

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134533.D
 Acq On : 29 Jul 2023 01:15
 Operator : CG\JU
 Sample : 03770-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-2-LP

Quant Time: Jul 29 01:45:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

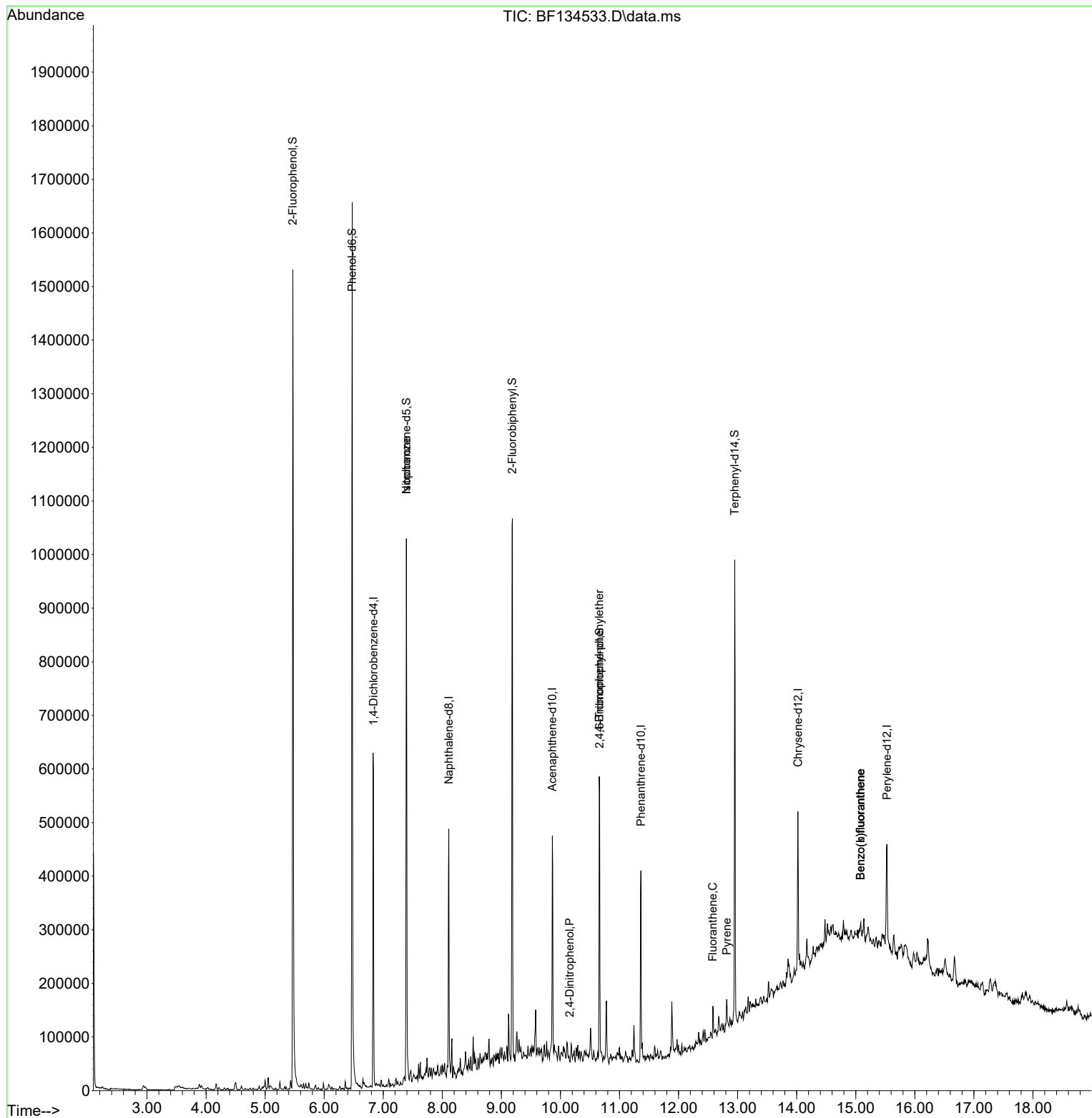
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	95879	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	189753	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	80955	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	131832	20.000	ng	0.00
76) Chrysene-d12	14.021	240	92893	20.000	ng	0.00
86) Perylene-d12	15.527	264	77156	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	427668	73.696	ng	0.00
7) Phenol-d6	6.475	99	489234	68.809	ng	0.00
23) Nitrobenzene-d5	7.392	82	304611	81.219	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	69623	60.530	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	316268	51.287	ng	0.00
79) Terphenyl-d14	12.951	244	288096	54.140	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.392	82	303772	48.599	ng	# 65
54) 2,4-Dinitrophenol	10.157	184	240	6.888	ng	# 54
67) 4-Bromophenyl-phenylether	10.657	248	4037	2.795	ng	# 1
75) Fluoranthene	12.580	202	20465	2.549	ng	95
78) Pyrene	12.816	202	18260	2.472	ng	95
88) Benzo(b)fluoranthene	15.080	252	12297	2.548	ng	# 35
89) Benzo(k)fluoranthene	15.080	252	12297	2.591	ng	# 38

