

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131781.D
 Acq On : 22 Dec 2022 17:27
 Operator : CG\JU
 Sample : N6088-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-12-15

Quant Time: Dec 23 03:31:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

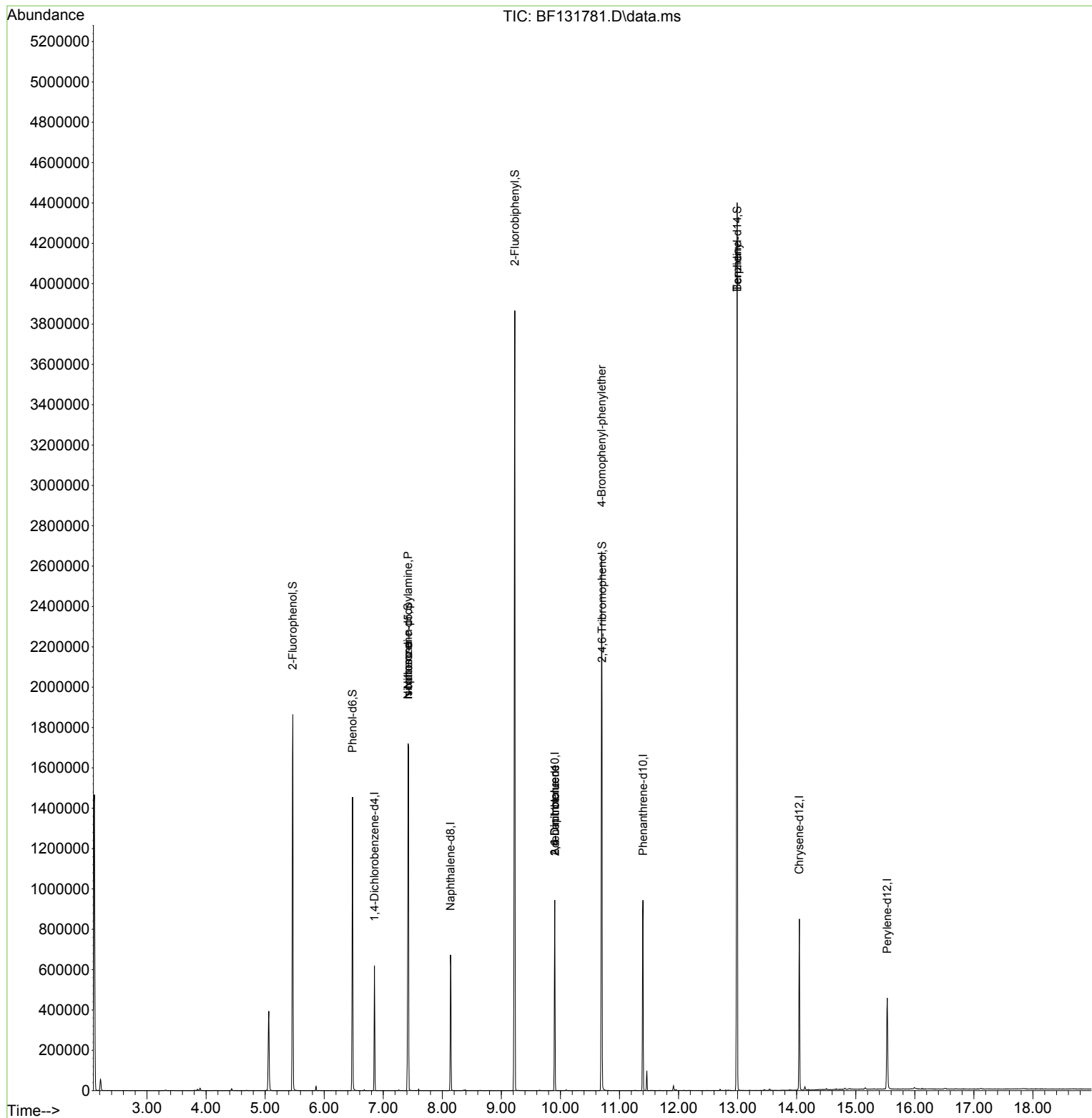
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	77572	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	280150	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	167724	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	339698	20.000	ng	0.00
76) Chrysene-d12	14.045	240	264601	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	212864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	463045	100.515	ng	0.01
7) Phenol-d6	6.481	99	418762	67.537	ng	0.00
23) Nitrobenzene-d5	7.422	82	678649	98.342	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	300488	163.682	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1180756	98.616	ng	0.00
79) Terphenyl-d14	12.992	244	1481776	87.278	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	784	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	94263	21.079	ng	# 81
25) Isophorone	7.422	82	678639	57.907	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	21272	7.839	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	21272	5.834	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	21057	5.248	ng	# 1
77) Benzydine	12.992	184	22642	4.667	ng	# 93

