

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131485.D
 Acq On : 01 Dec 2022 11:03
 Operator : CG\JU
 Sample : PB149356BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149356BL

Quant Time: Dec 02 03:25:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

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

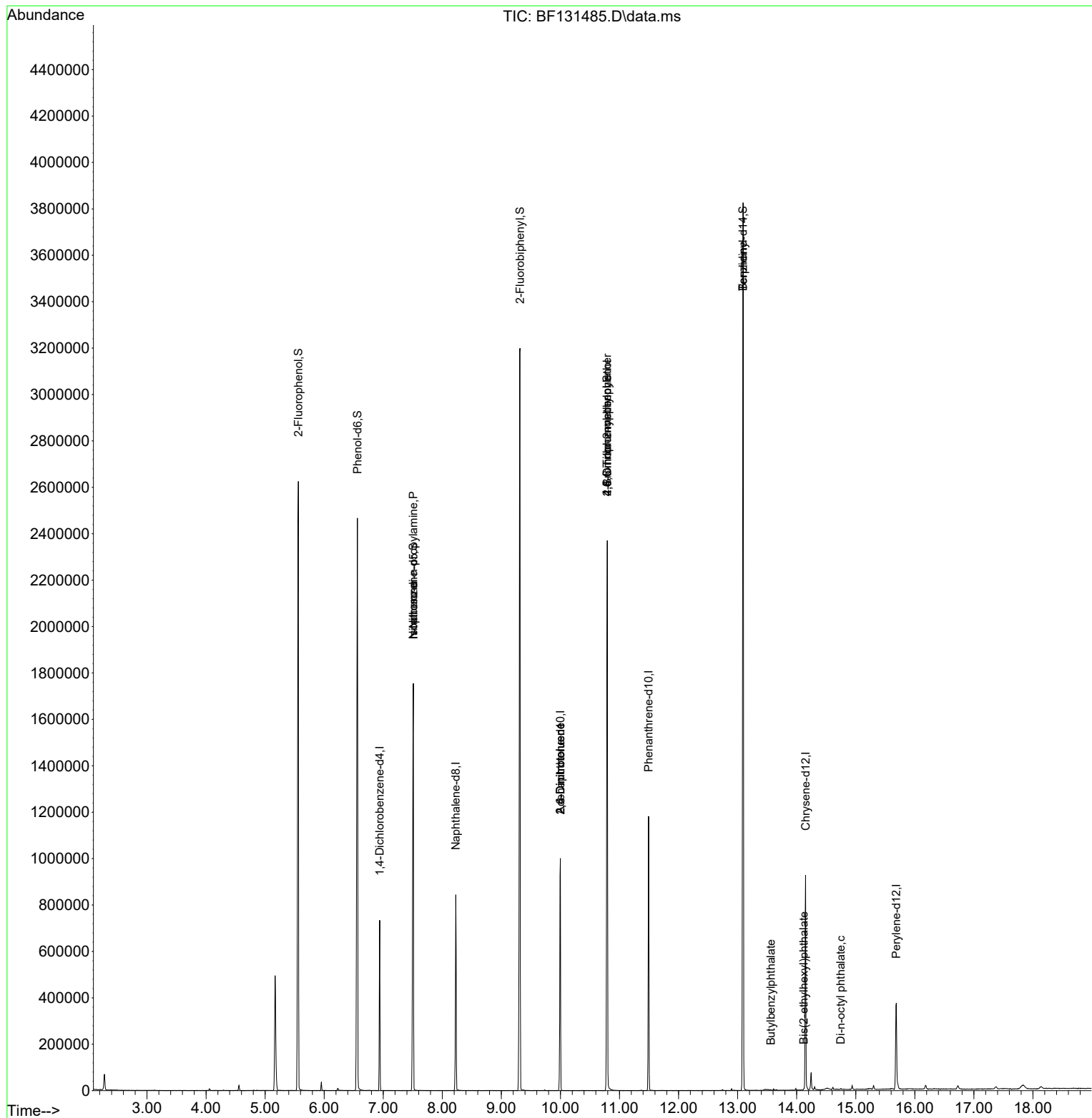
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	100532	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	368280	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	214536	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	401457	20.000	ng	-0.01
76) Chrysene-d12	14.151	240	322327	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	188510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	766909	145.187	ng	0.00
7) Phenol-d6	6.563	99	972427	144.288	ng	0.00
23) Nitrobenzene-d5	7.510	82	617704	84.549	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	295189	163.548	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1161513	78.765	ng	0.00
79) Terphenyl-d14	13.092	244	1512159	76.717	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	1570	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.510	70	84037	17.033	ng	# 68
25) Isophorone	7.510	82	616385	47.289	ng	# 68
51) 2,6-Dinitrotoluene	9.998	165	27280	9.126	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	27280	7.253	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.792	198	574	4.947	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	18960	3.853	ng	# 1
77) Benzidine	13.092	184	18678	3.137	ng	# 93
80) Butylbenzylphthalate	13.563	149	601	4.201	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.121	149	1384	3.849	ng	# 92
85) Di-n-octyl phthalate	14.745	149	2677	4.071	ng	# 91

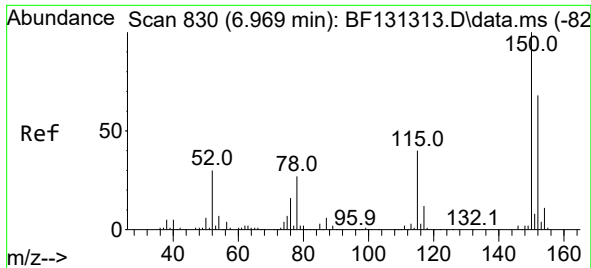
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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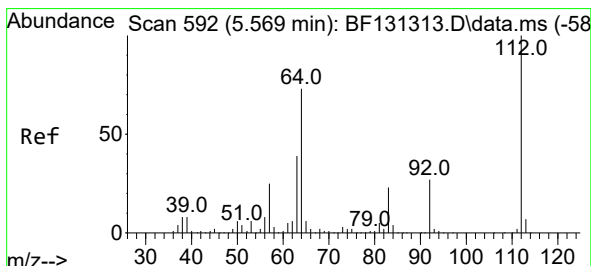
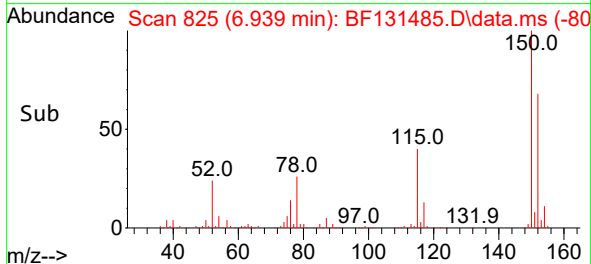
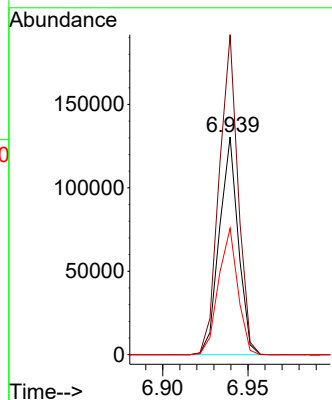
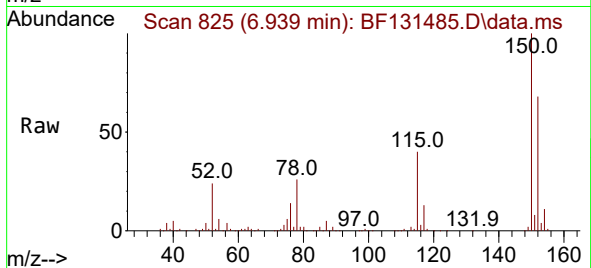




