

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131140.D
 Acq On : 11 Nov 2022 00:15
 Operator : CG\JU
 Sample : N5491-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Nov 11 00:53:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

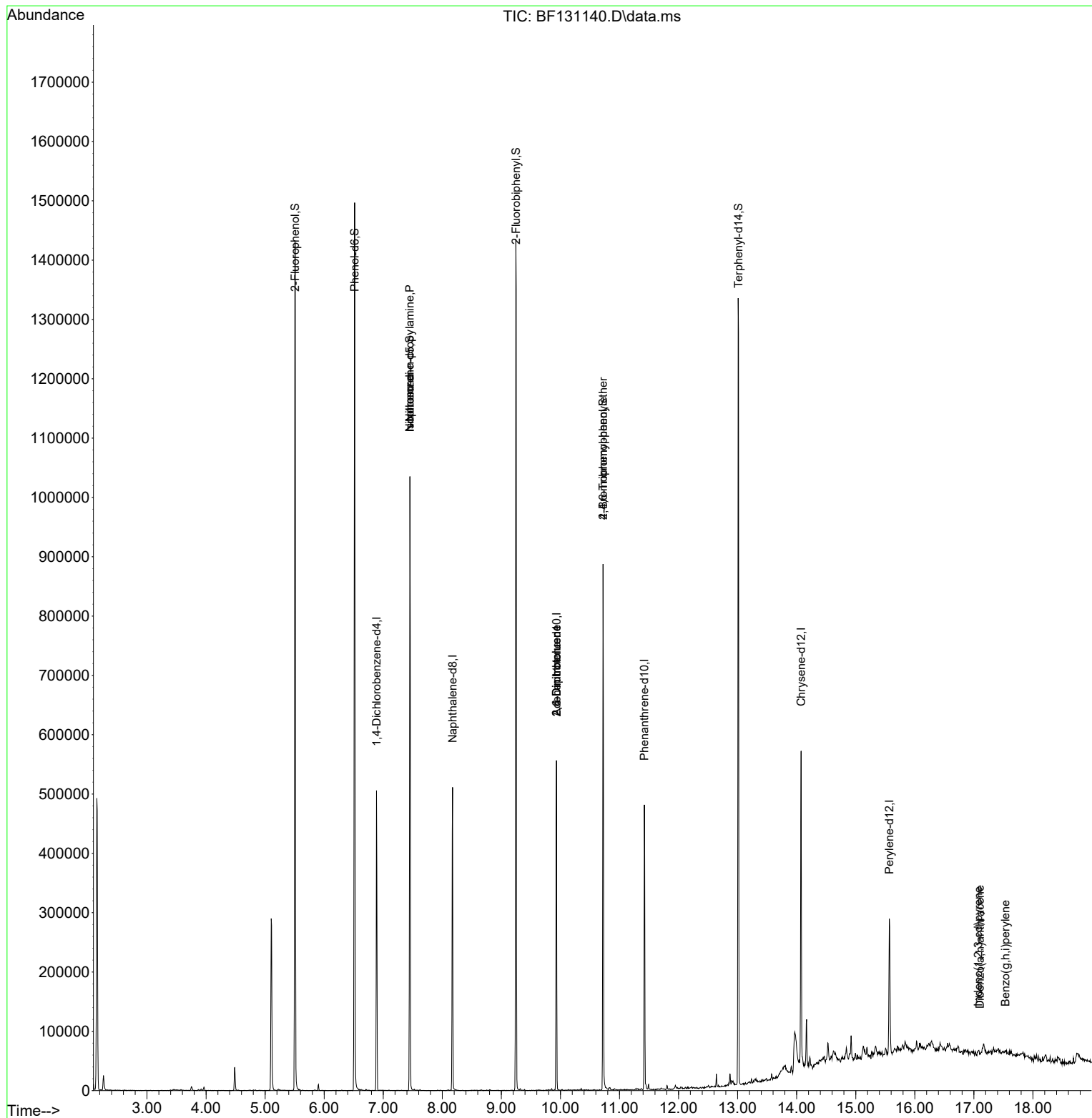
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	63540	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	208153	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	106288	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	169484	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171394	20.000	ng	0.00
86) Perylene-d12	15.568	264	103278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	366383	98.060	ng	0.00
7) Phenol-d6	6.516	99	435548	89.165	ng	0.00
23) Nitrobenzene-d5	7.451	82	308512	66.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	91339	83.152	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	435720	57.227	ng	0.00
79) Terphenyl-d14	13.016	244	454438	46.488	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	42181	13.152	ng	# 75
25) Isophorone	7.451	82	308508	43.249	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	13588	8.178	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	13588	6.152	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	5893	3.075	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.074	276	2773	4.167	ng	95
91) Dibenzo(a,h)anthracene	17.104	278	1415	4.029	ng	# 64
92) Benzo(g,h,i)perylene	17.533	276	3098	4.754	ng	# 67