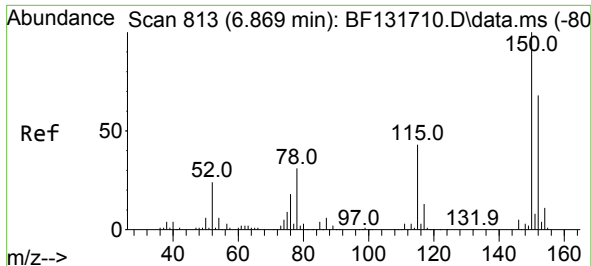
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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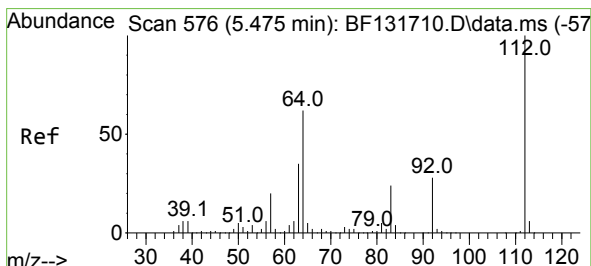
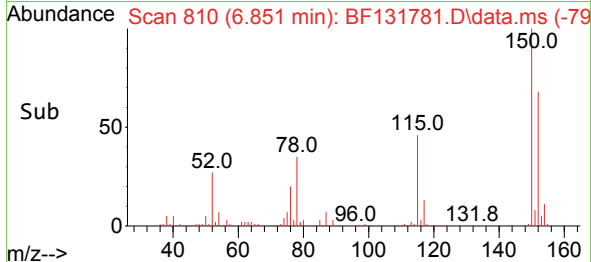
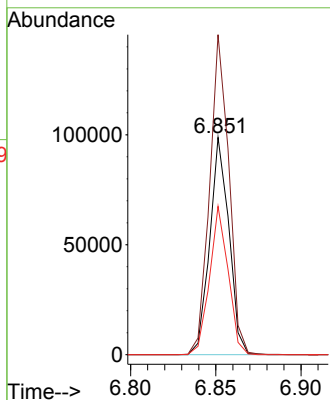
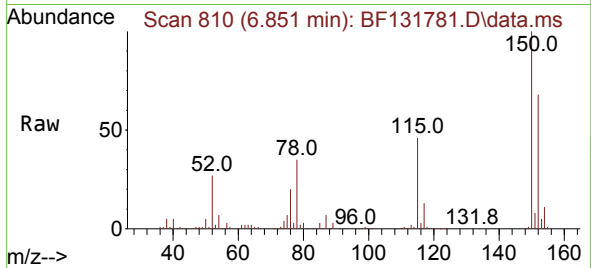




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

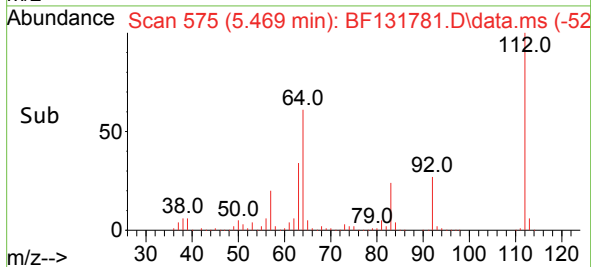
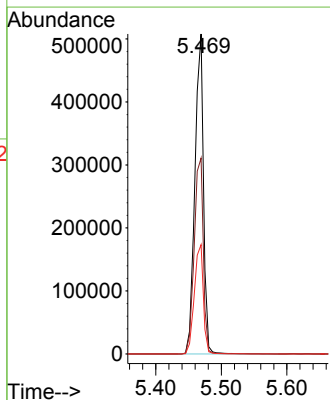
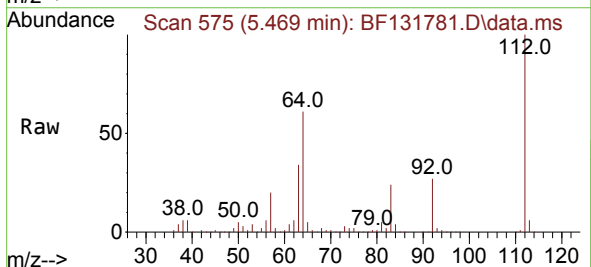
Instrument :
BNA_F
ClientSampleId :
EB-2022-12-15

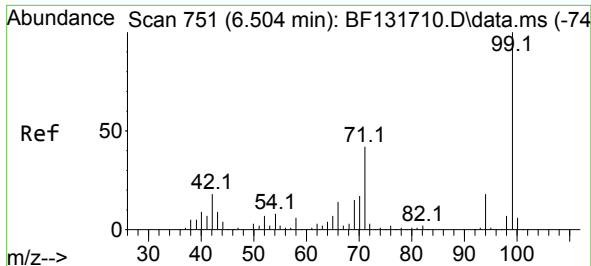
Tgt Ion:152 Resp: 77572
Ion Ratio Lower Upper
152 100
150 147.3 117.4 176.0
115 68.3 50.2 75.4



#5
2-Fluorophenol
Concen: 100.515 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion:112 Resp: 463045
Ion Ratio Lower Upper
112 100
64 61.2 49.5 74.3
63 34.2 28.2 42.2

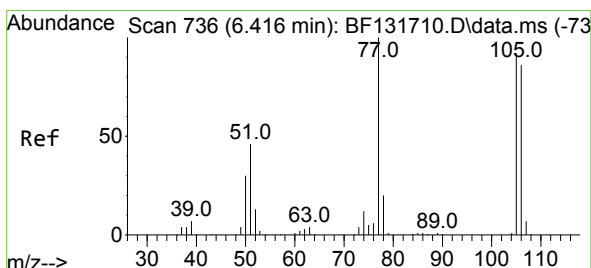
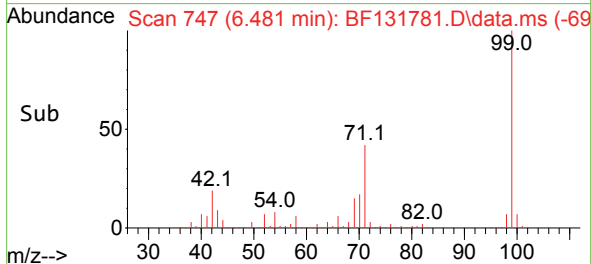
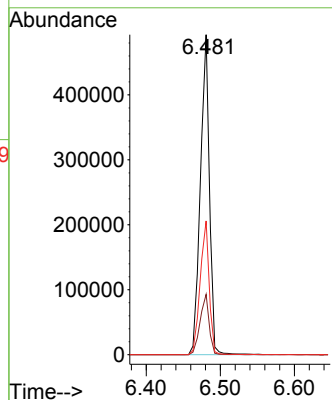
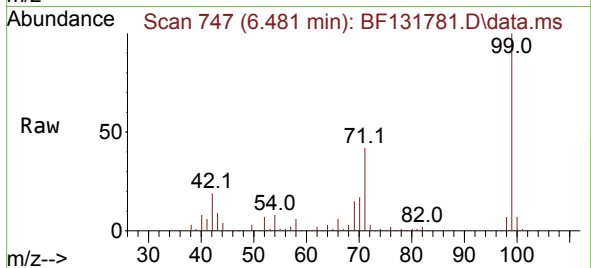