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

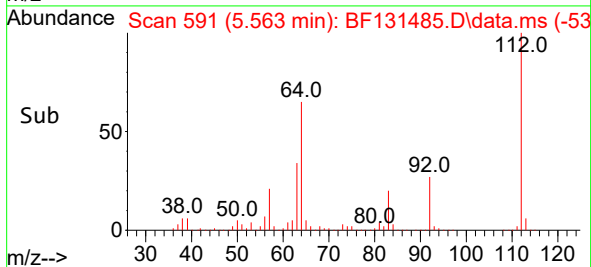
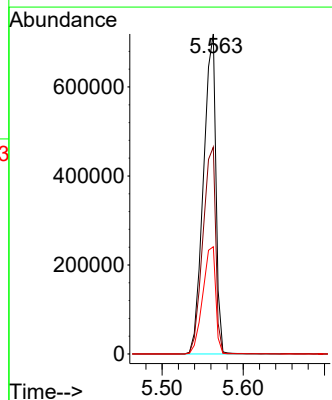
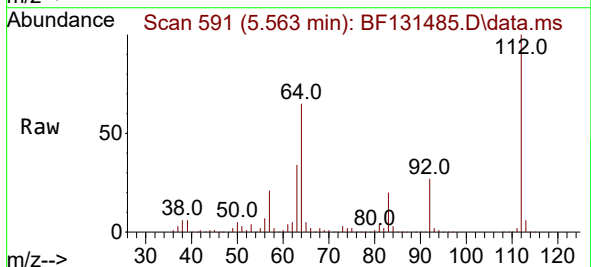
Instrument :
BNA_F
ClientSampleId :
PB149356BL

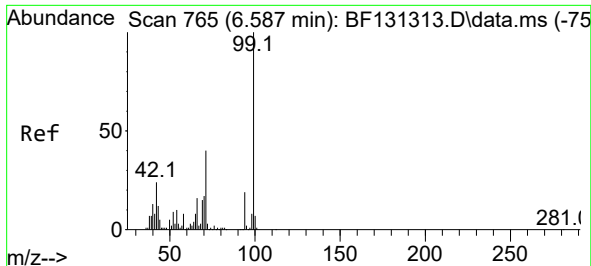
Tgt Ion:152 Resp: 100532
Ion Ratio Lower Upper
152 100
150 146.9 117.8 176.8
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 145.187 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion:112 Resp: 766909
Ion Ratio Lower Upper
112 100
64 64.7 58.6 88.0
63 33.5 31.4 47.0

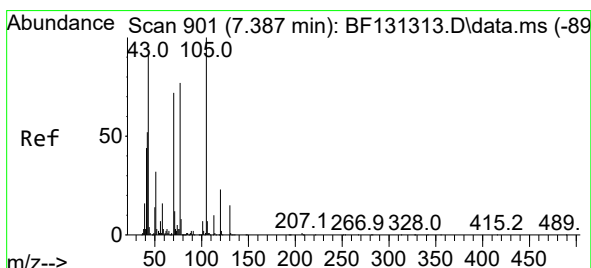
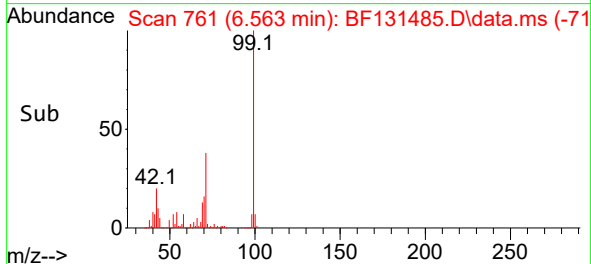
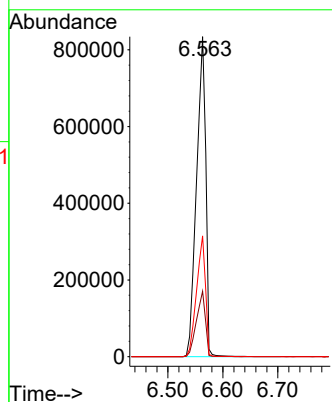
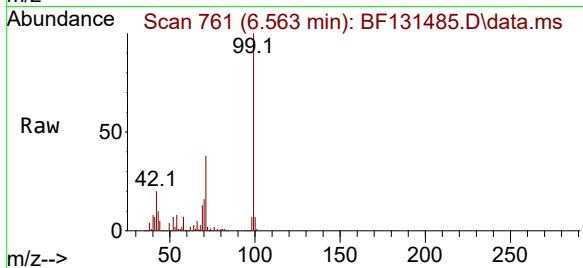




#7
Phenol-d6
Concen: 144.288 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

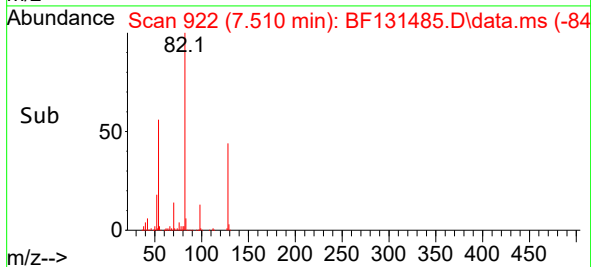
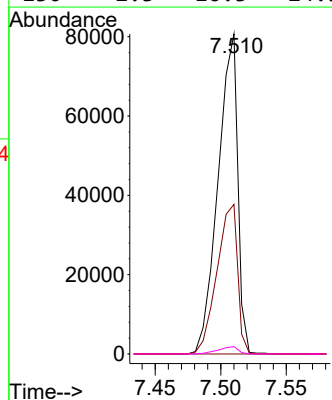
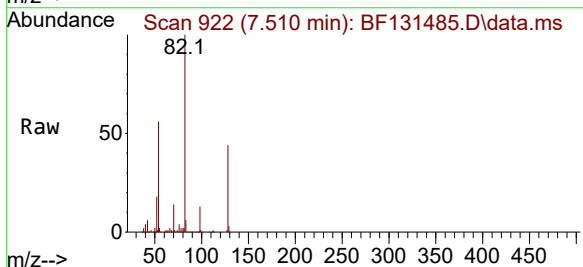
Instrument :
BNA_F
ClientSampleId :
PB149356BL