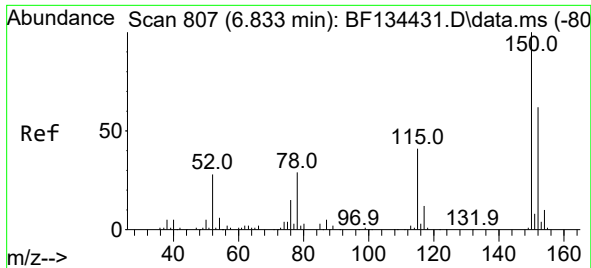
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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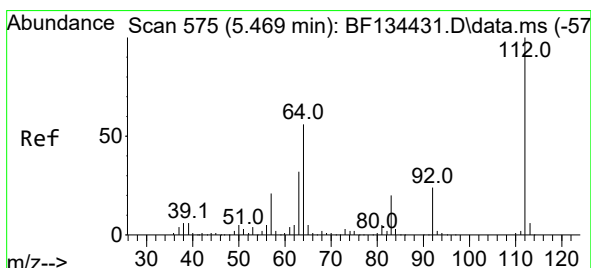
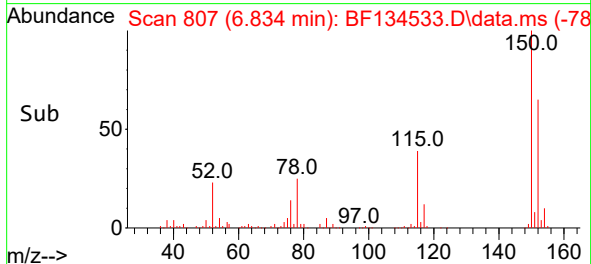
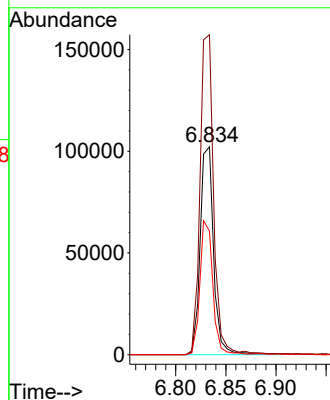
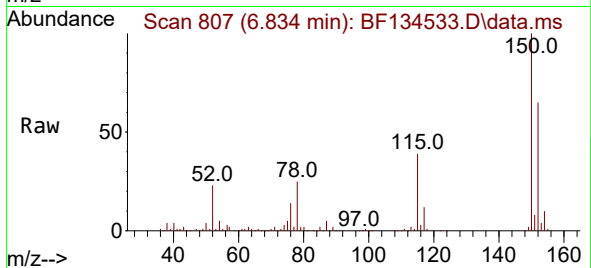




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

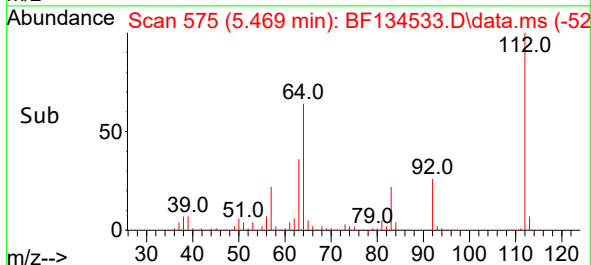
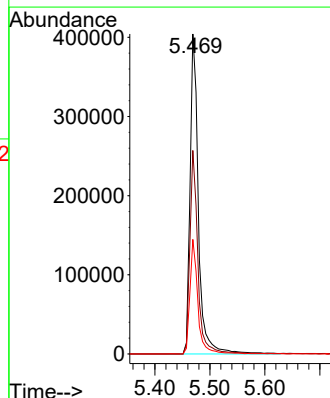
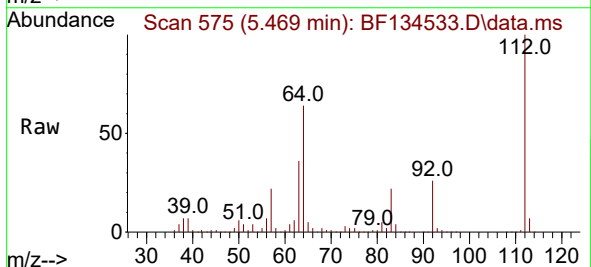
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

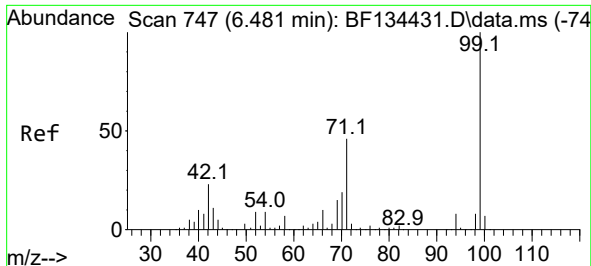
Tgt Ion:152 Resp: 95879
Ion Ratio Lower Upper
152 100
150 153.9 128.3 192.5
115 59.5 52.4 78.6



#5
2-Fluorophenol
Concen: 73.696 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:112 Resp: 427668
Ion Ratio Lower Upper
112 100
64 63.6 44.9 67.3
63 35.8 25.4 38.0

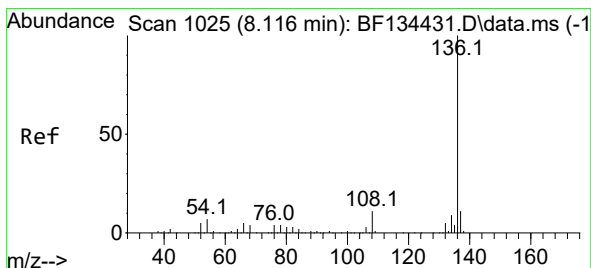
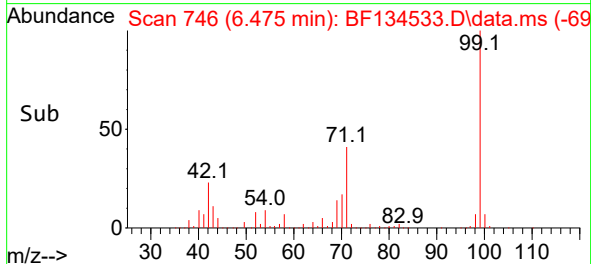
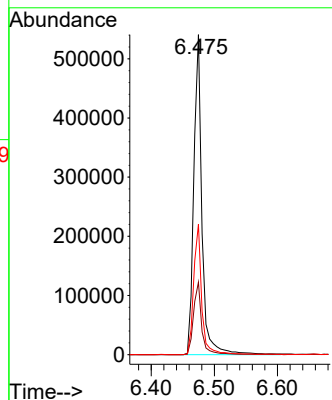
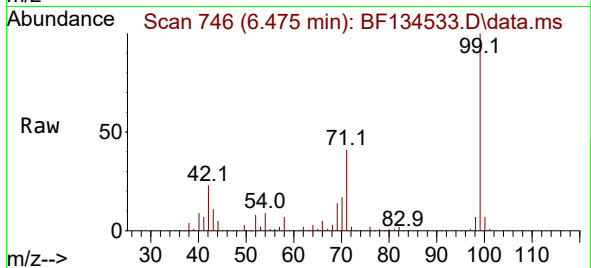