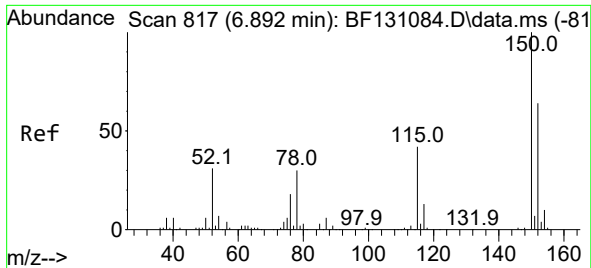
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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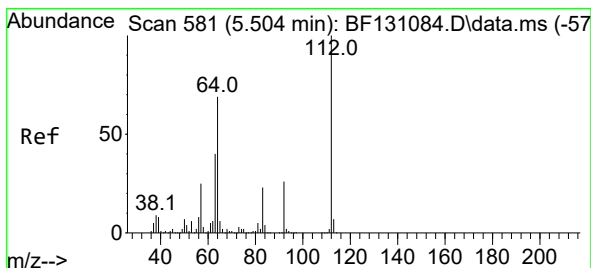
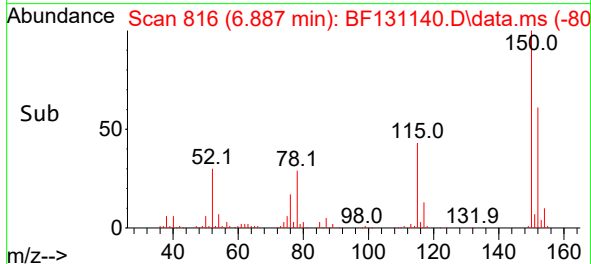
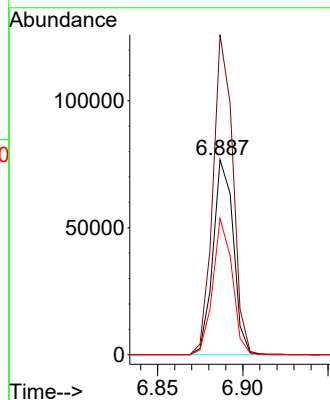
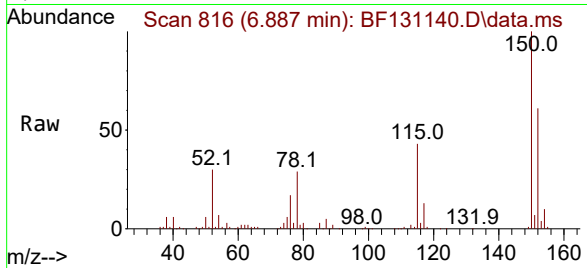




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

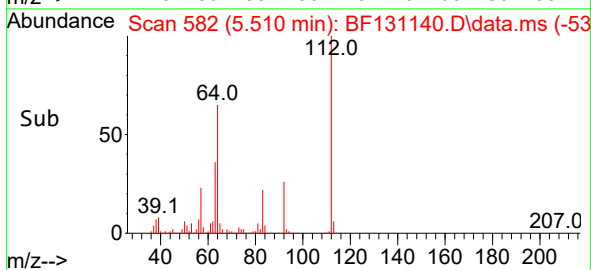
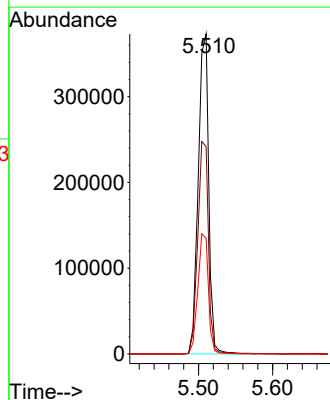
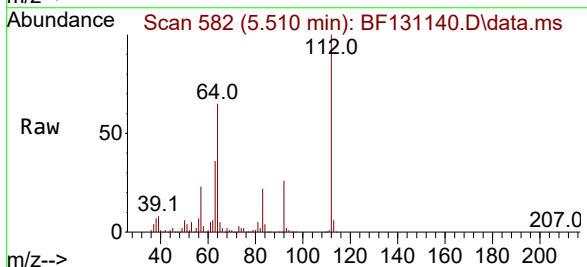
Instrument :
BNA_F
ClientSampleId :
TP-4

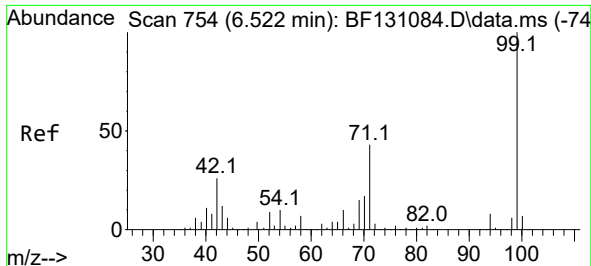
Tgt Ion:152 Resp: 63540
Ion Ratio Lower Upper
152 100
150 164.2 125.5 188.3
115 69.9 52.2 78.2



#5
2-Fluorophenol
Concen: 98.060 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion:112 Resp: 366383
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 36.2 32.4 48.6

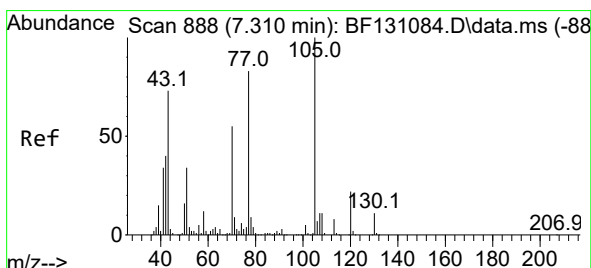
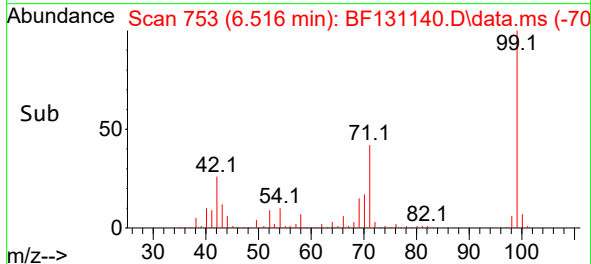
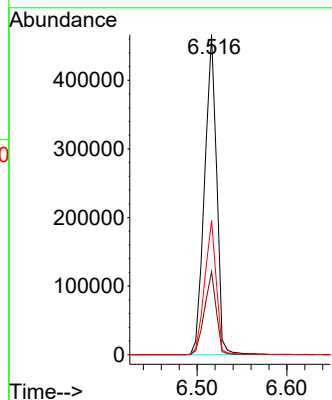
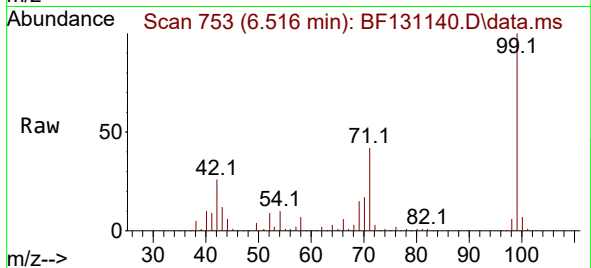




#7
Phenol-d6
Concen: 89.165 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