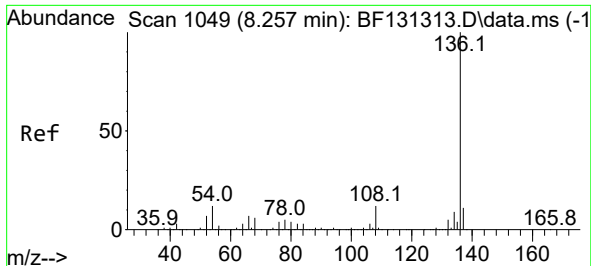
Tgt Ion: 99 Resp: 972427
Ion Ratio Lower Upper
99 100
42 20.5 19.4 29.2
71 37.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.033 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion: 70 Resp: 84037
Ion Ratio Lower Upper
70 100
42 46.7 57.6 86.4#
101 0.0 8.2 12.2#
130 2.3 16.3 24.5#

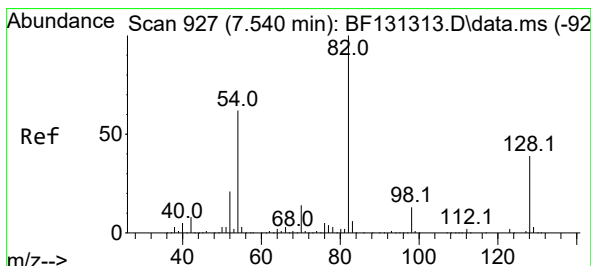
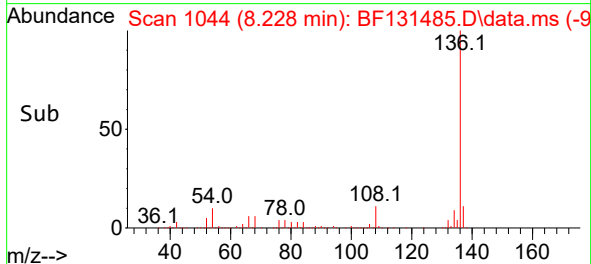
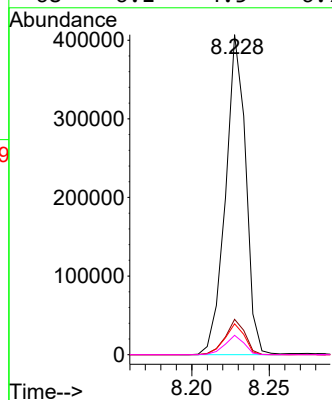
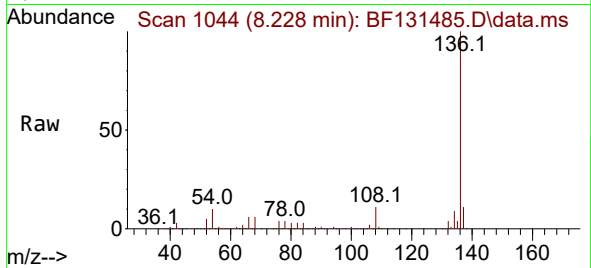




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.012 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

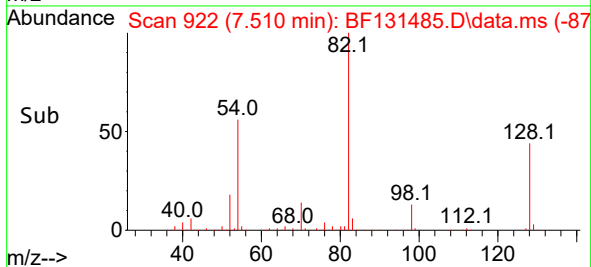
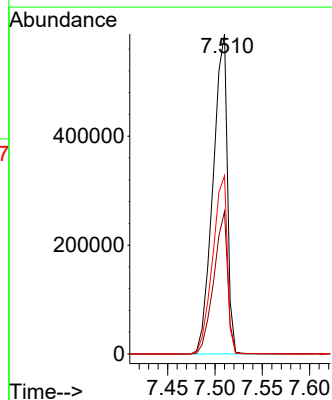
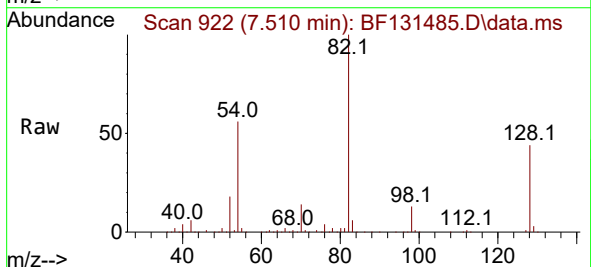
Instrument :
BNA_F
ClientSampleId :
PB149356BL

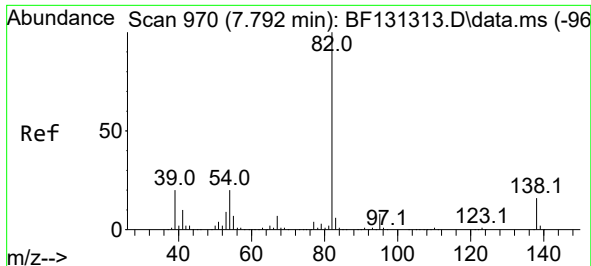
Tgt Ion:136 Resp: 368280
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.7 9.4 14.0
68 6.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.549 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion: 82 Resp: 617704
Ion Ratio Lower Upper
82 100
128 44.5 31.4 47.0
54 55.7 49.8 74.6