#7
Phenol-d6
Concen: 68.809 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

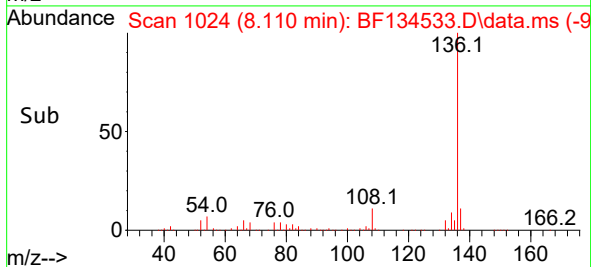
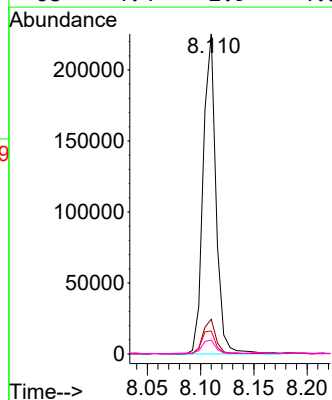
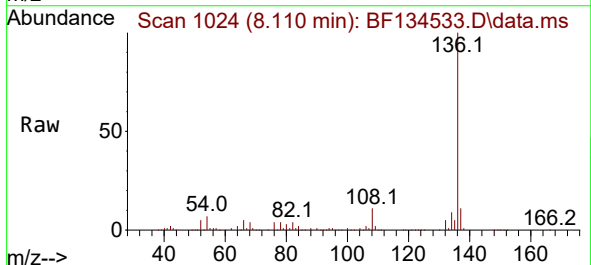
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

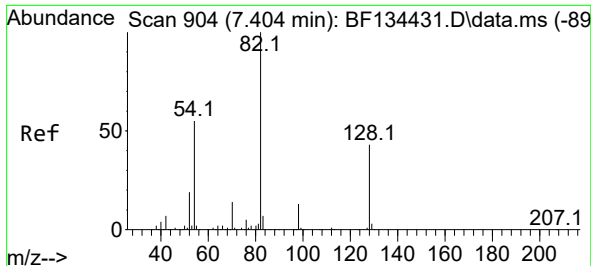
Tgt Ion: 99 Resp: 489234
Ion Ratio Lower Upper
99 100
42 22.7 18.7 28.1
71 40.8 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:136 Resp: 189753
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 5.2 7.8
68 4.4 2.9 4.3





#23

Nitrobenzene-d5

Concen: 81.219 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

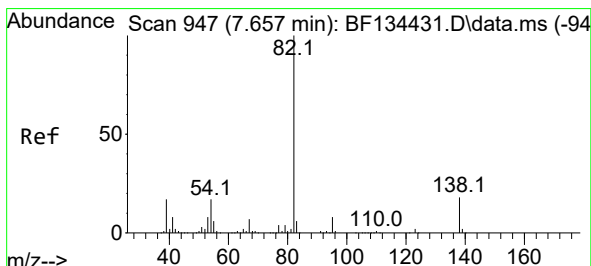
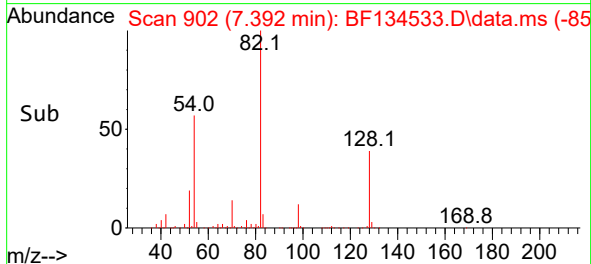
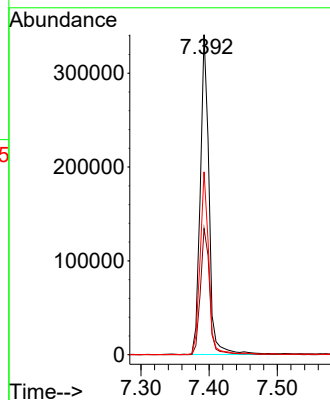
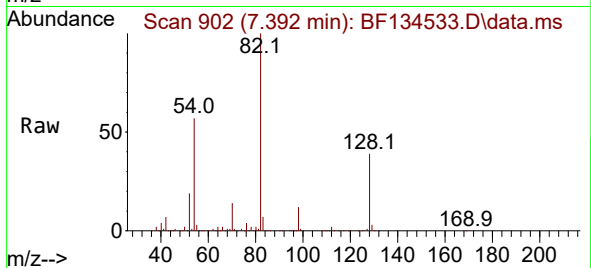
Tgt Ion: 82 Resp: 304611

Ion Ratio Lower Upper

82 100

128 39.5 34.3 51.5

54 57.2 43.8 65.6



#25

Isophorone

Concen: 48.599 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.259 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