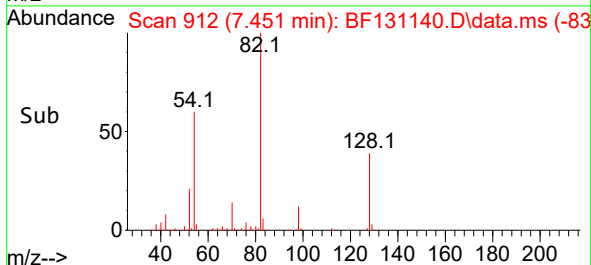
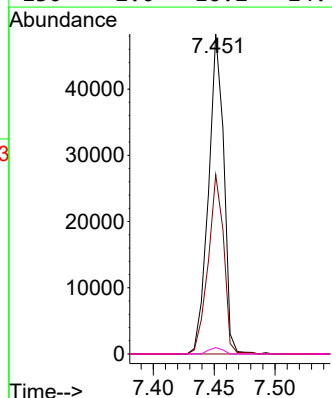
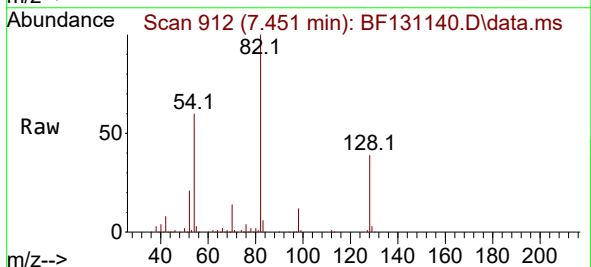
Instrument :
BNA_F
ClientSampleId :
TP-4

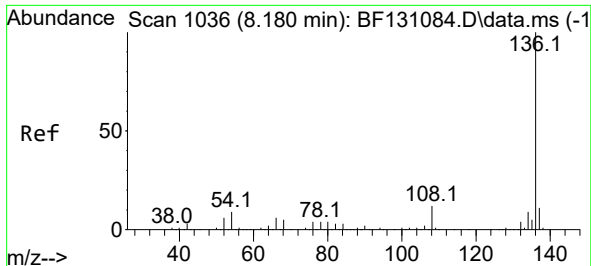
Tgt Ion: 99 Resp: 435548
Ion Ratio Lower Upper
99 100
42 26.0 20.8 31.2
71 41.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.152 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion: 70 Resp: 42181
Ion Ratio Lower Upper
70 100
42 56.0 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

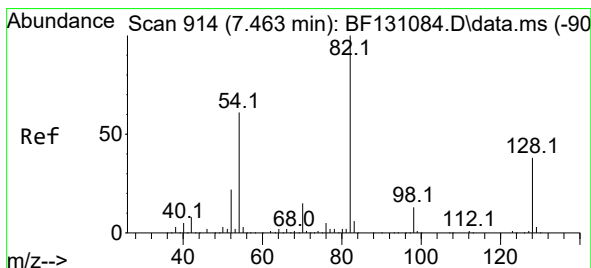
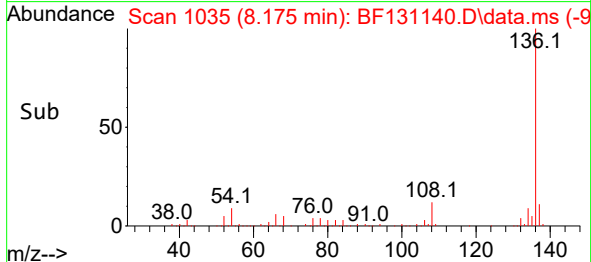
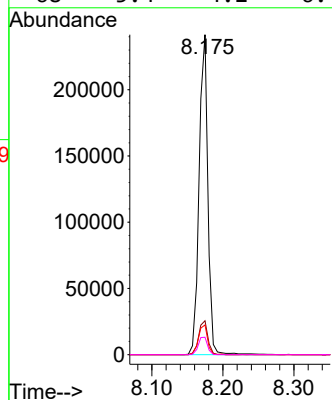
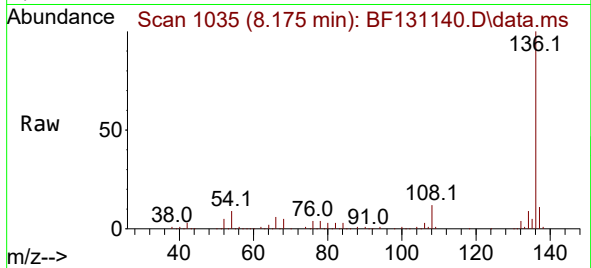




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

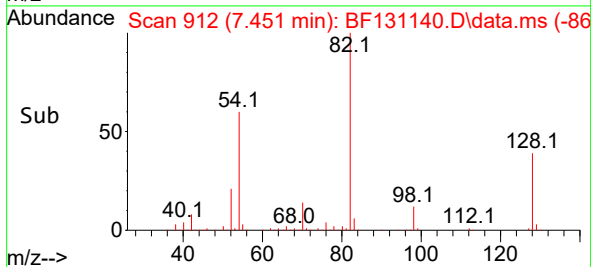
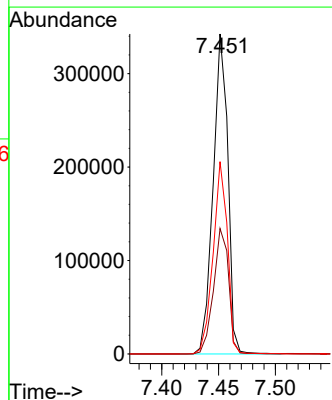
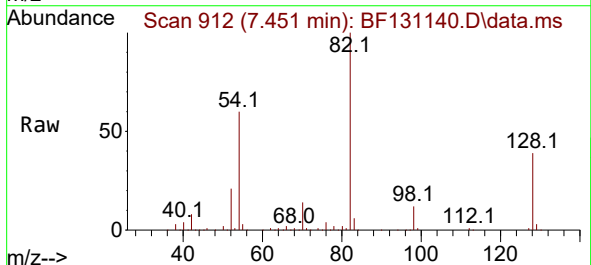
Instrument :
BNA_F
ClientSampleId :
TP-4