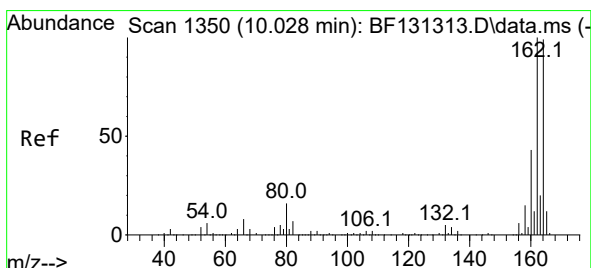
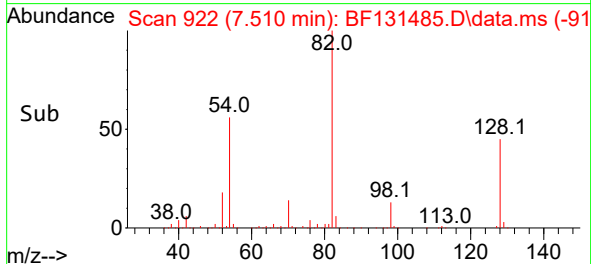
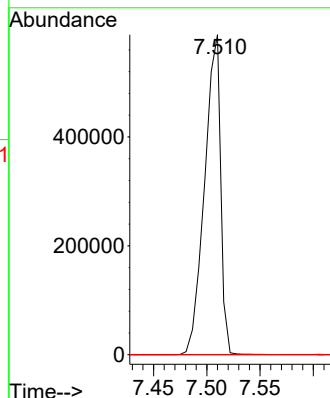
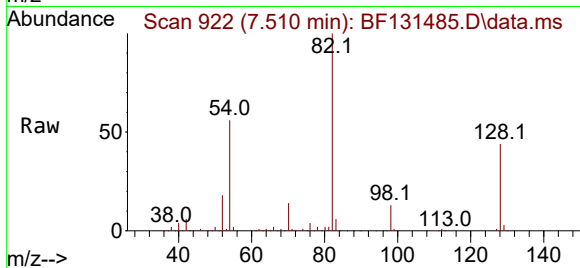




#25
Isophorone
Concen: 47.289 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

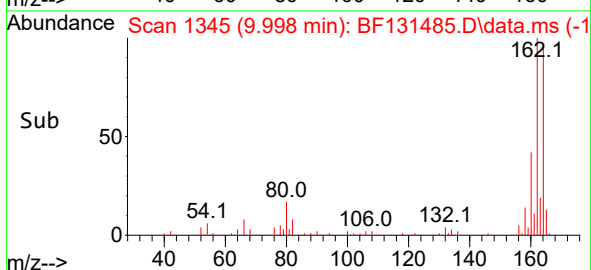
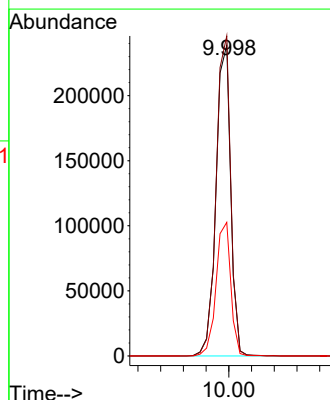
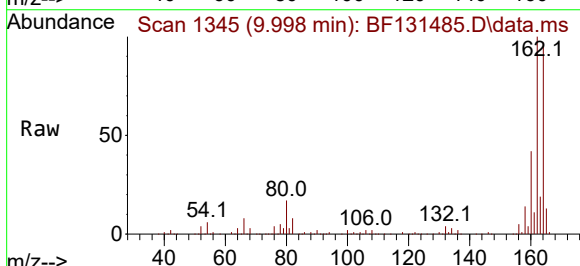
Instrument :
BNA_F
ClientSampleId :
PB149356BL

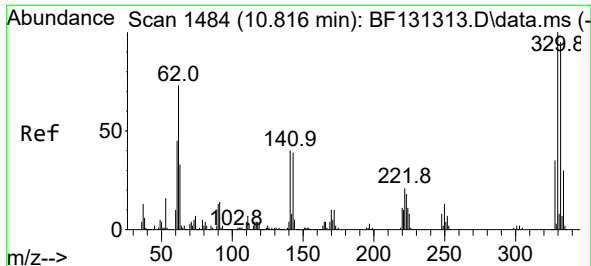
Tgt Ion: 82 Resp: 616385
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion: 164 Resp: 214536
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 163.548 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131485.D

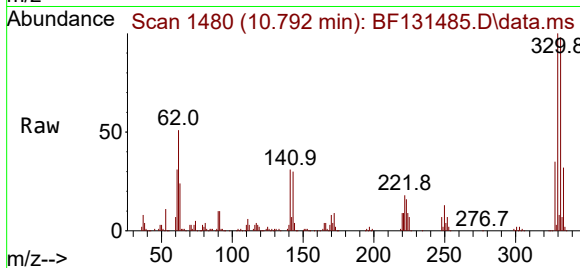
Acq: 01 Dec 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB149356BL



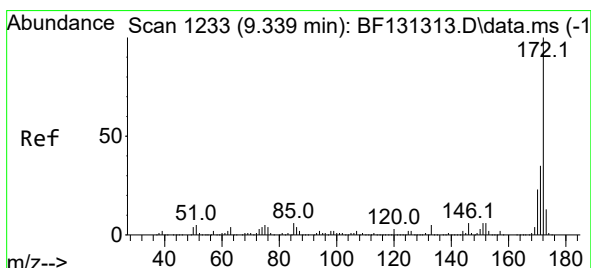
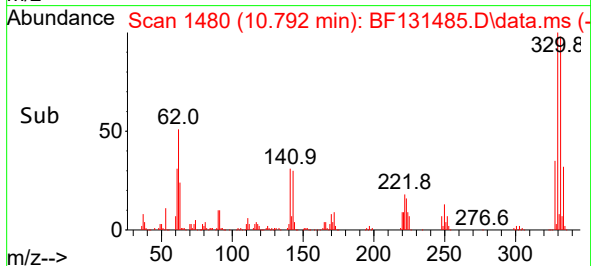
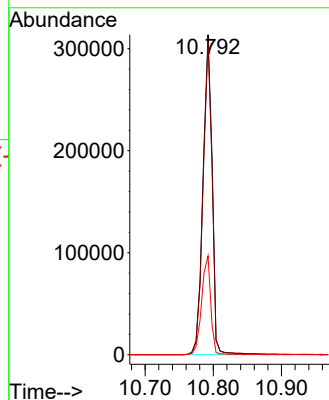
Tgt Ion:330 Resp: 295189

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 30.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 78.765 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF131485.D

Acq: 01 Dec 2022 11:03

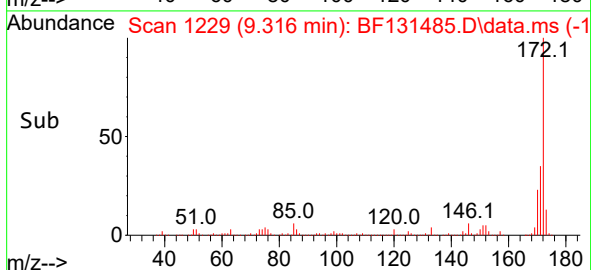
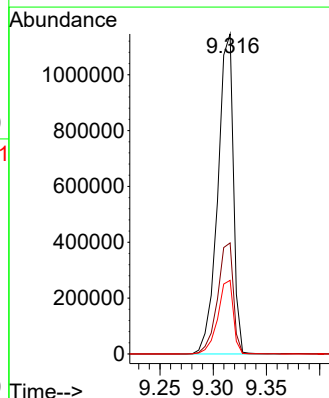
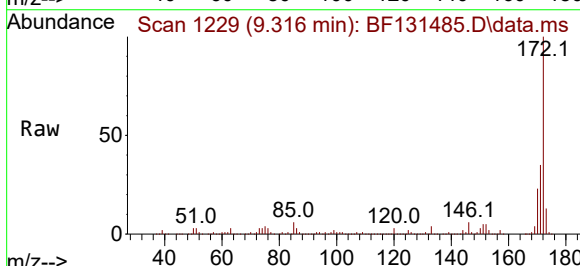
Tgt Ion:172 Resp: 1161513