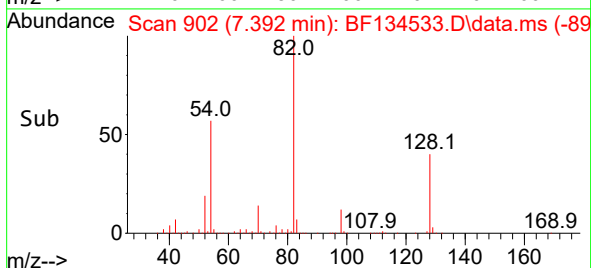
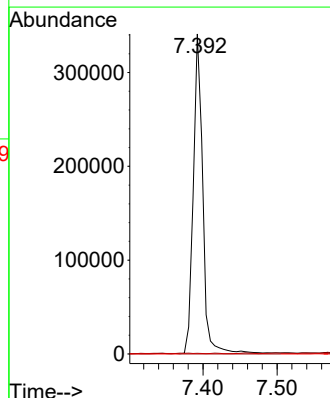
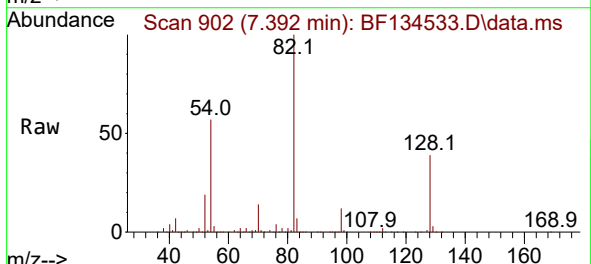
Tgt Ion: 82 Resp: 303772

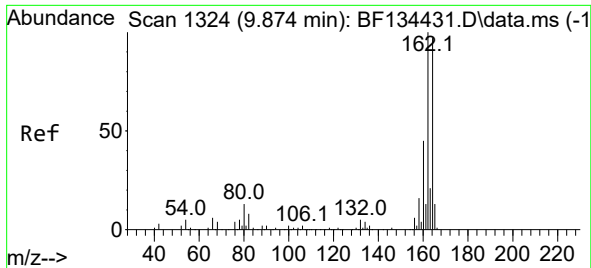
Ion Ratio Lower Upper

82 100

95 0.2 6.0 9.0#

138 0.0 14.6 22.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

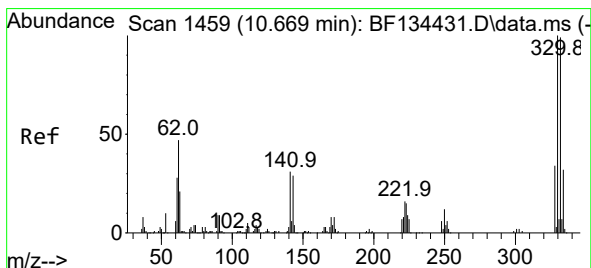
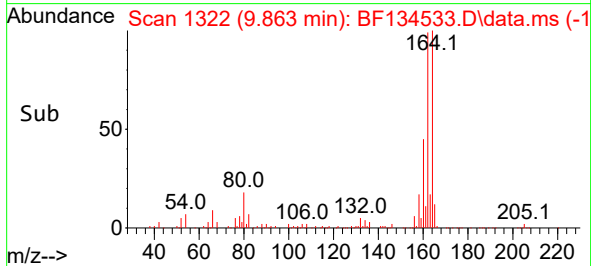
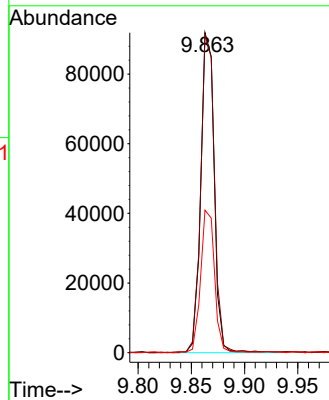
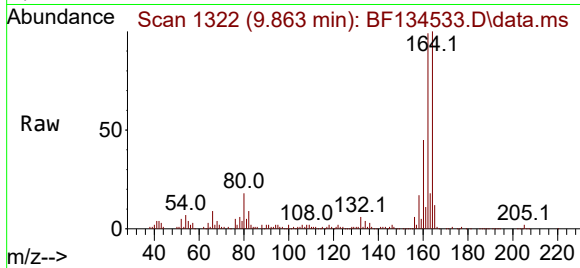
Tgt Ion:164 Resp: 80955

Ion Ratio Lower Upper

164 100

162 99.4 82.6 123.8

160 44.6 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 60.530 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

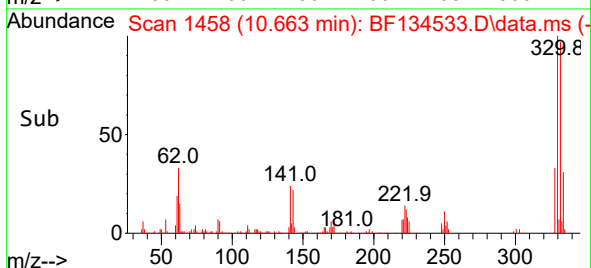
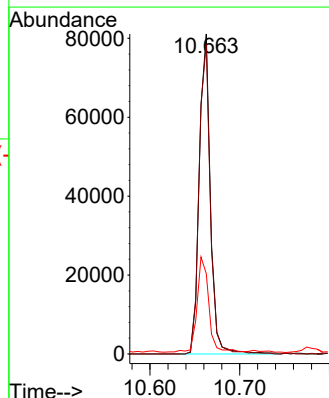
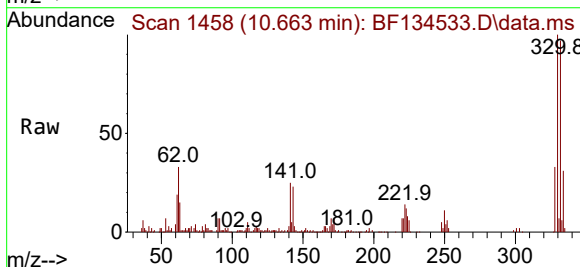
Tgt Ion:330 Resp: 69623