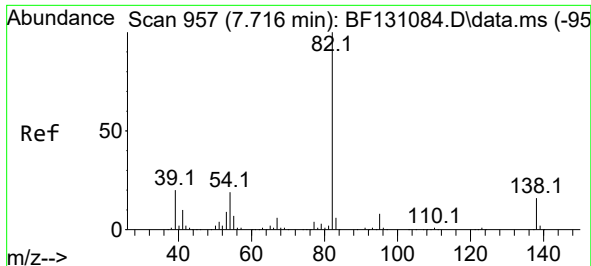
Tgt Ion:136 Resp: 208153
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 7.2 10.8
68 5.4 4.2 6.4



#23
Nitrobenzene-d5
Concen: 66.873 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion: 82 Resp: 308512
Ion Ratio Lower Upper
82 100
128 39.2 30.5 45.7
54 60.1 49.1 73.7

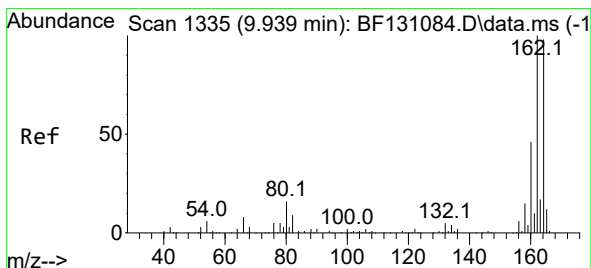
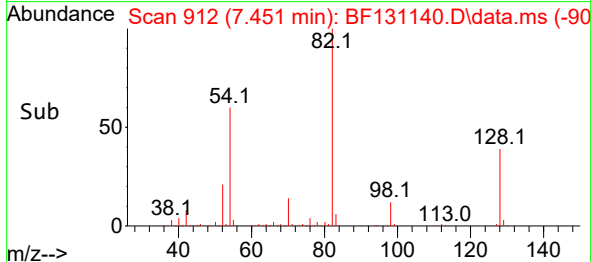
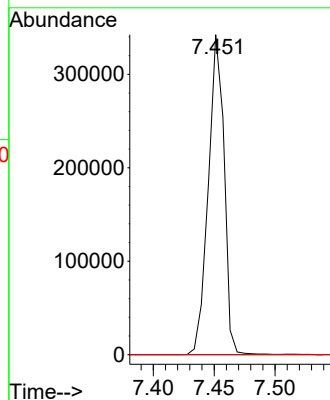
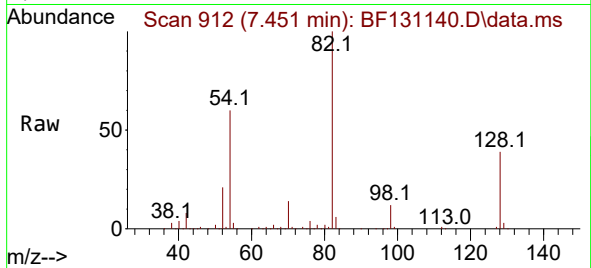




#25
Isophorone
Concen: 43.249 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

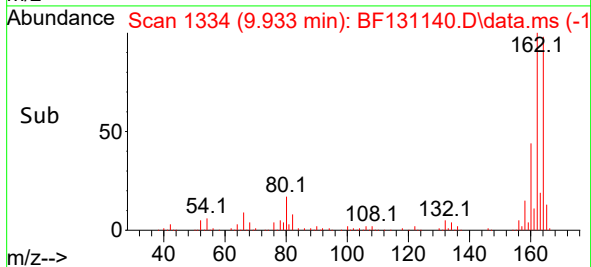
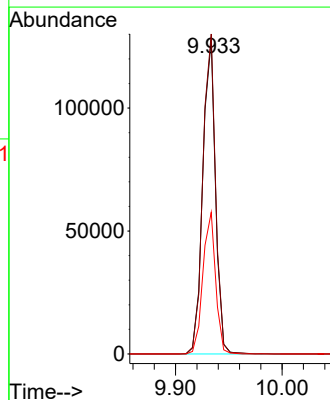
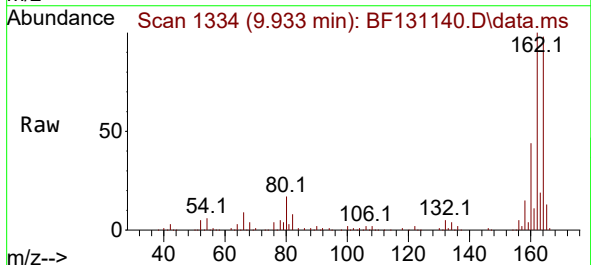
Instrument :
BNA_F
ClientSampleId :
TP-4

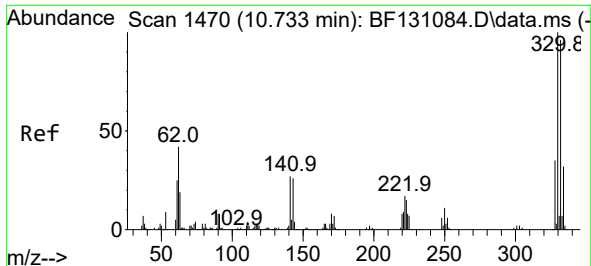
Tgt Ion: 82 Resp: 308508
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion:164 Resp: 106288
Ion Ratio Lower Upper
164 100
162 101.8 81.7 122.5
160 45.0 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 83.152 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131140.D

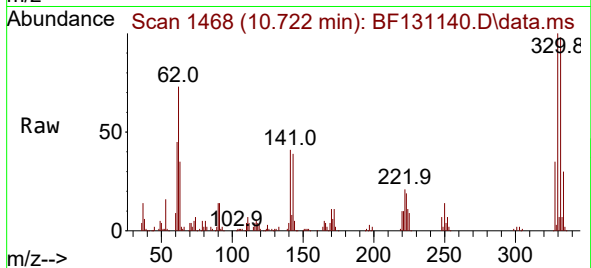
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Instrument :