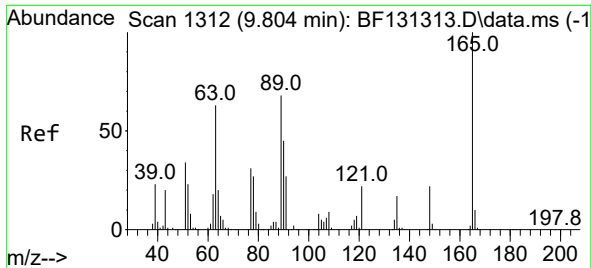
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.0 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.126 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.212 min

Lab File: BF131485.D

Acq: 01 Dec 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB149356BL

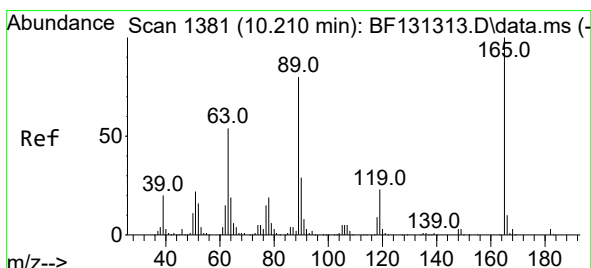
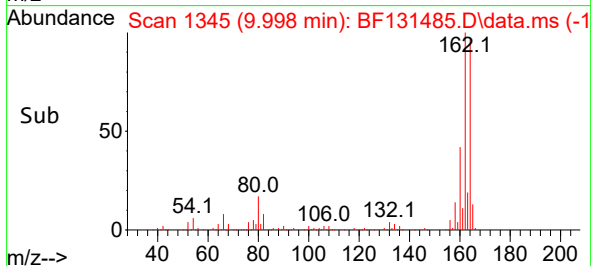
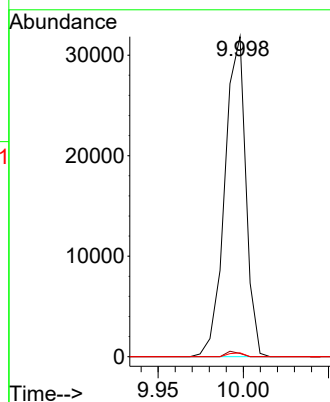
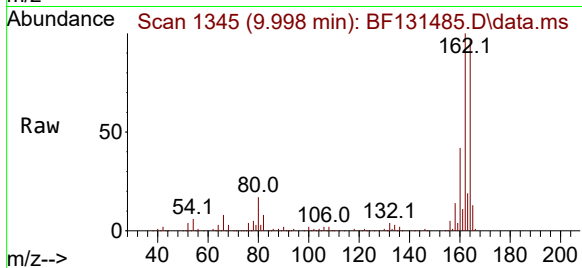
Tgt Ion:165 Resp: 27280

Ion Ratio Lower Upper

165 100

63 1.0 62.0 93.0#

89 1.2 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.253 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.194 min

Lab File: BF131485.D

Acq: 01 Dec 2022 11:03

Tgt Ion:165 Resp: 27280

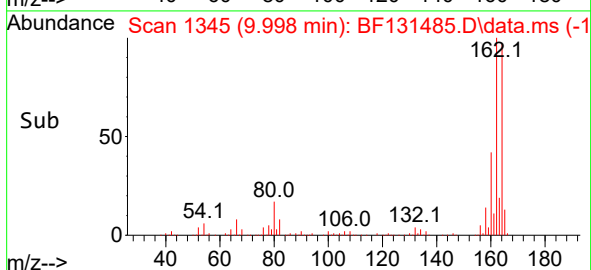
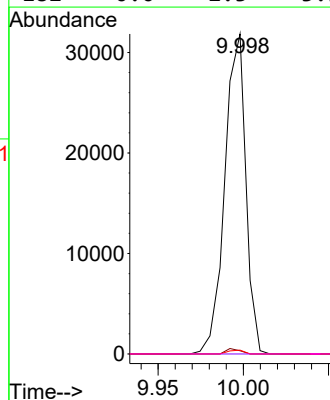
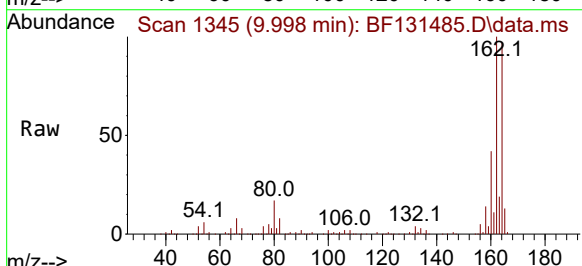
Ion Ratio Lower Upper