#7
Phenol-d6
Concen: 67.537 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

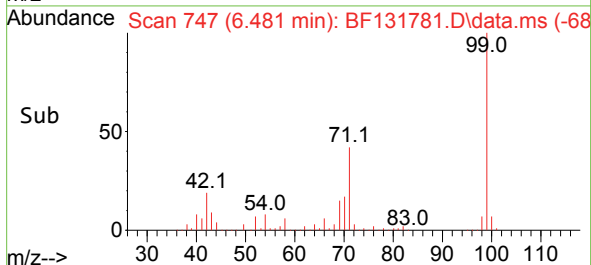
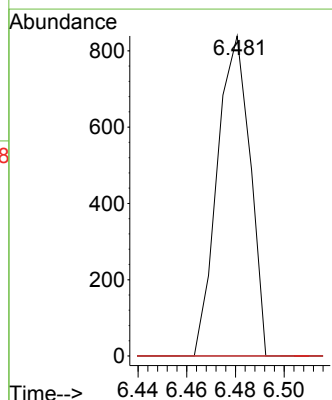
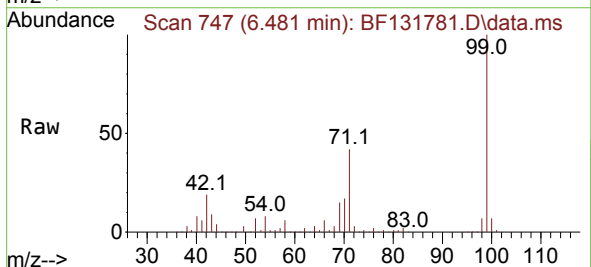
Instrument :
BNA_F
ClientSampleId :
EB-2022-12-15

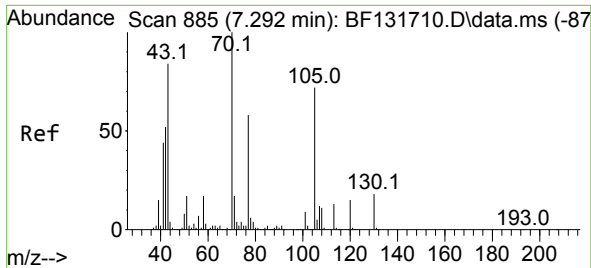
Tgt Ion: 99 Resp: 418762
Ion Ratio Lower Upper
99 100
42 18.8 14.8 22.2
71 41.8 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 747
Delta R.T. 0.076 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion: 77 Resp: 784
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

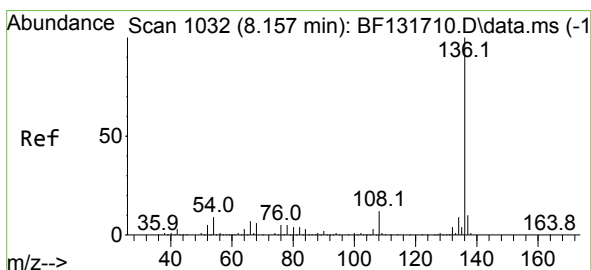
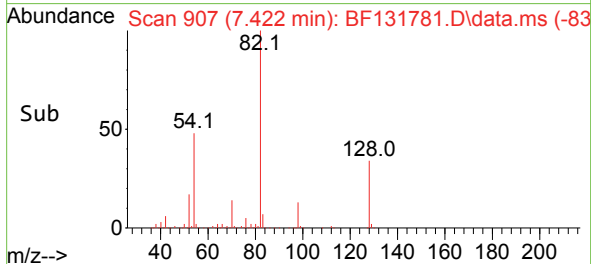
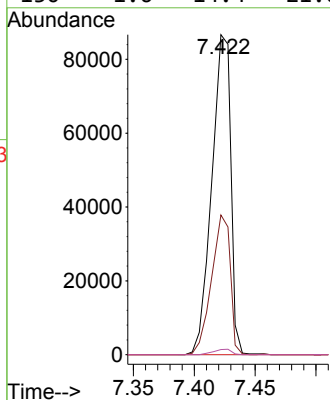
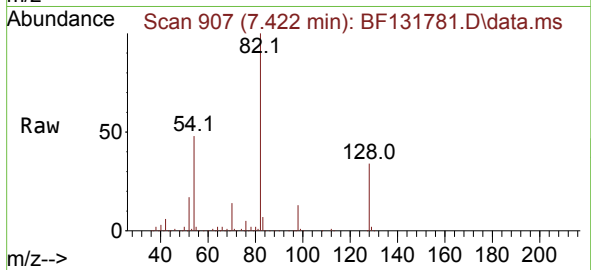




#19
n-Nitroso-di-n-propylamine
Concen: 21.079 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

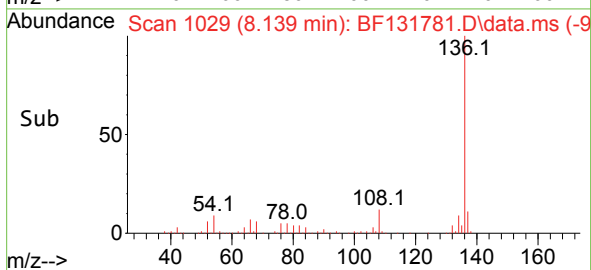
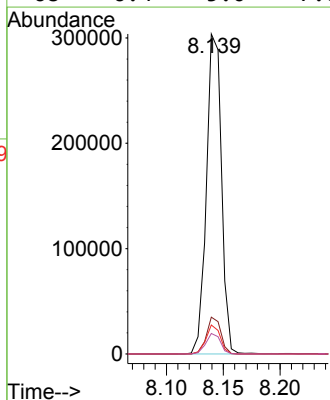
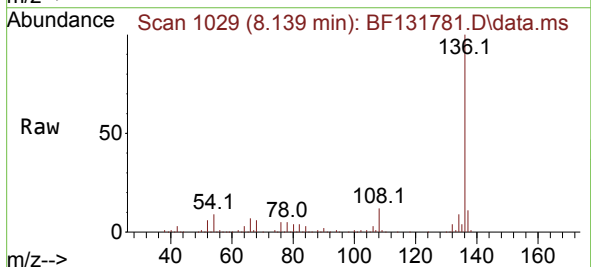
Instrument :
BNA_F
ClientSampleId :
EB-2022-12-15