BNA_F

ClientSampleId :

TP-4



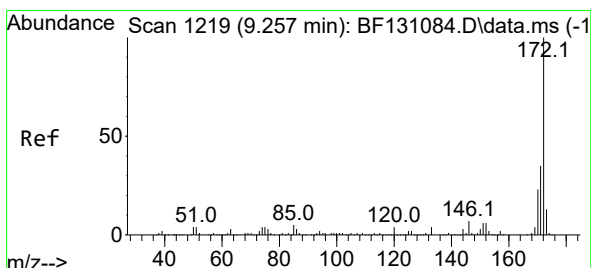
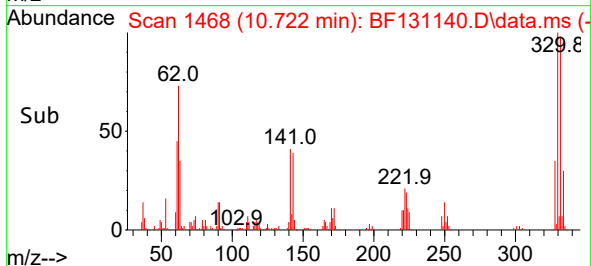
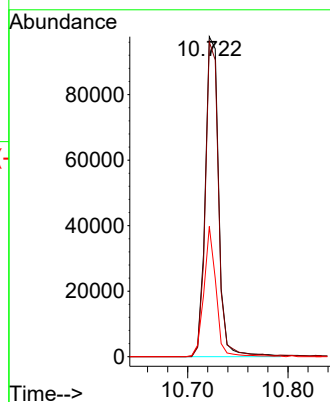
Tgt Ion:330 Resp: 91339

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 36.6 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 57.227 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

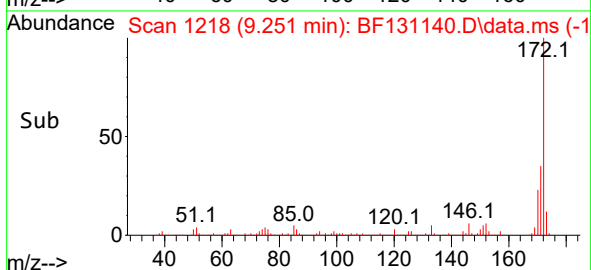
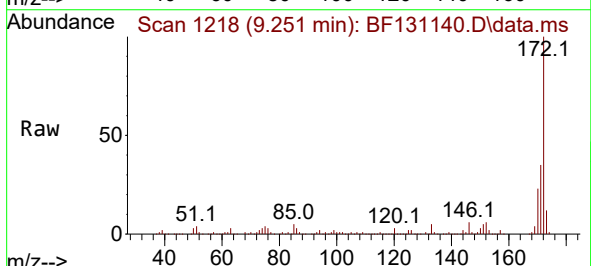
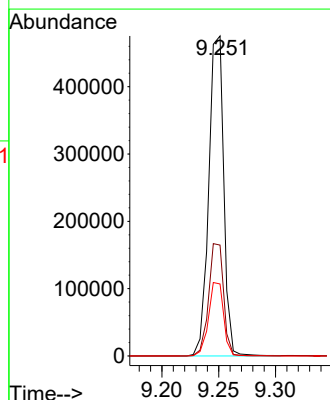
Tgt Ion:172 Resp: 435720

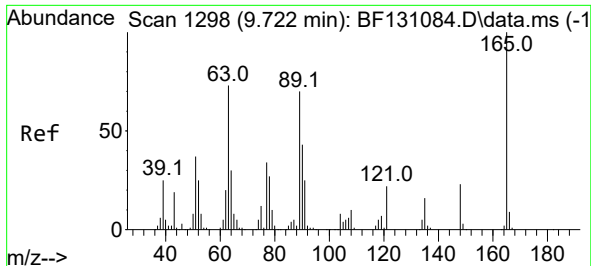
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 22.5 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.178 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

Instrument :

BNA_F

ClientSampleId :

TP-4

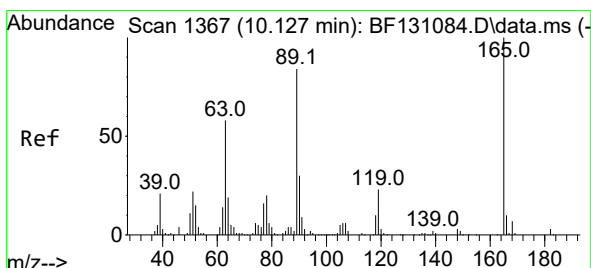
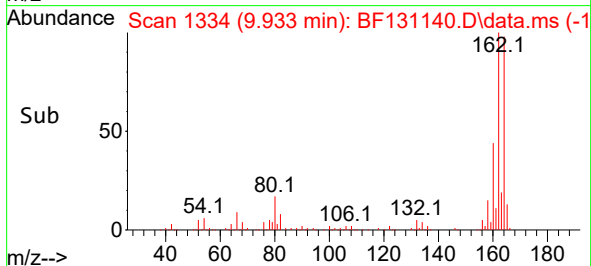
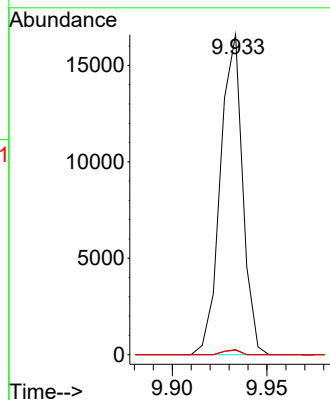
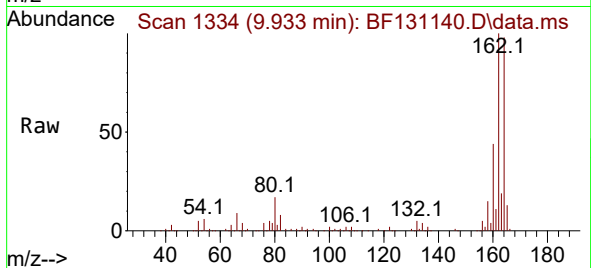
Tgt Ion:165 Resp: 13588

