

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
 Data File : BF131287.D
 Acq On : 17 Nov 2022 16:16
 Operator : CG\JU
 Sample : PB148901BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BL

Quant Time: Nov 18 05:03:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 01:41:28 2022
 Response via : Initial Calibration

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

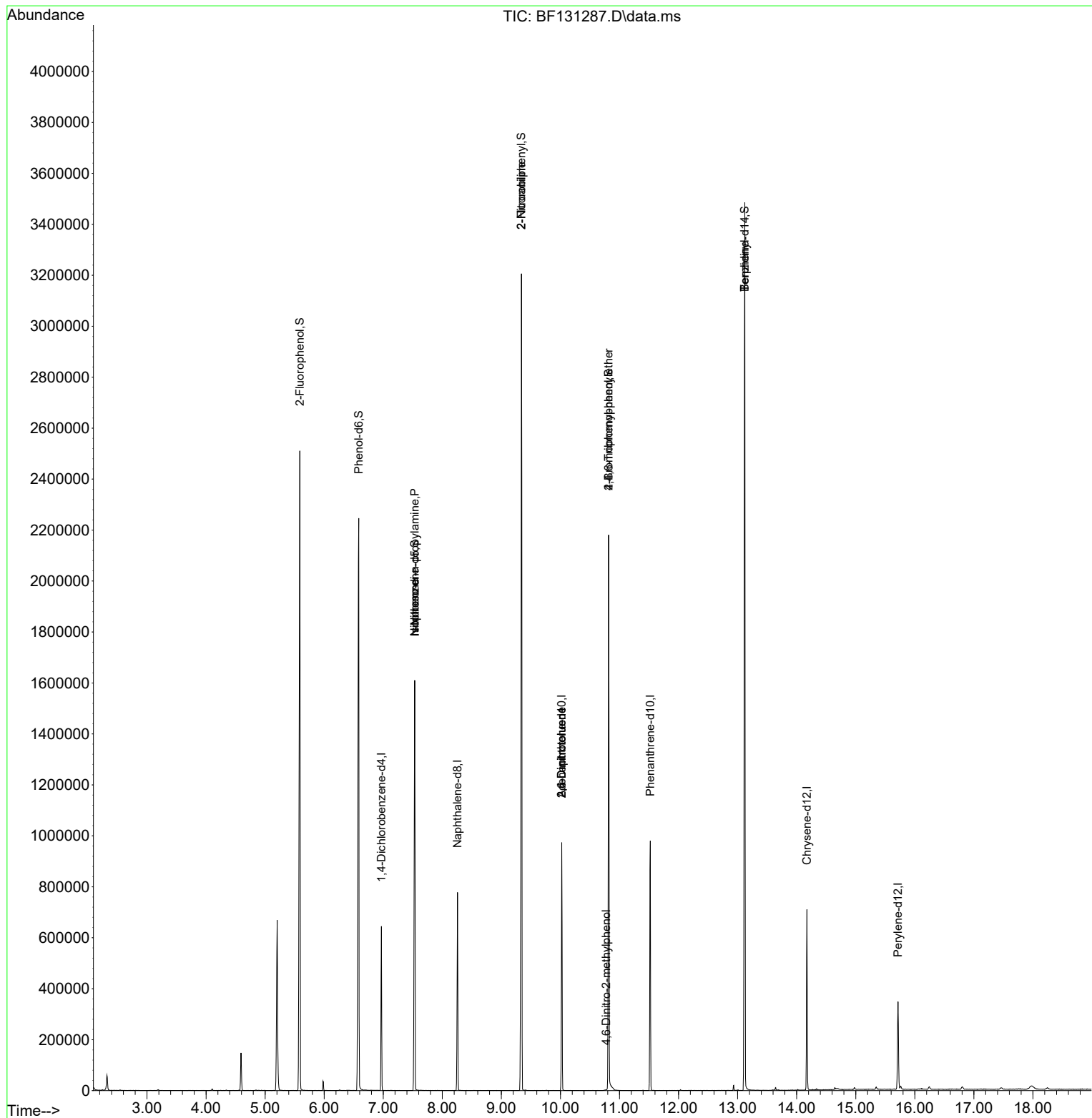
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	83511	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	315416	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	184520	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	356046	20.000	ng	0.00
76) Chrysene-d12	14.174	240	233949	20.000	ng	0.00
86) Perylene-d12	15.715	264	164433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	639079	140.069	ng	0.01
7) Phenol-d6	6.587	99	807558	139.616	ng	0.00
23) Nitrobenzene-d5	7.534	82	537055	90.953	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	241964	147.306	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1061722	82.181	ng	0.00
79) Terphenyl-d14	13.121	244	1310130	83.708	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	73544	17.678	ng	# 78
25) Isophorone	7.534	82	536799	47.616	ng	# 67
48) 2-Nitroaniline	9.339	65	2067	5.010	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	24000	12.530	ng	# 20
57) 2,4-Dinitrotoluene	10.022	165	24000	11.417	ng	# 14
65) 4,6-Dinitro-2-methylph...	10.775	198	69	5.900	ng	# 27
67) 4-Bromophenyl-phenylether	10.816	248	16385	3.835	ng	# 1
77) Benzidine	13.121	184	18179	3.435	ng	# 95