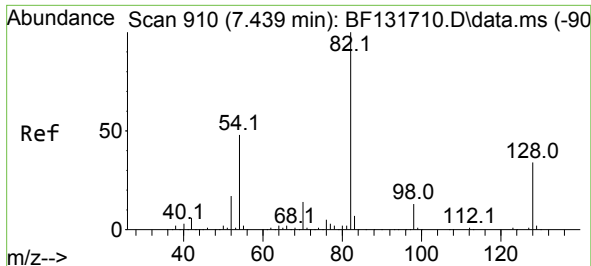
Tgt Ion:	70	Resp:	94263
Ion	Ratio	Lower	Upper
70	100		
42	43.7	41.5	62.3
101	0.0	7.3	10.9#
130	1.6	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion:	136	Resp:	280150
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.0	7.2	10.8
68	6.4	5.0	7.6

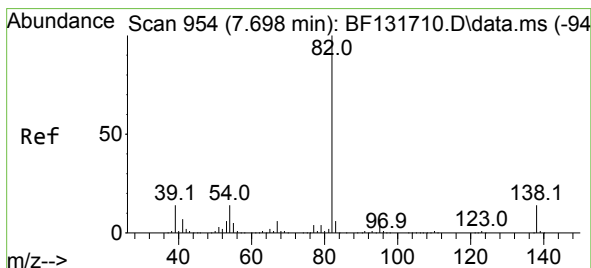
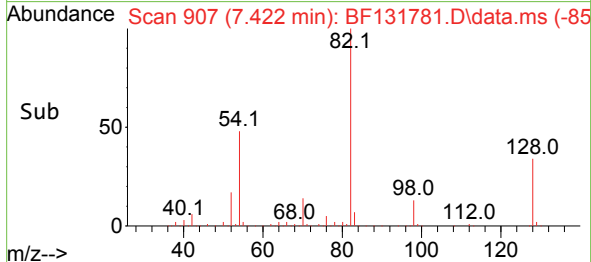
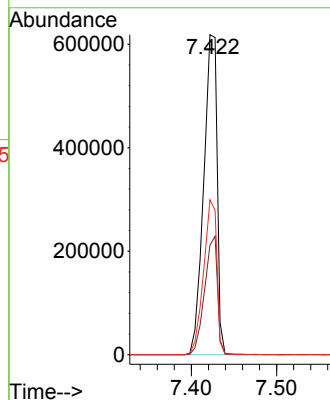
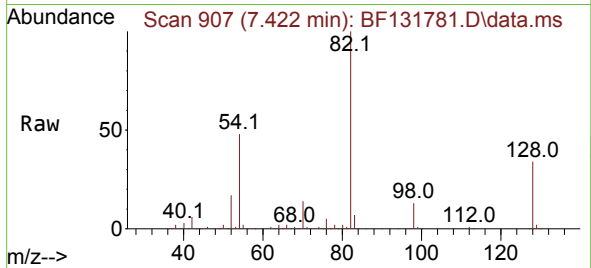




#23
Nitrobenzene-d5
Concen: 98.342 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

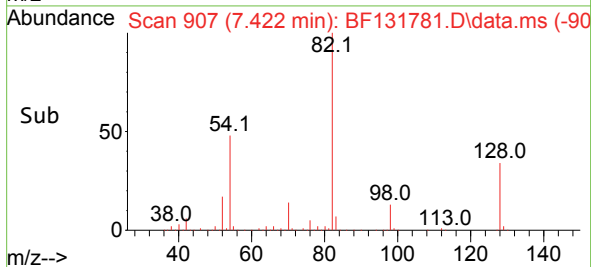
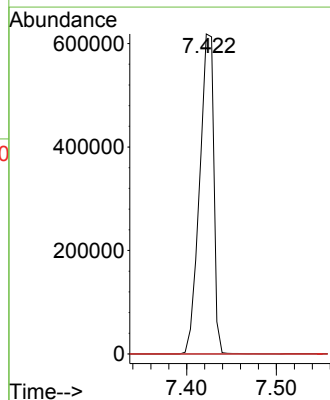
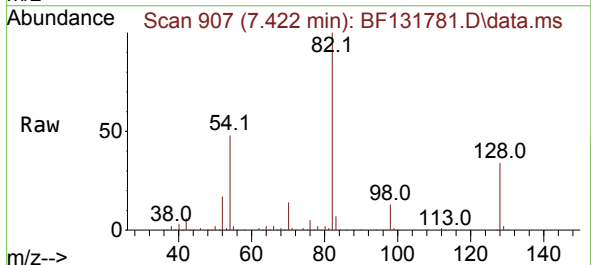
Instrument :
BNA_F
ClientSampleId :
EB-2022-12-15

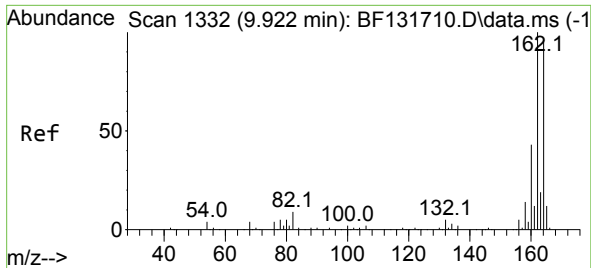
Tgt Ion: 82 Resp: 678649
Ion Ratio Lower Upper
82 100
128 34.2 27.3 40.9
54 48.4 38.2 57.2