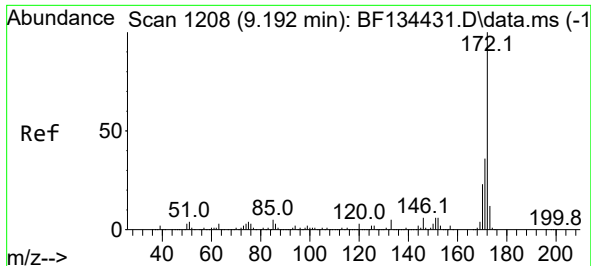
Ion Ratio Lower Upper

330 100

332 98.5 78.8 118.2

141 31.2 25.4 38.2

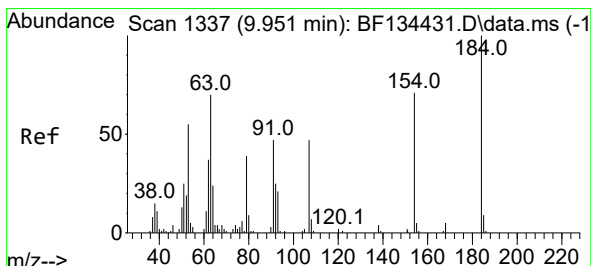
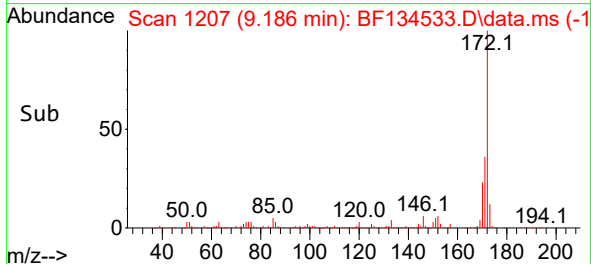
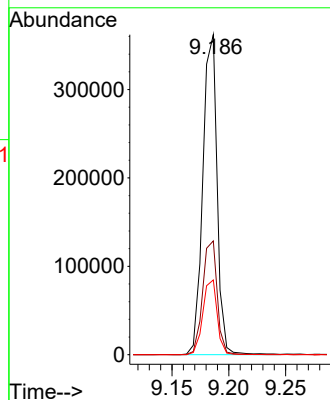
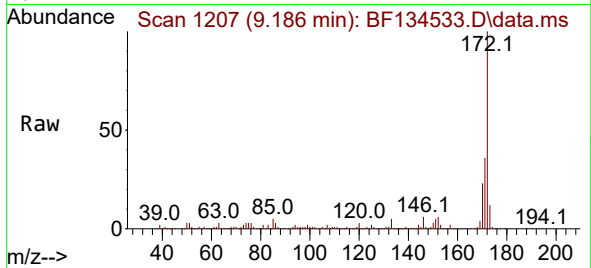




#45
2-Fluorobiphenyl
Concen: 51.287 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

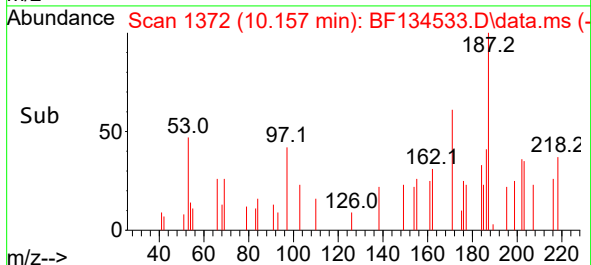
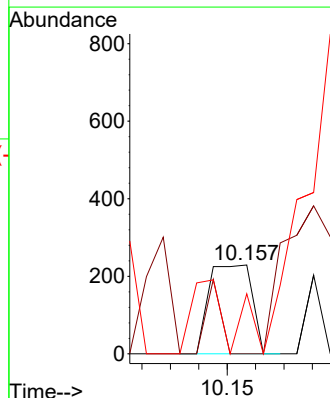
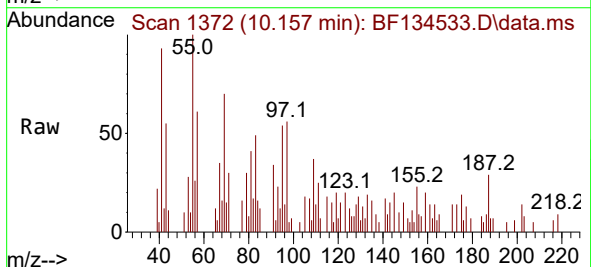
Instrument :
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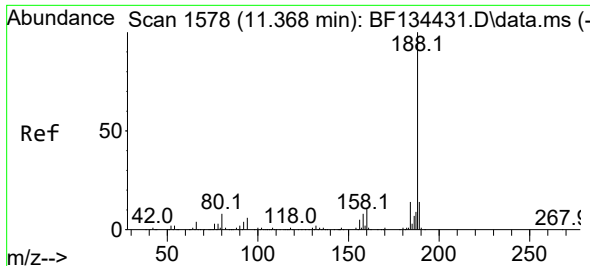
Tgt Ion:172 Resp: 316268
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 18.7 28.1



#54
2,4-Dinitrophenol
Concen: 6.888 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.212 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:184 Resp: 240
Ion Ratio Lower Upper
184 100
63 0.0 57.1 85.7#
154 67.7 59.1 88.7

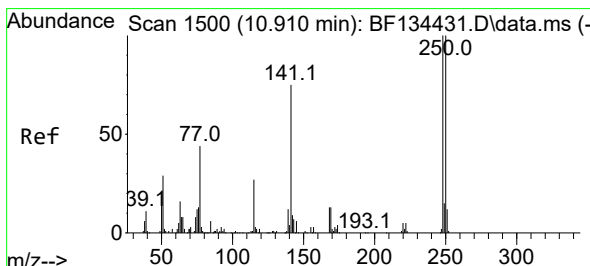
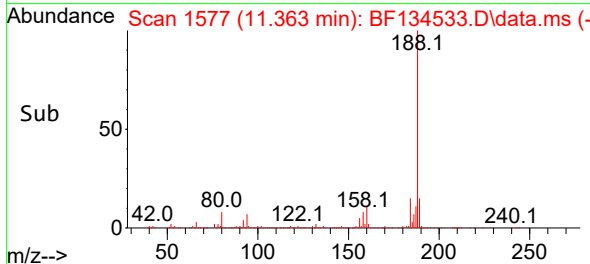
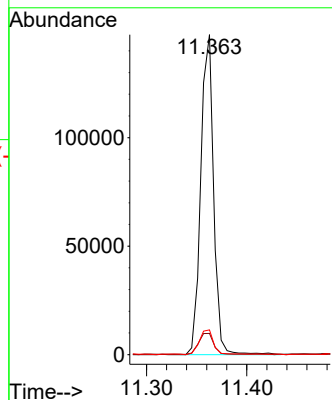
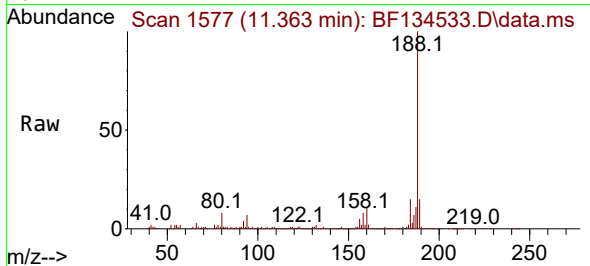