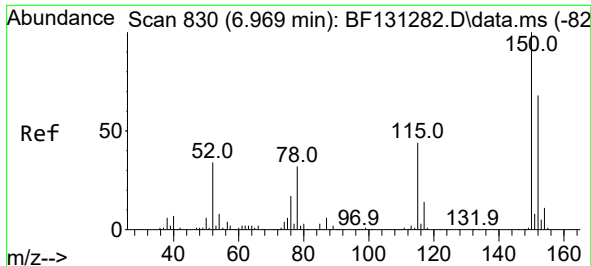
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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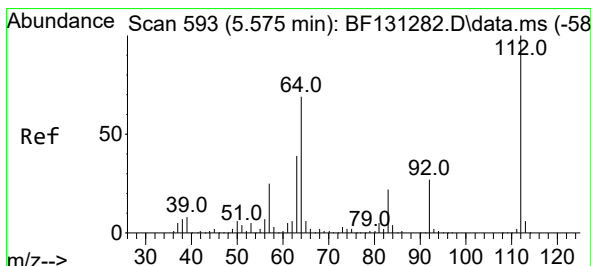
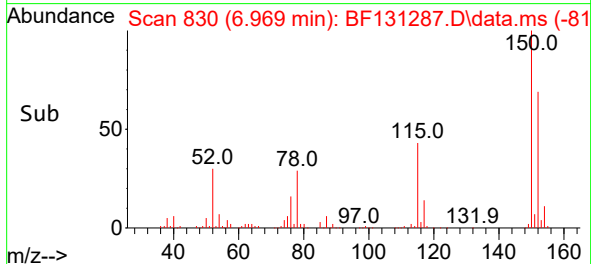
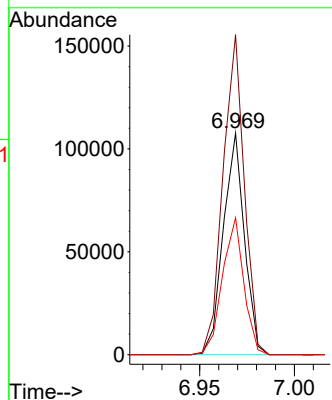
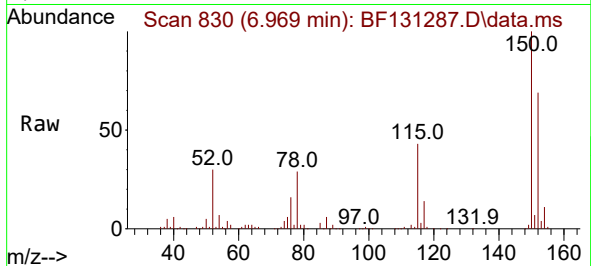




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

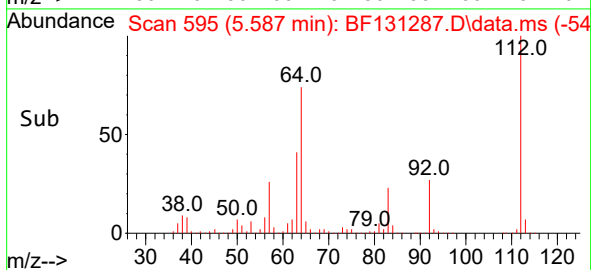
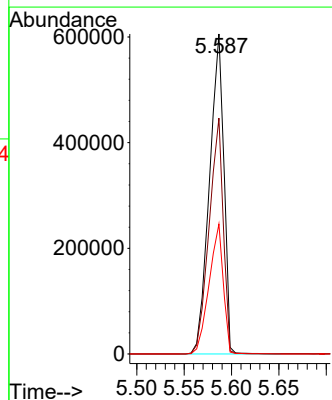
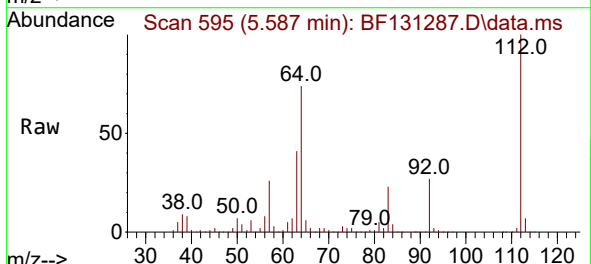
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BNA_F
ClientSampleId :
PB148901BL

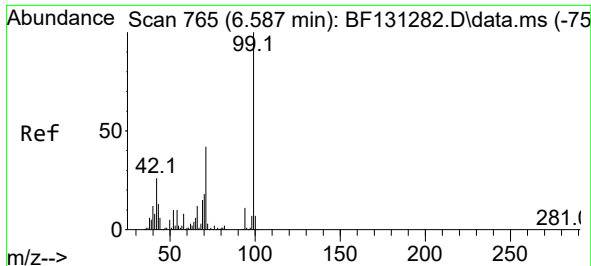
Tgt Ion:152 Resp: 83511
Ion Ratio Lower Upper
152 100
150 144.4 117.8 176.6
115 61.7 52.2 78.4