#25
Isophorone
Concen: 57.907 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion: 82 Resp: 678639
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#

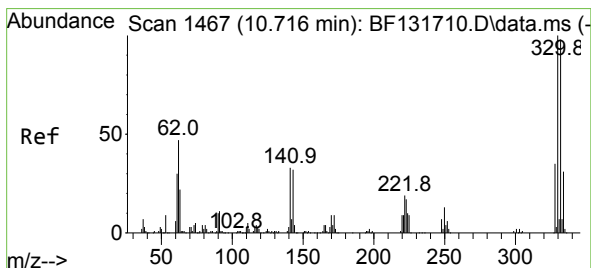
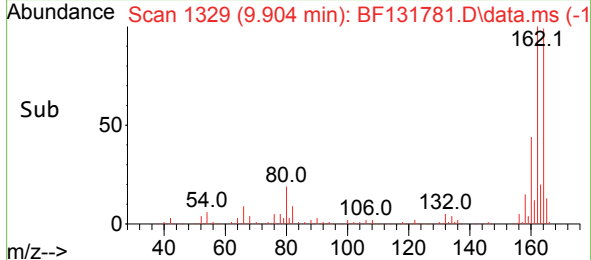
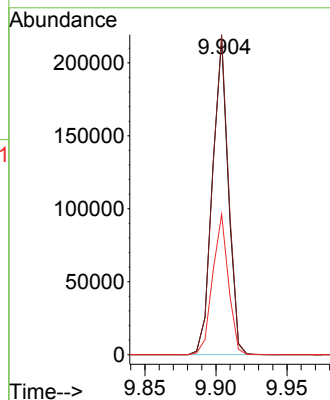
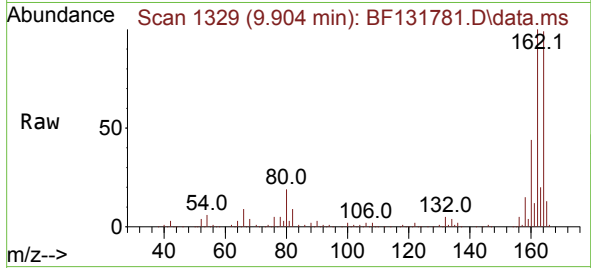




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

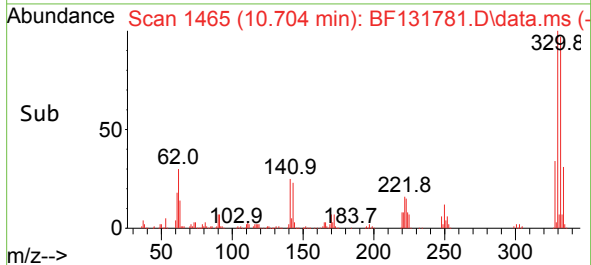
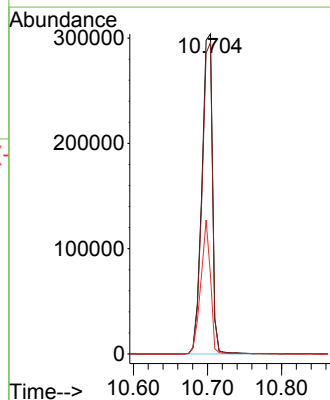
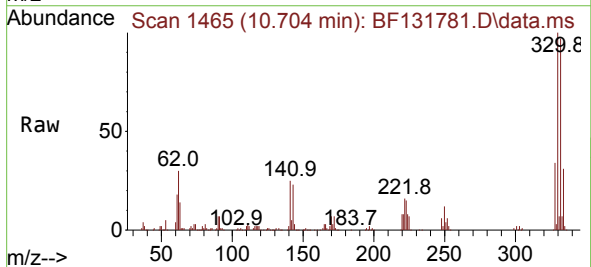
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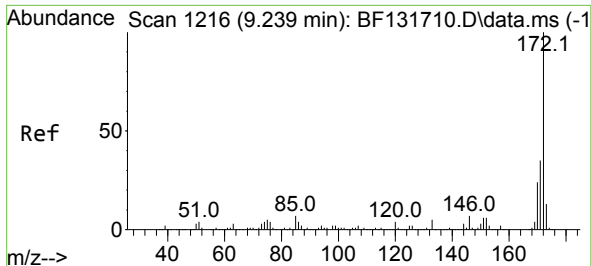
Tgt Ion:164 Resp: 167724
Ion Ratio Lower Upper
164 100
162 101.5 83.7 125.5
160 44.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 163.682 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion:330 Resp: 300488
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 38.1 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 98.616 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131781.D

Acq: 22 Dec 2022 17:27

Instrument :

BNA_F

ClientSampleId :

EB-2022-12-15

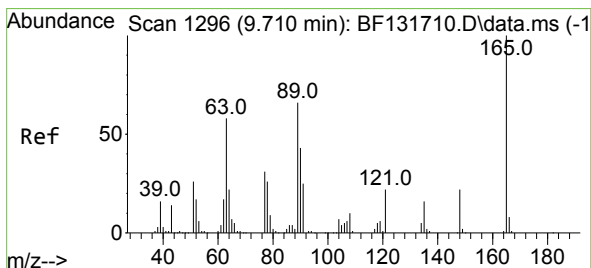
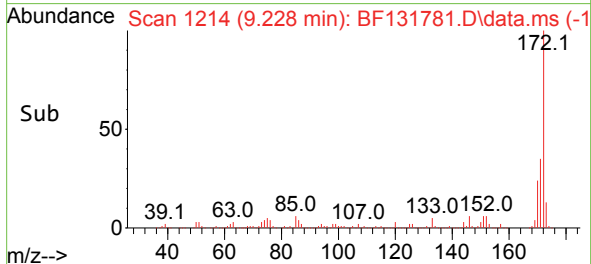
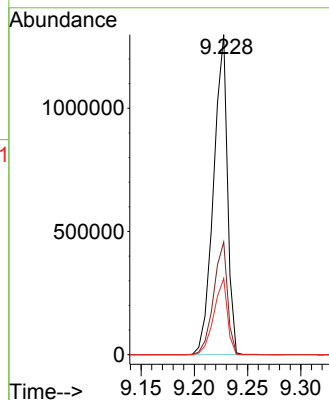
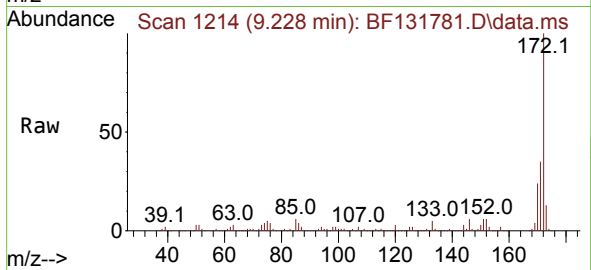
Tgt Ion:172 Resp: 1180756