Ion Ratio Lower Upper

165 100

63 1.6 61.4 92.2#

89 1.4 56.0 84.0#



#57

2,4-Dinitrotoluene

Concen: 6.152 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

Tgt Ion:165 Resp: 13588

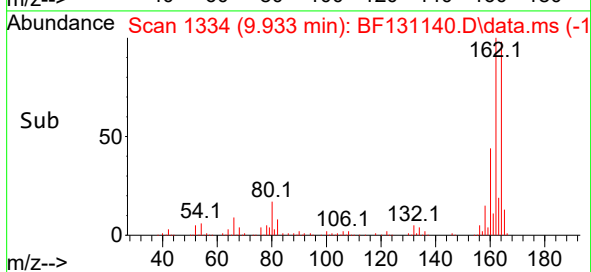
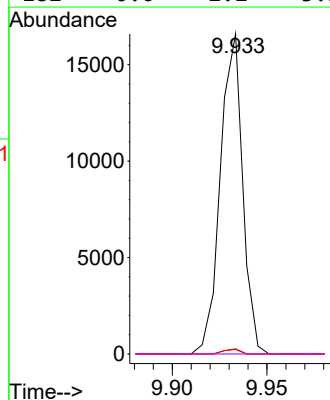
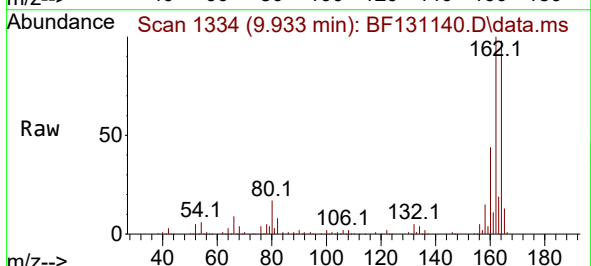
Ion Ratio Lower Upper

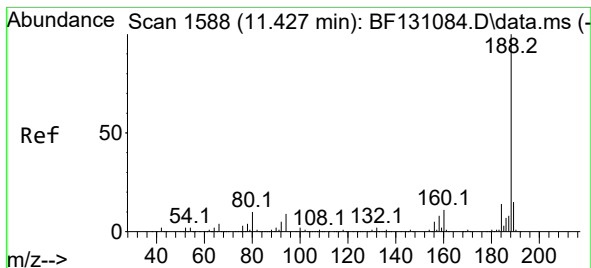
165 100

63 1.6 46.9 70.3#

89 1.4 66.9 100.3#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

Instrument :

BNA_F

ClientSampleId :

TP-4

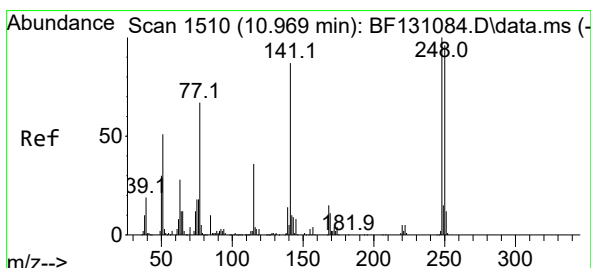
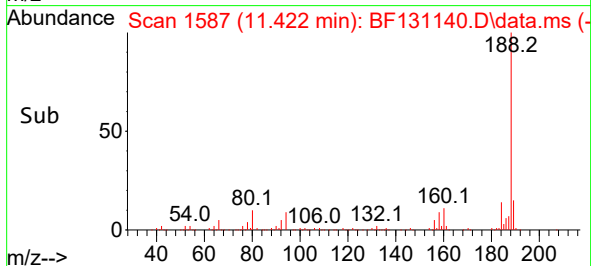
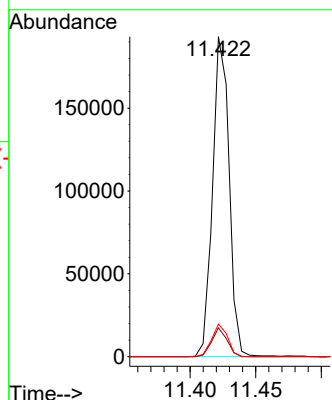
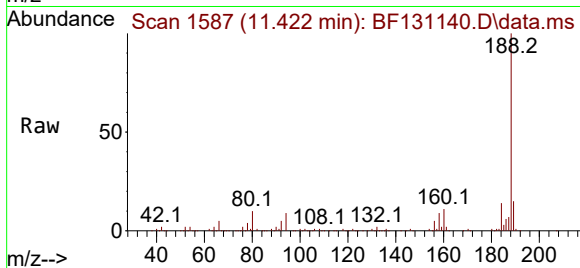
Tgt Ion:188 Resp: 169484

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.2 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.075 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.247 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

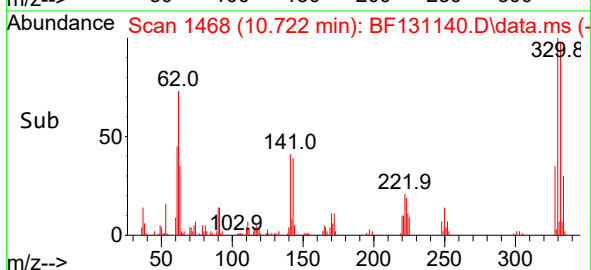
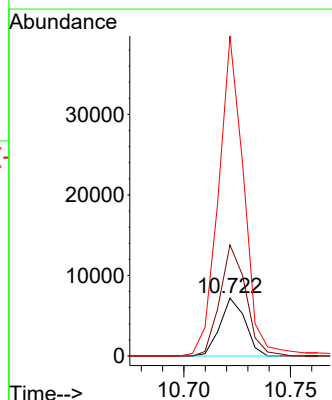
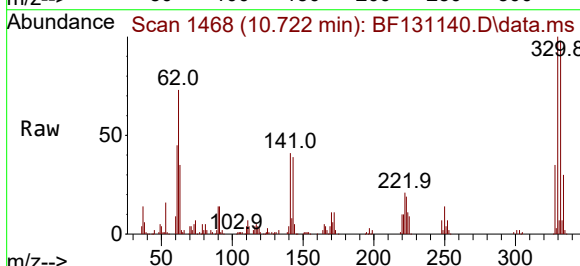
Tgt Ion:248 Resp: 5893