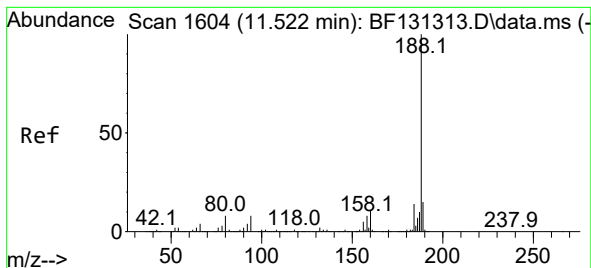
165 100

63 1.0 43.4 65.2#

89 1.2 64.0 96.0#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131485.D

Acq: 01 Dec 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB149356BL

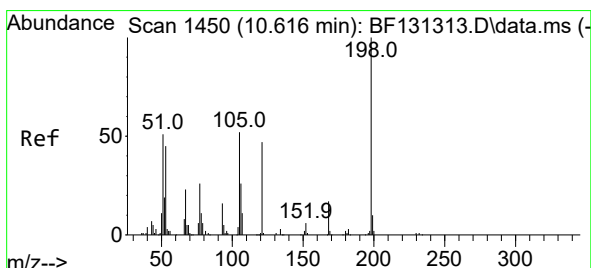
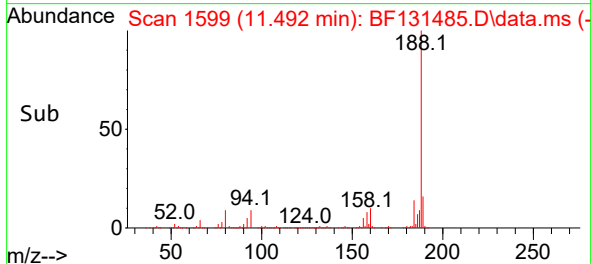
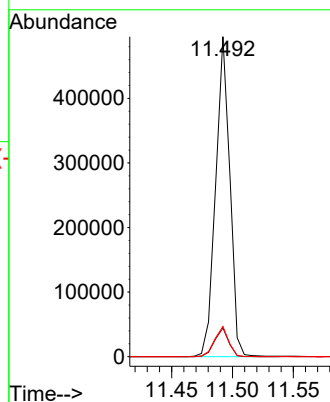
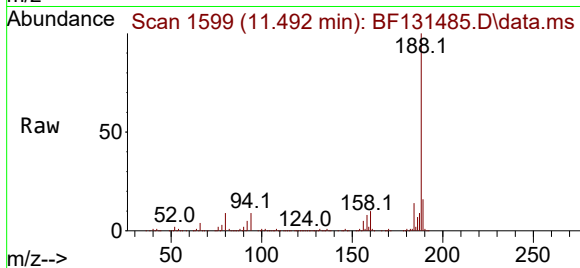
Tgt Ion:188 Resp: 401457

Ion Ratio Lower Upper

188 100

94 8.9 6.3 9.5

80 9.5 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.947 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.194 min

Lab File: BF131485.D

Acq: 01 Dec 2022 11:03

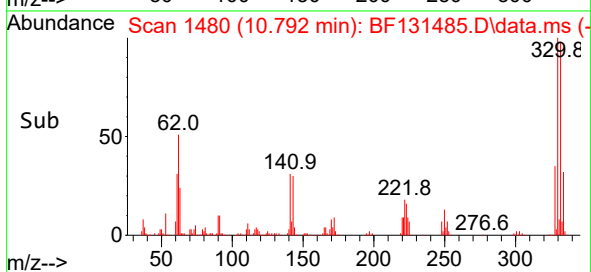
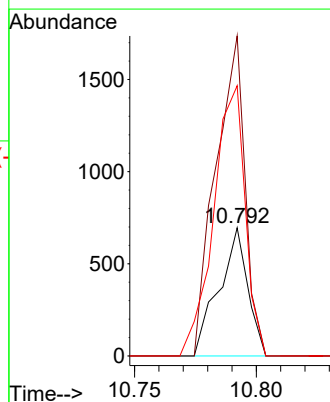
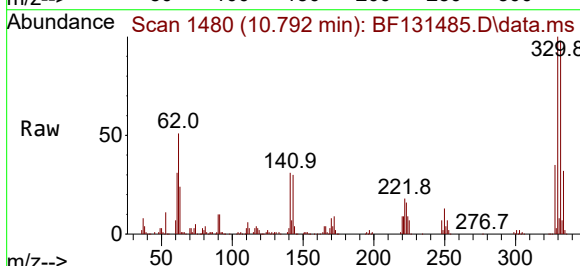
Tgt Ion:198 Resp: 574

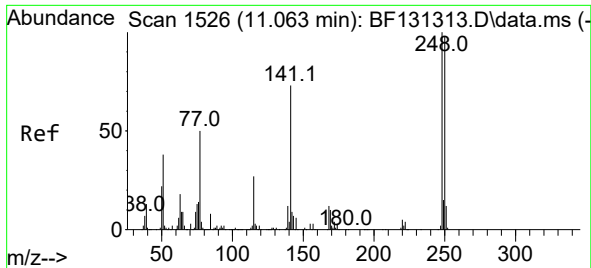
Ion Ratio Lower Upper

198 100

51 249.8 50.1 90.1#

105 210.9 32.5 72.5#

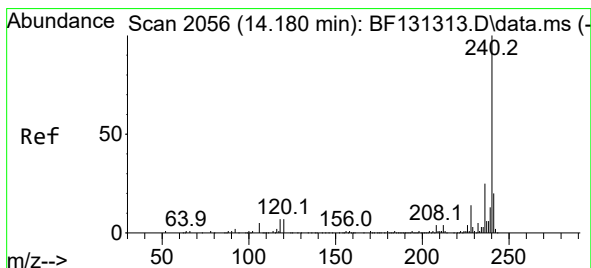
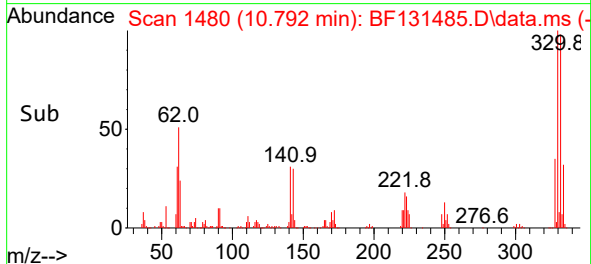
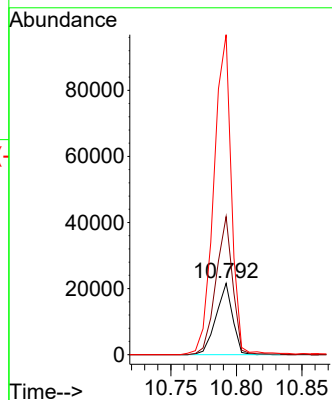
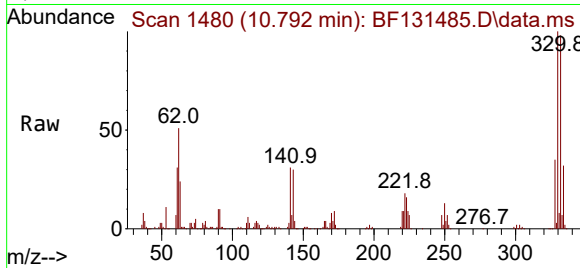




#67
4-Bromophenyl-phenylether
Concen: 3.853 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