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.839 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF131781.D

Acq: 22 Dec 2022 17:27

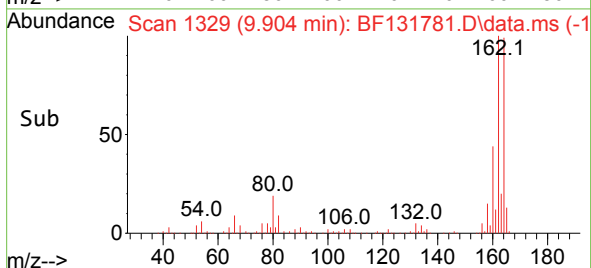
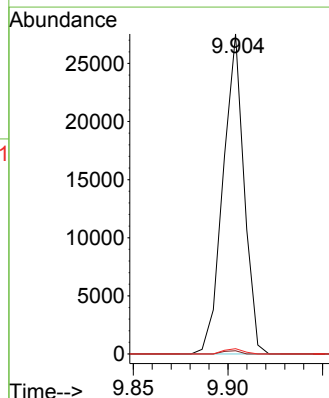
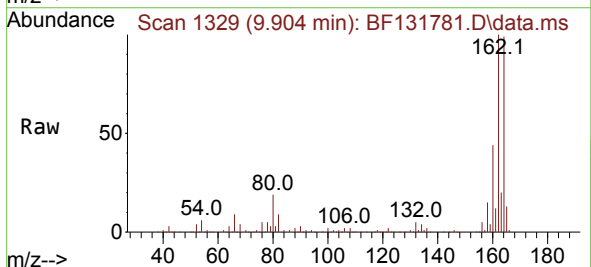
Tgt Ion:165 Resp: 21272

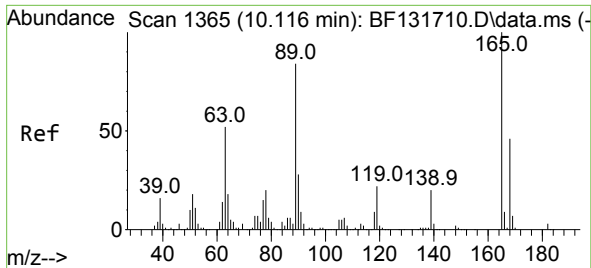
Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.8#

89 1.7 53.2 79.8#

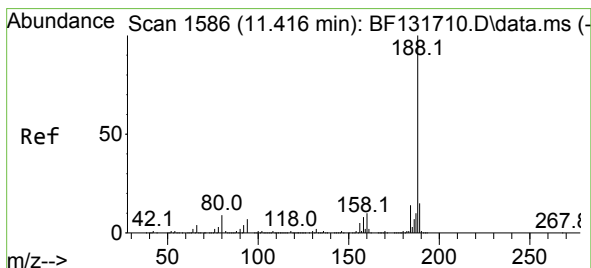
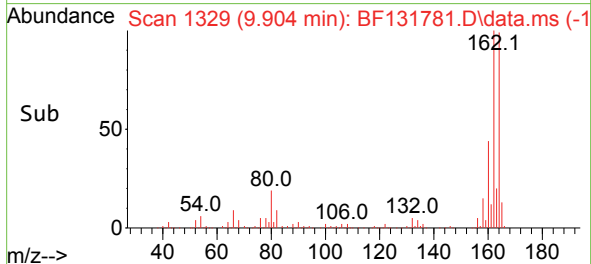
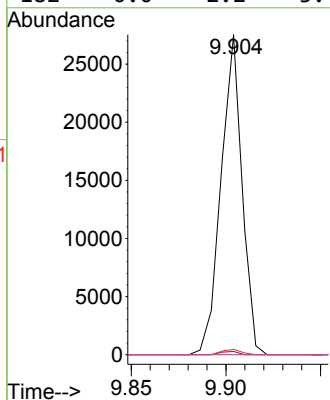
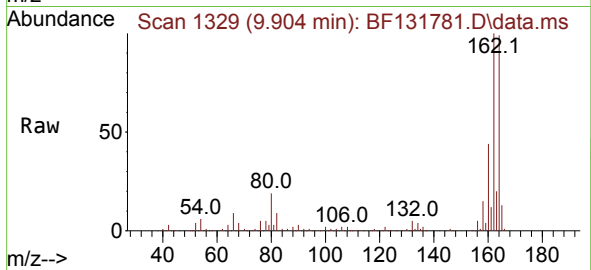




#57
2,4-Dinitrotoluene
Concen: 5.834 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

