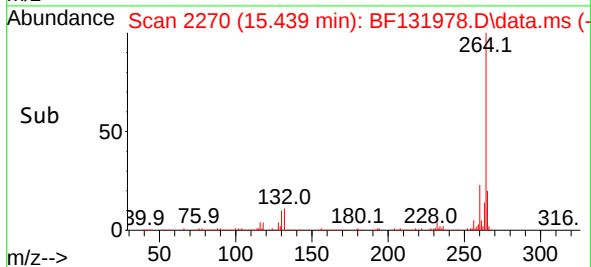
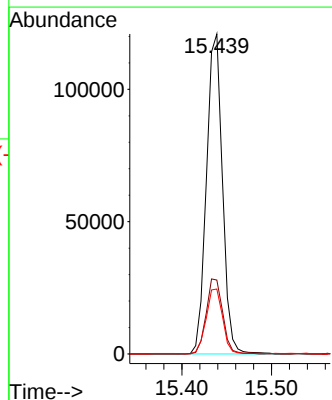
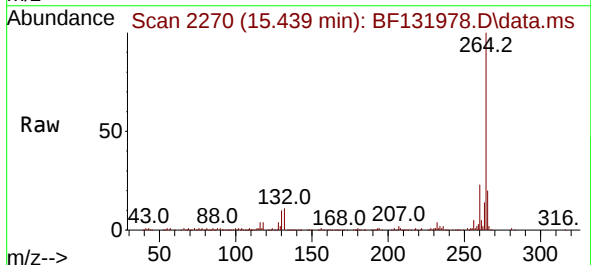
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

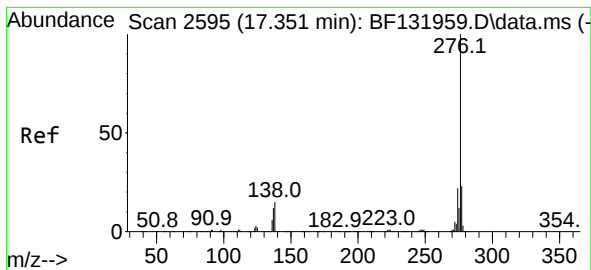
Tgt Ion:244 Resp: 539429
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.5 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131978.D
 Acq: 09 Jan 2023 23:10

Tgt Ion:264 Resp: 149715
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 20.3 16.9 25.3





#92

Benzo(g,h,i)perylene

Concen: 3.577 ng

RT: 17.339 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131978.D

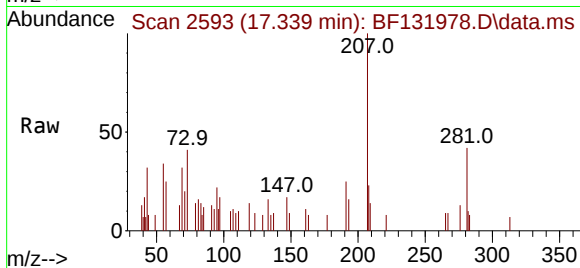
Acq: 09 Jan 2023 23:10

Instrument :

BNA_F

ClientSampleId :

TP-6



Tgt Ion:276 Resp: 464

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 11.7 17.5#