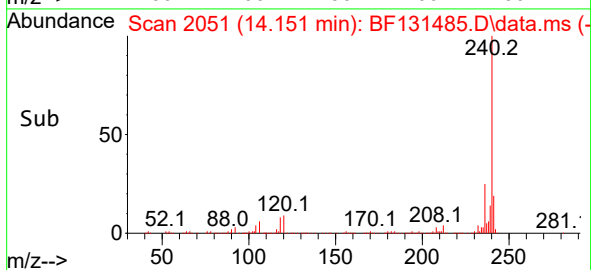
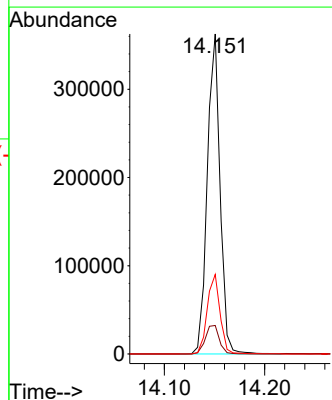
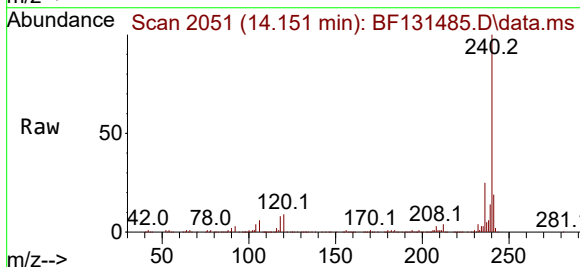
Instrument :
BNA_F
ClientSampleId :
PB149356BL

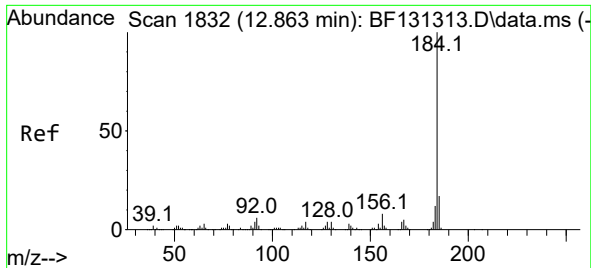
Tgt Ion:248 Resp: 18960
Ion Ratio Lower Upper
248 100
250 193.3 78.3 117.5#
141 448.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion:240 Resp: 322327
Ion Ratio Lower Upper
240 100
120 8.9 5.8 8.8#
236 24.8 20.3 30.5

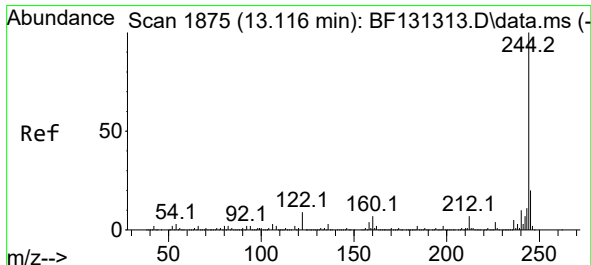
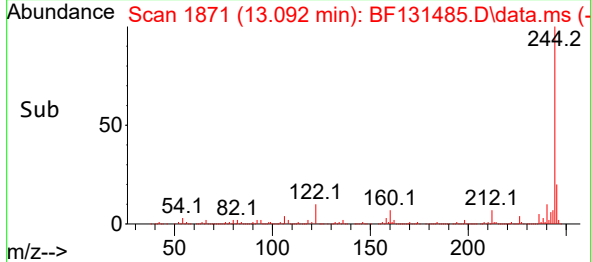
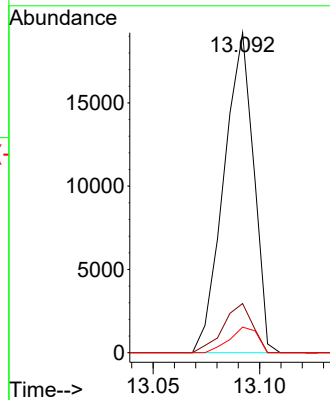
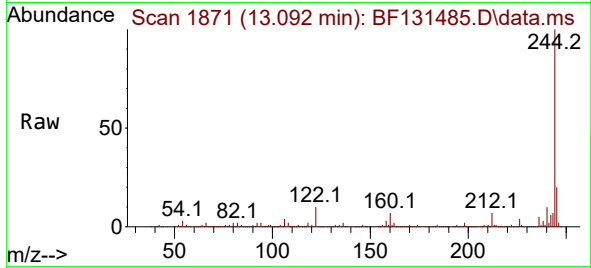




#77
Benzidine
Concen: 3.137 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.247 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

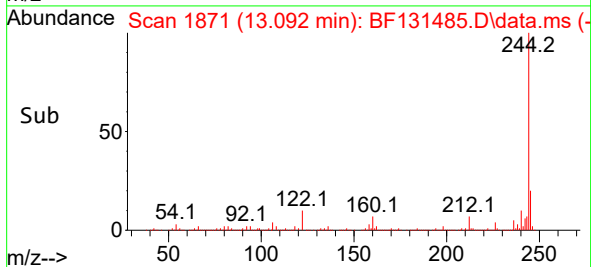
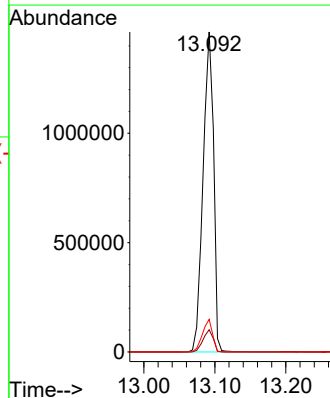
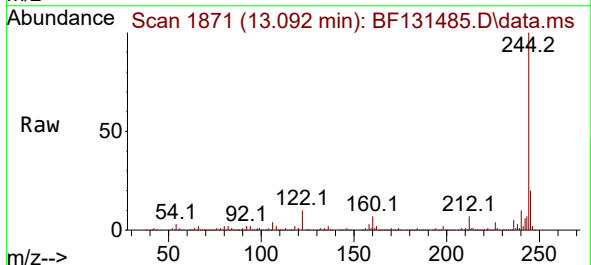
Instrument :
BNA_F
ClientSampleId :
PB149356BL

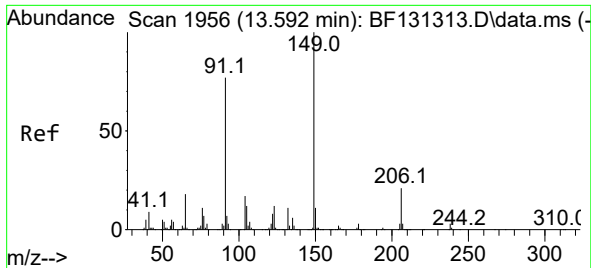
Tgt Ion:184 Resp: 18678
Ion Ratio Lower Upper
184 100
185 15.4 13.8 20.8
183 8.0 9.6 14.4#



#79
Terphenyl-d14
Concen: 76.717 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion:244 Resp: 1512159
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.2 7.5 11.3