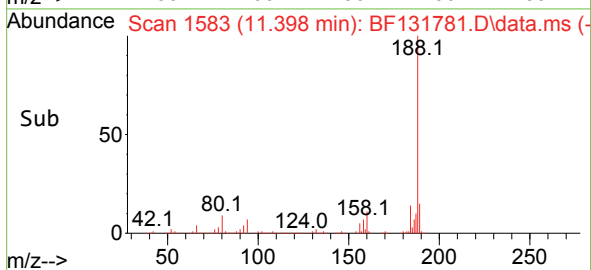
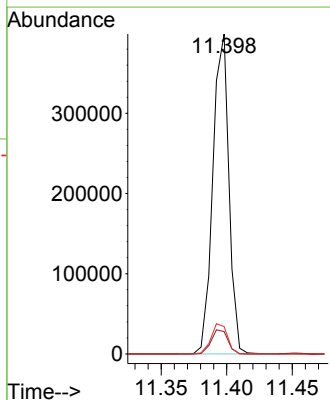
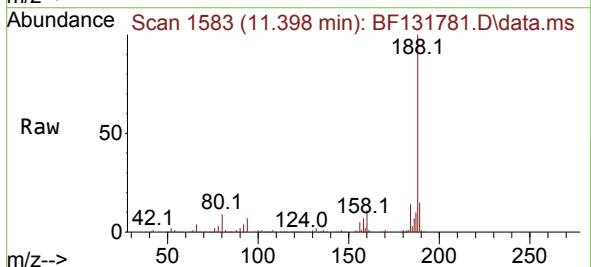
Instrument :
BNA_F
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EB-2022-12-15

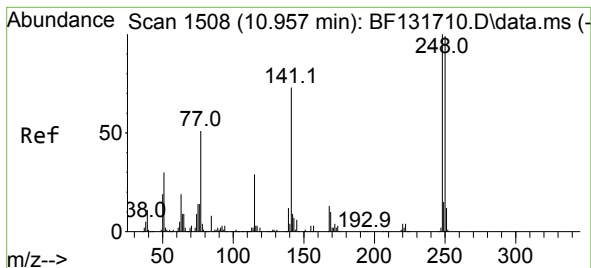
Tgt Ion:165 Resp: 21272
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.7 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion:188 Resp: 339698
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.5 7.0 10.6

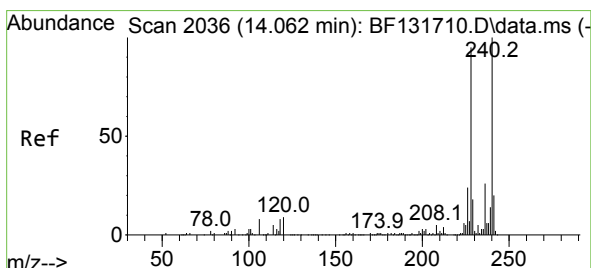
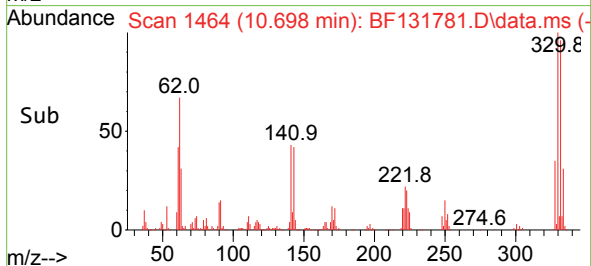
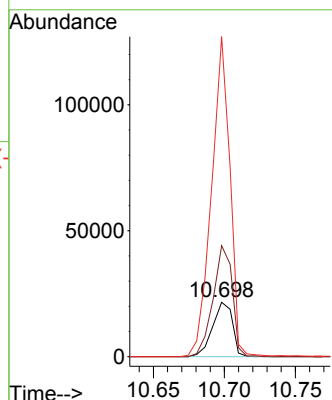
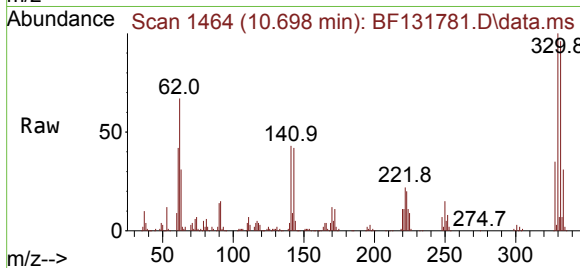




#67
4-Bromophenyl-phenylether
Concen: 5.248 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

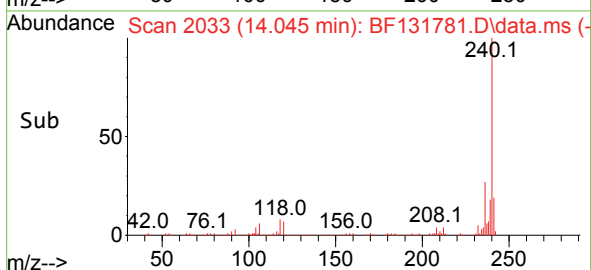
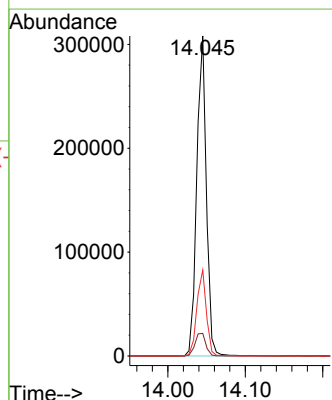
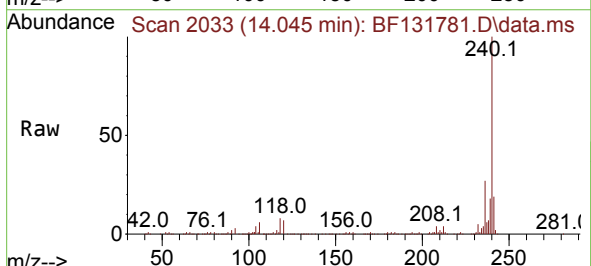
Instrument :
BNA_F
ClientSampleId :
EB-2022-12-15