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

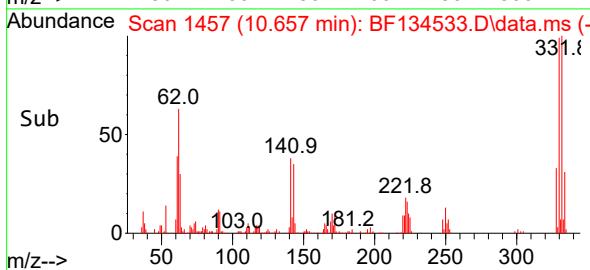
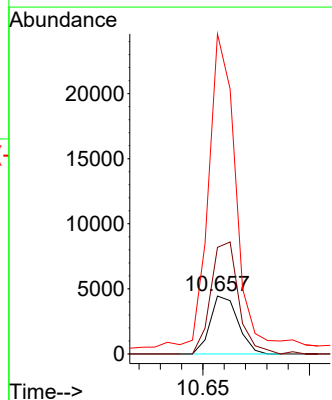
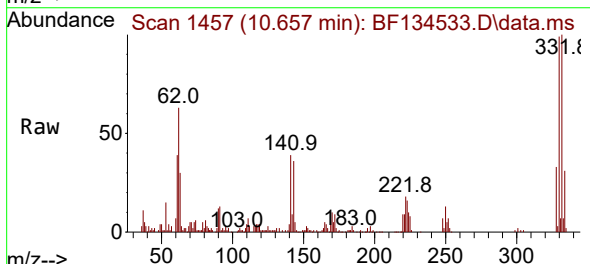
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

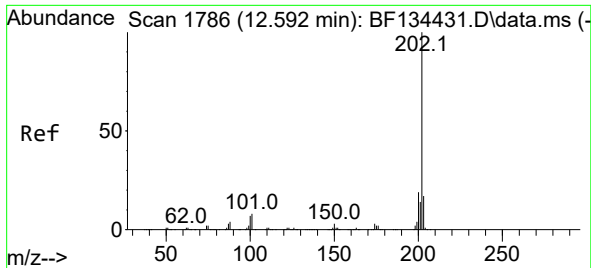
Tgt Ion:188 Resp: 131832
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.8 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 2.795 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.241 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:248 Resp: 4037
Ion Ratio Lower Upper
248 100
250 184.2 79.6 119.4#
141 553.2 59.6 89.4#

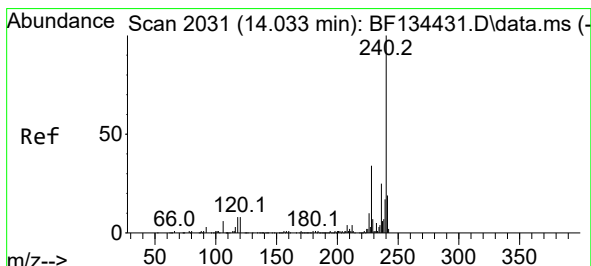
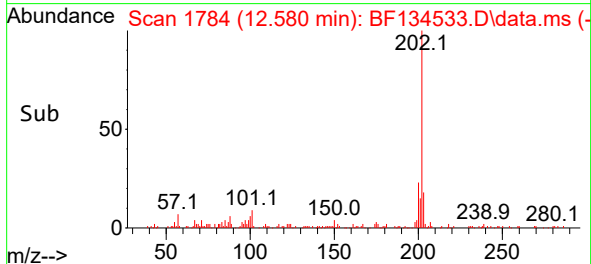
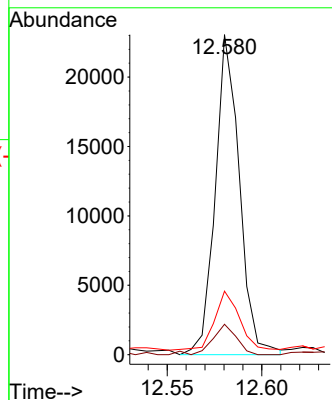
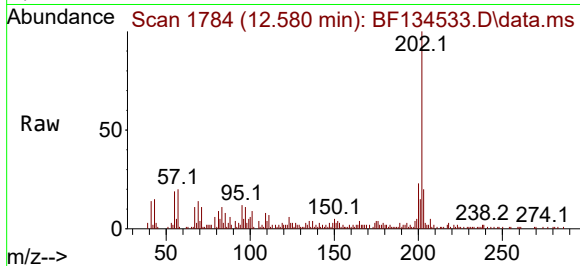




#75
Fluoranthene
Concen: 2.549 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