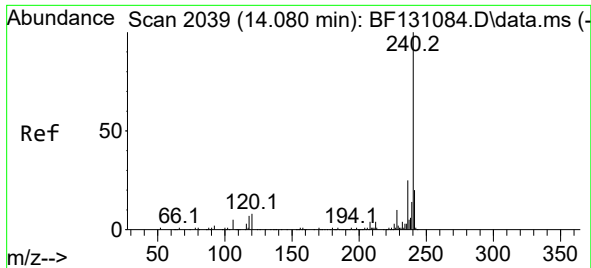
Ion Ratio Lower Upper

248 100

250 192.3 77.0 115.6#

141 554.3 69.7 104.5#

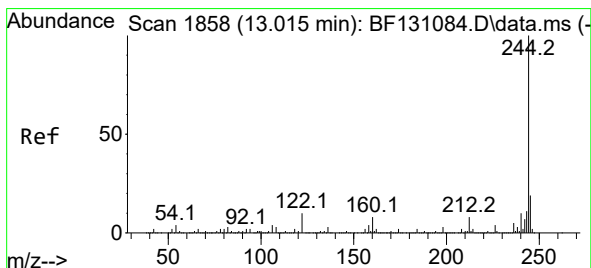
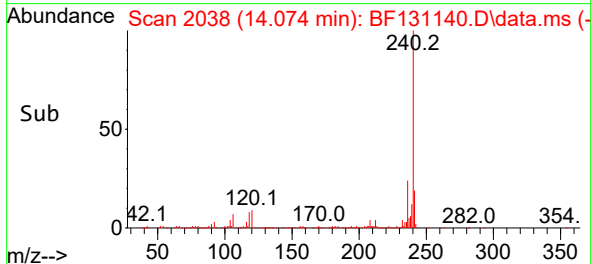
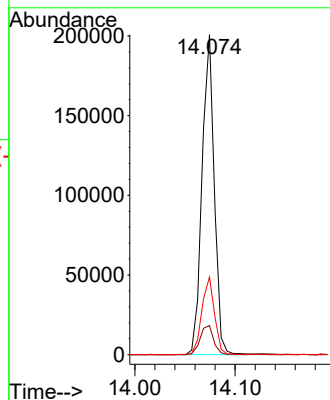
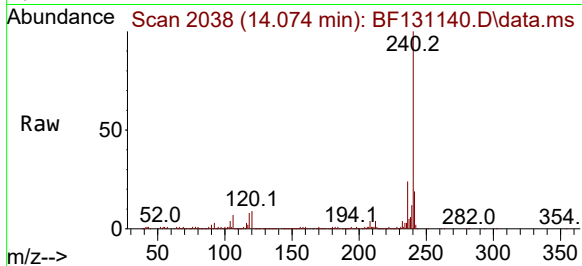




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

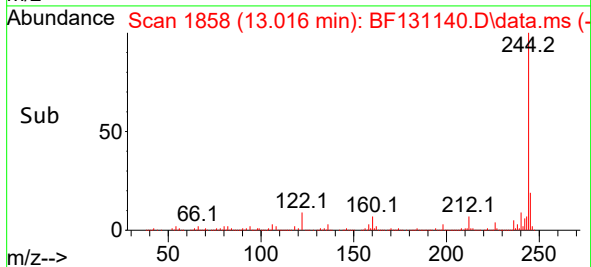
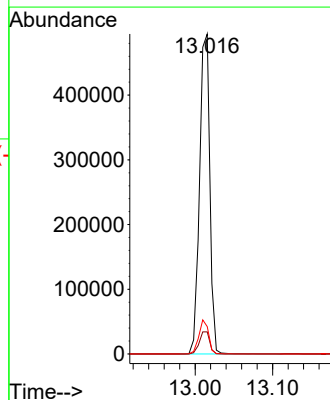
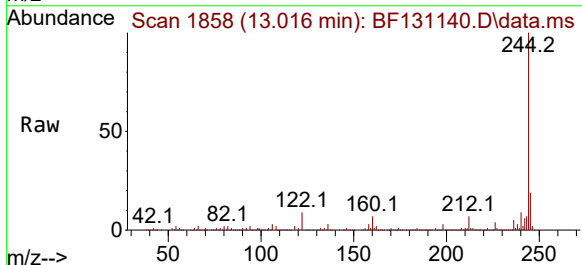
Instrument :
BNA_F
ClientSampleId :
TP-4

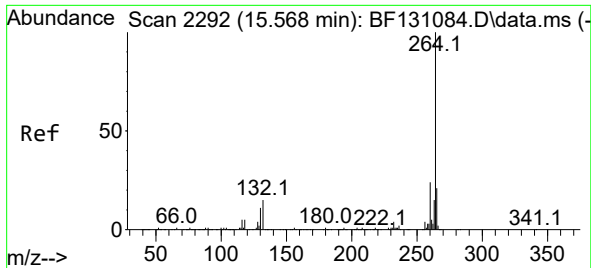
Tgt Ion:240 Resp: 171394
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 24.3 19.7 29.5



#79
Terphenyl-d14
Concen: 46.488 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion:244 Resp: 454438
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 8.6 7.8 11.8