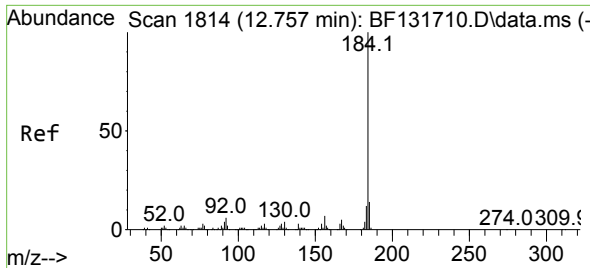
Tgt Ion:248 Resp: 21057
Ion Ratio Lower Upper
248 100
250 203.9 79.4 119.0#
141 588.0 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

Tgt Ion:240 Resp: 264601
Ion Ratio Lower Upper
240 100
120 7.1 7.6 11.4#
236 26.9 21.2 31.8

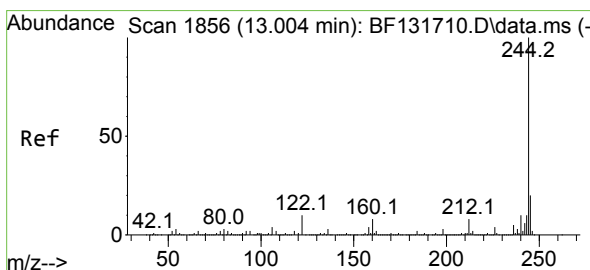
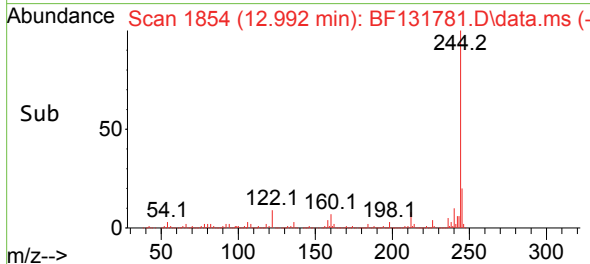
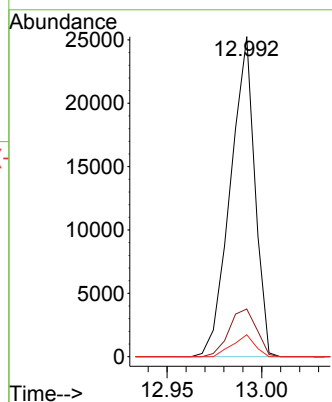
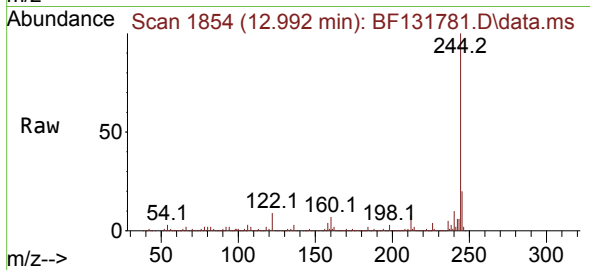




#77
Benzidine
Concen: 4.667 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

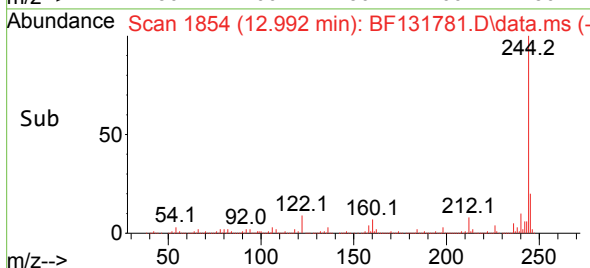
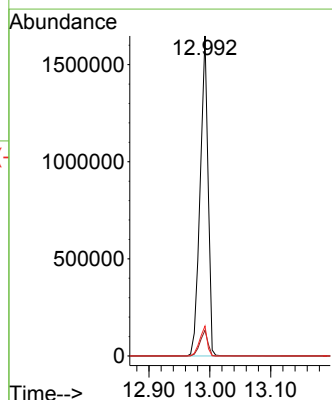
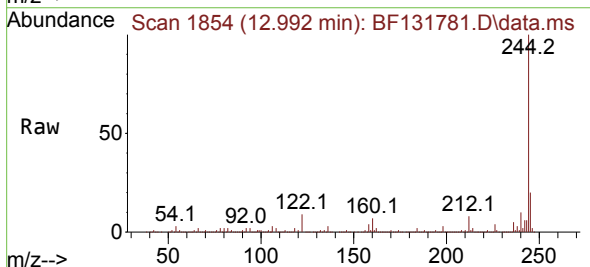
Instrument :
BNA_F
ClientSampleId :
EB-2022-12-15

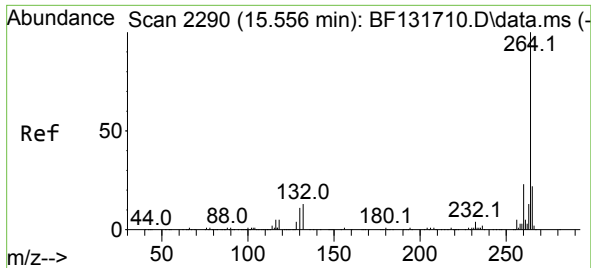
Tgt Ion:184 Resp: 22642
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 6.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 87.278 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF131781.D
Acq: 22 Dec 2022 17:27

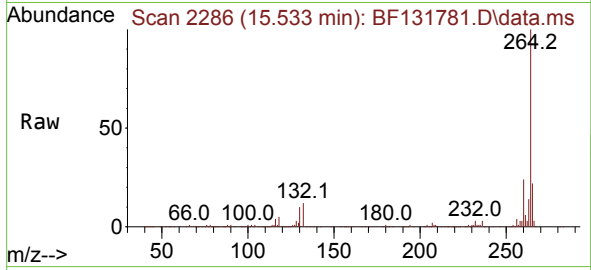
Tgt Ion:244 Resp: 1481776
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.3 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131781.D
 Acq: 22 Dec 2022 17:27

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-12-15



Tgt Ion:264 Resp: 212864

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.7	17.4	26.2