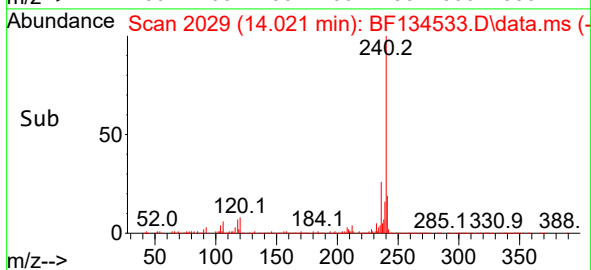
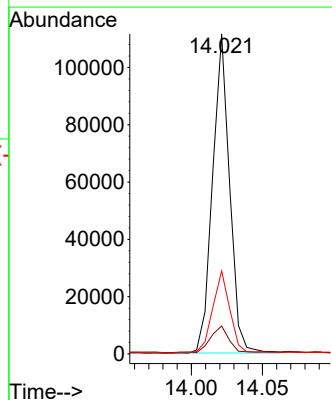
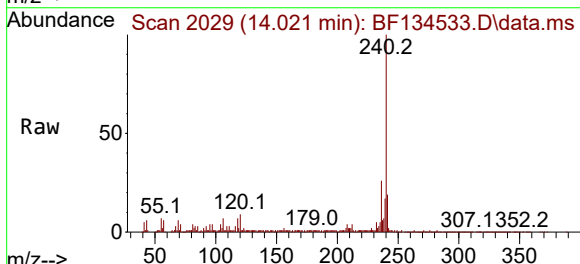
Instrument :
BNA_F
ClientSampleId :
HOWE-2-LP

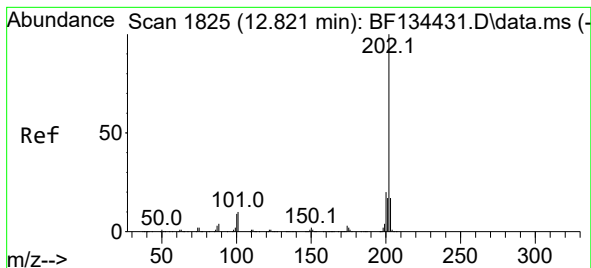
Tgt Ion:	202	Resp:	20465
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	28.5
203	19.9	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134533.D
Acq: 29 Jul 2023 01:15

Tgt Ion:	240	Resp:	92893
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.6	10.0
236	26.0	20.2	30.2





#78

Pyrene

Concen: 2.472 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.006 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

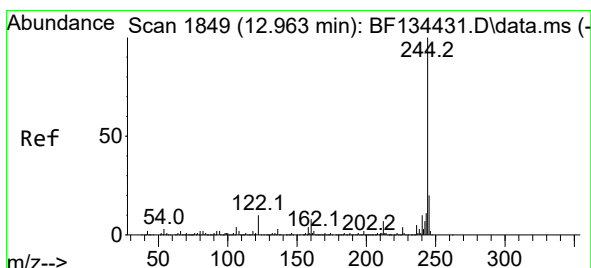
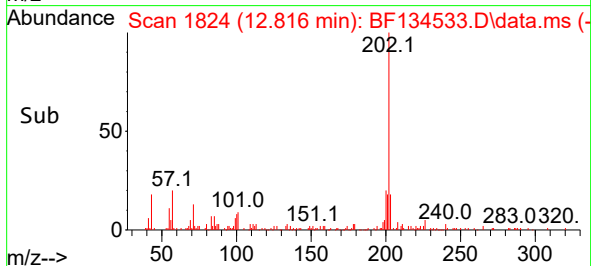
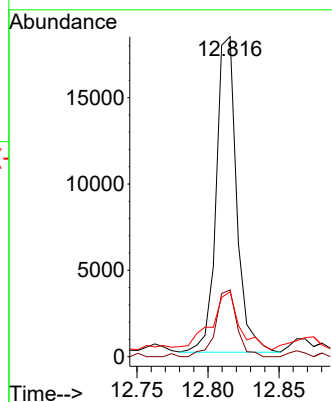
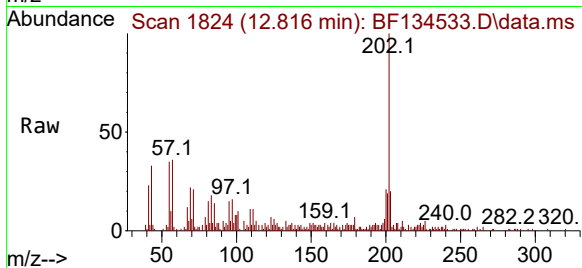
Tgt Ion:202 Resp: 18260

Ion Ratio Lower Upper

202 100

200 20.9 15.8 23.8

203 20.2 13.5 20.3



#79

Terphenyl-d14

Concen: 54.140 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

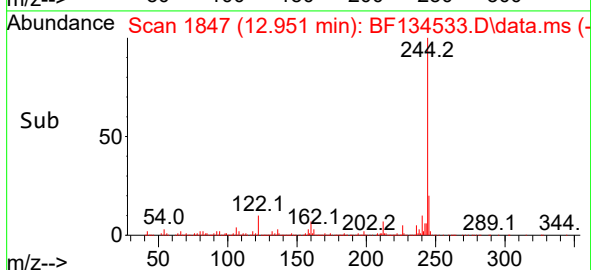
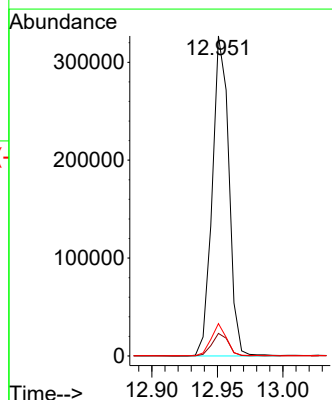
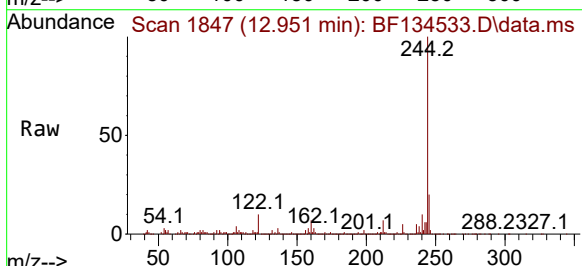
Tgt Ion:244 Resp: 288096