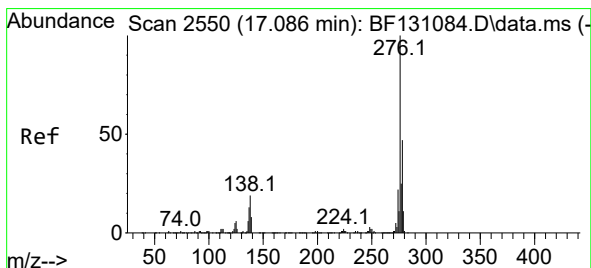
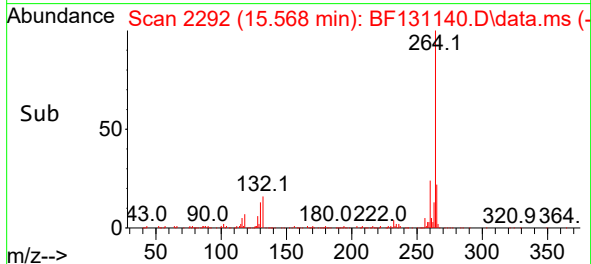
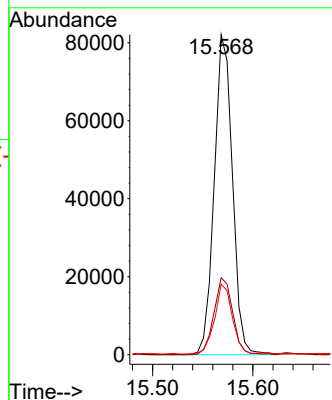
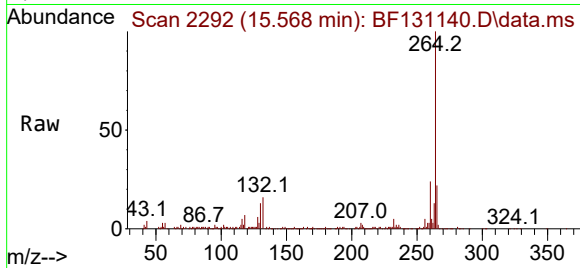


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:264 Resp: 103278

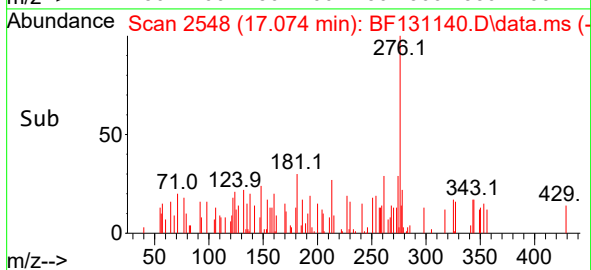
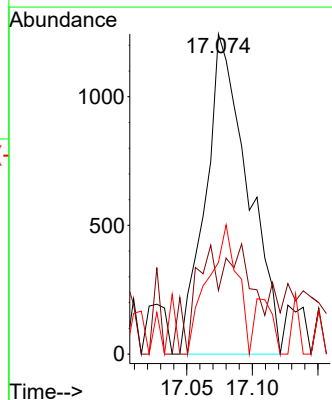
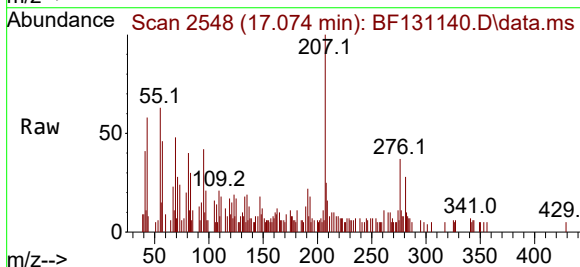
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.1	16.7	25.1

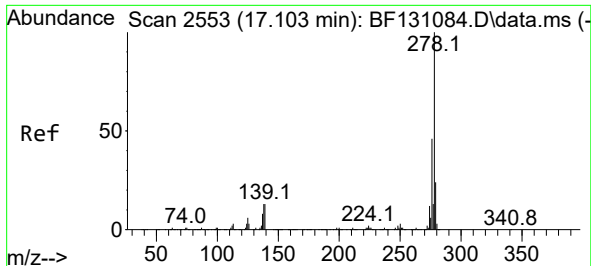


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.167 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion:276 Resp: 2773

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.9	25.3
277	28.3	20.3	30.5

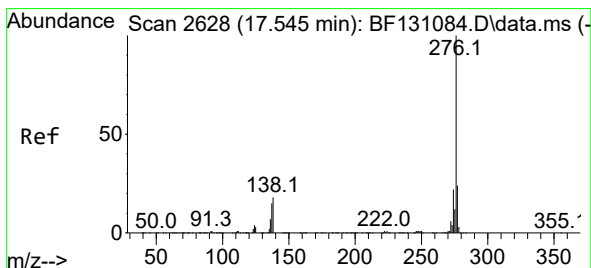
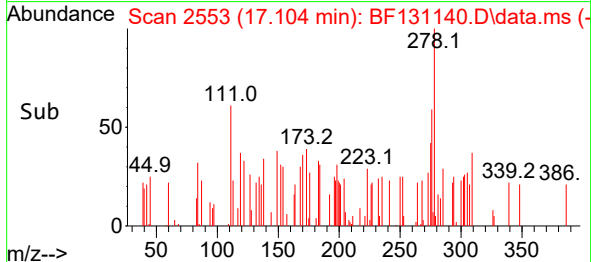
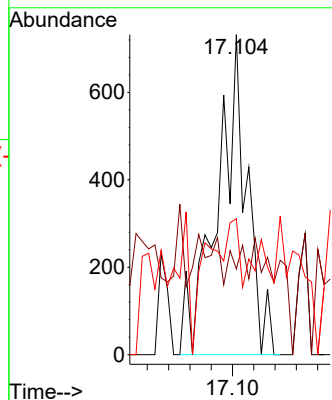
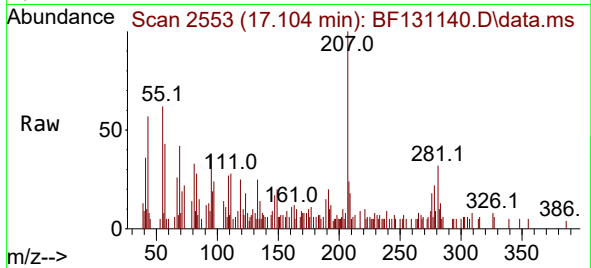




#91
Dibenzo(a,h)anthracene
Concen: 4.029 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:278 Resp: 1415
Ion Ratio Lower Upper
278 100
139 26.8 10.8 16.2#
279 42.5 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.754 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion:276 Resp: 3098
Ion Ratio Lower Upper
276 100
277 43.8 19.0 28.4#
138 28.5 14.6 21.8#