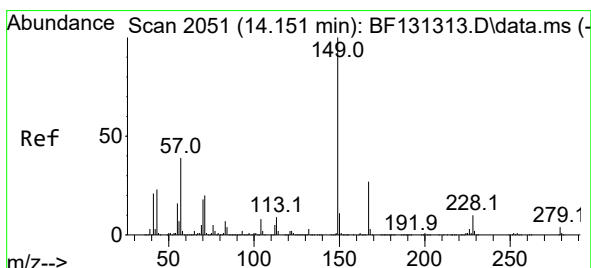
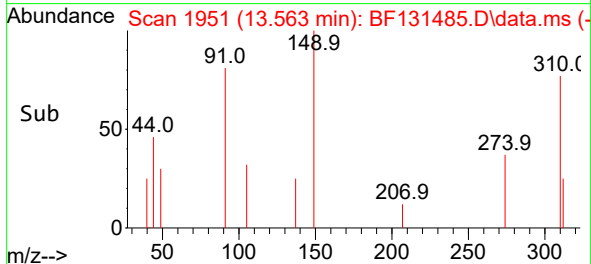
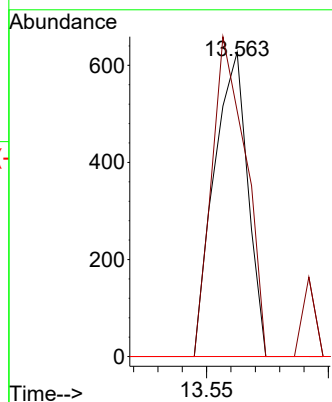
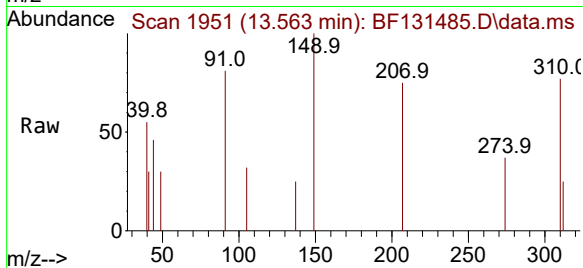




#80
 Butylbenzylphthalate
 Concen: 4.201 ng
 RT: 13.563 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131485.D
 Acq: 01 Dec 2022 11:03

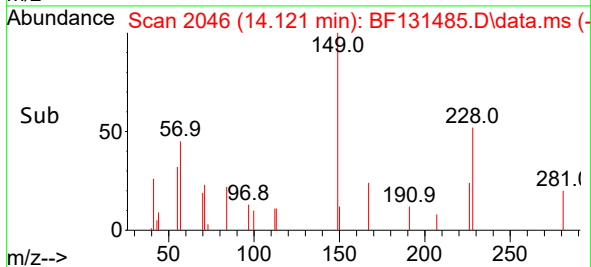
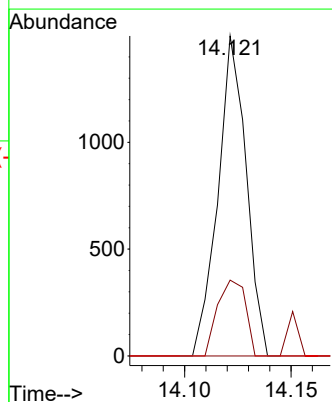
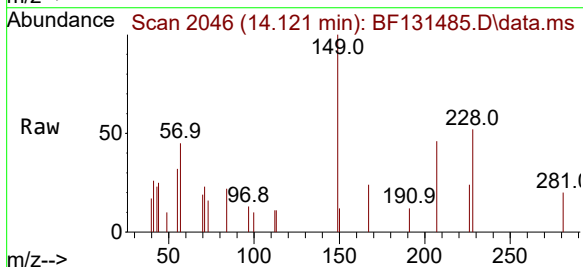
Instrument :
 BNA_F
 ClientSampleId :
 PB149356BL

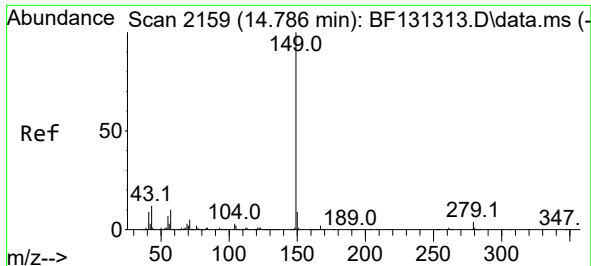
Tgt Ion:	149	Resp:	601
Ion	Ratio	Lower	Upper
149	100		
91	80.7	61.9	92.9
206	0.0	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.849 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. -0.006 min
 Lab File: BF131485.D
 Acq: 01 Dec 2022 11:03

Tgt Ion:	149	Resp:	1384
Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.9	32.9
279	0.0	3.0	4.4

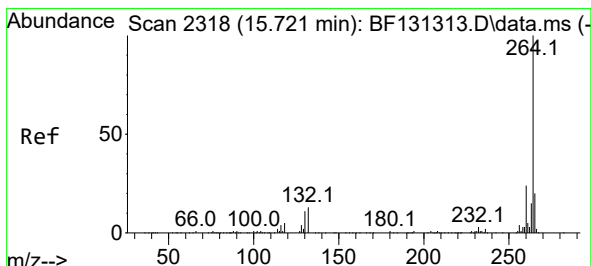
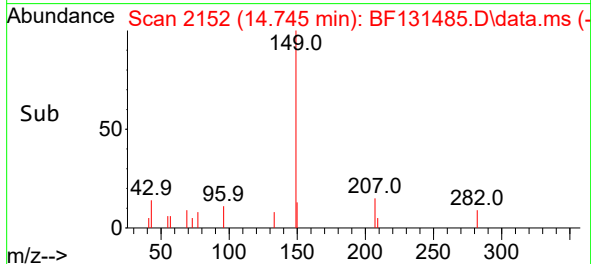
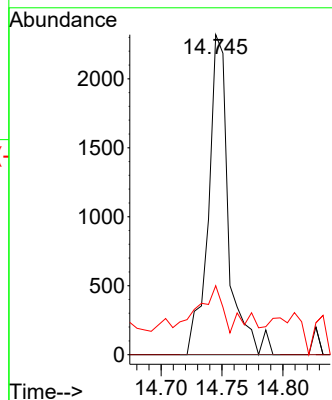
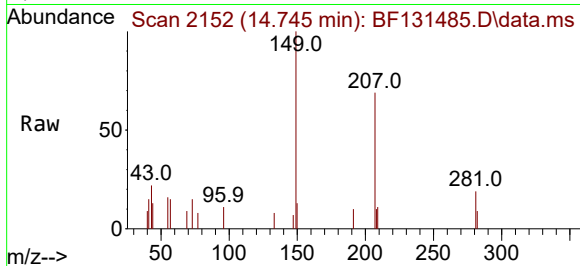




#85
Di-n-octyl phthalate
Concen: 4.071 ng
RT: 14.745 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Instrument :
BNA_F
ClientSampleId :
PB149356BL

Tgt Ion:149 Resp: 2677
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 17.1 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BF131485.D
Acq: 01 Dec 2022 11:03

Tgt Ion:264 Resp: 188510
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.9 16.4 24.6