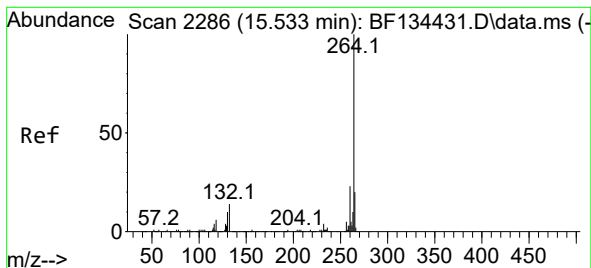
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.1 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP

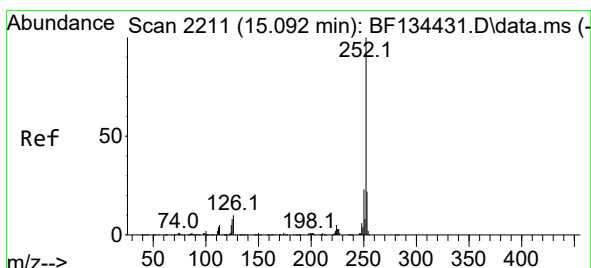
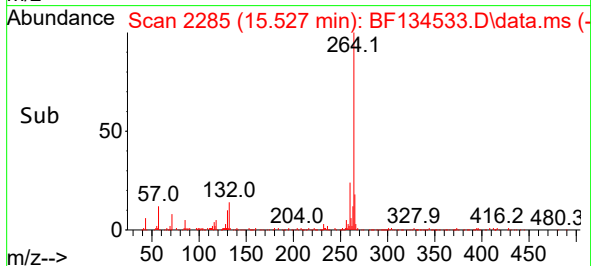
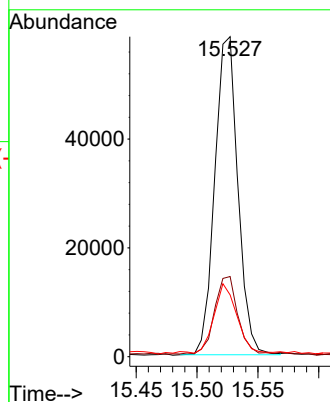
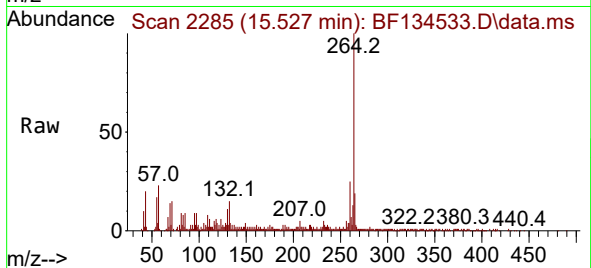
Tgt Ion:264 Resp: 77156

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 19.3 15.8 23.8



#88

Benzo(b)fluoranthene

Concen: 2.548 ng

RT: 15.080 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF134533.D

Acq: 29 Jul 2023 01:15

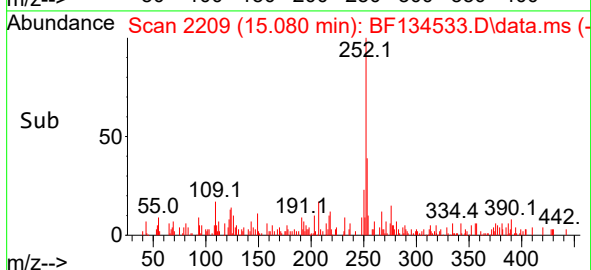
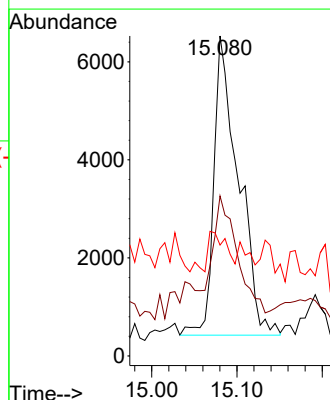
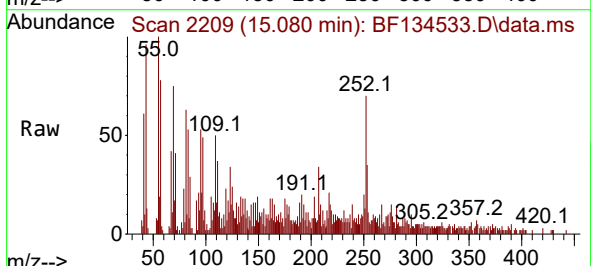
Tgt Ion:252 Resp: 12297

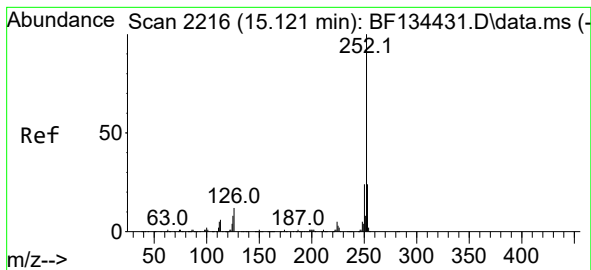
Ion Ratio Lower Upper

252 100

253 50.0 17.3 25.9#

125 34.6 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.591 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF134533.D

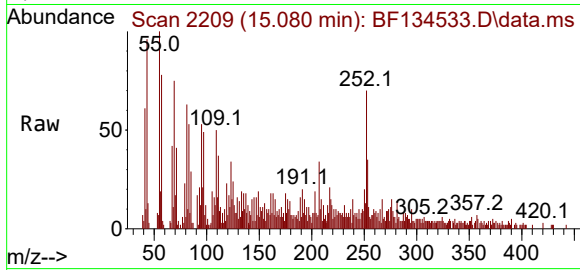
Acq: 29 Jul 2023 01:15

Instrument :

BNA_F

ClientSampleId :

HOWE-2-LP



Tgt Ion:252 Resp: 12297

Ion Ratio Lower Upper

252 100

253 50.0 17.9 26.9#

125 34.6 6.3 9.5#