#5
2-Fluorophenol
Concen: 140.069 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.012 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:112 Resp: 639079
Ion Ratio Lower Upper
112 100
64 73.7 55.5 83.3
63 40.6 31.0 46.6

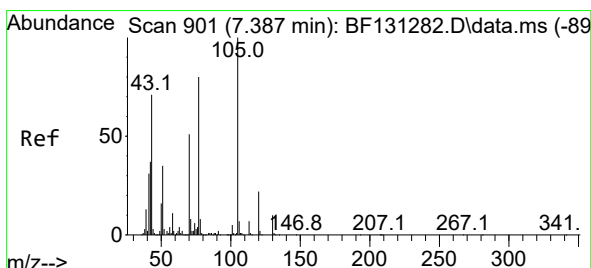
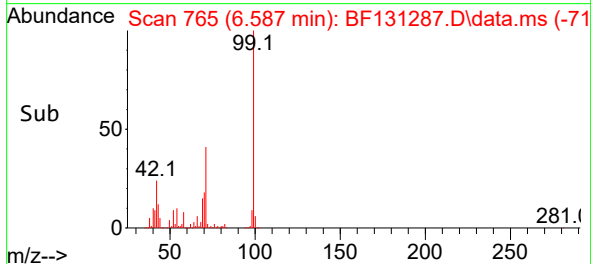
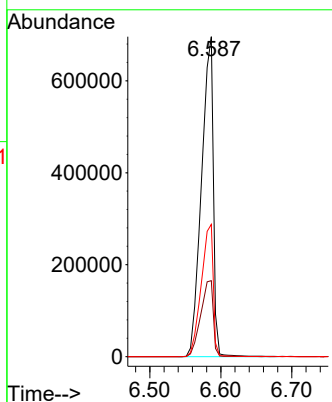
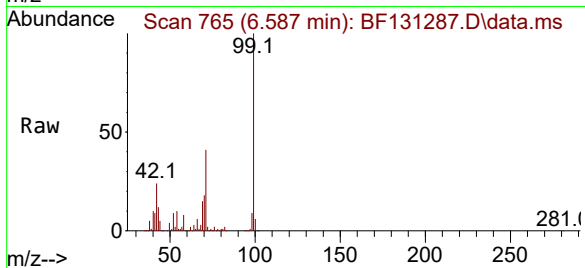




#7
Phenol-d6
Concen: 139.616 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

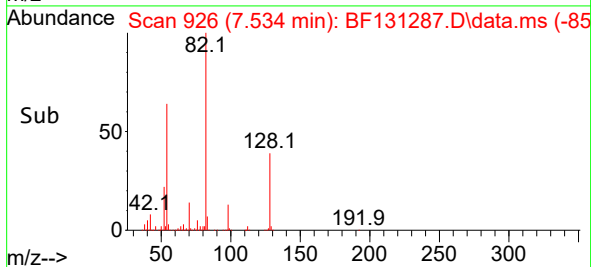
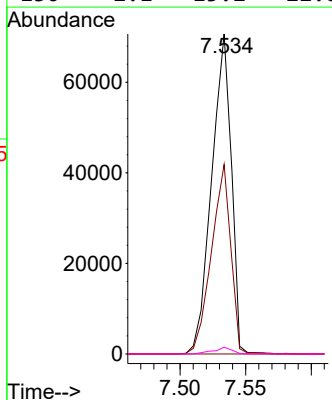
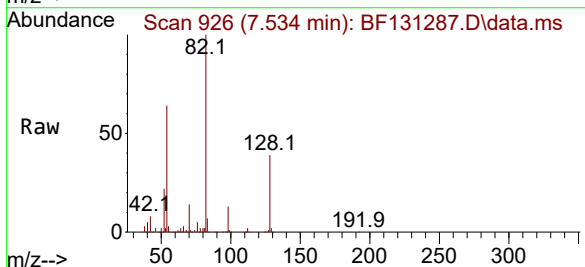
Instrument :
BNA_F
ClientSampleId :
PB148901BL

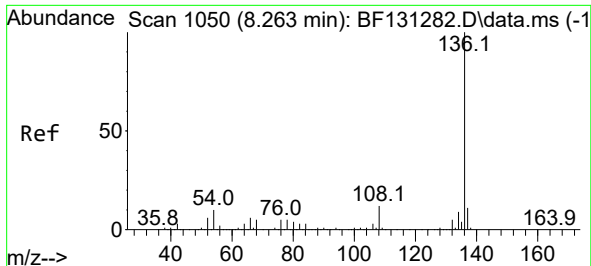
Tgt Ion: 99 Resp: 807558
Ion Ratio Lower Upper
99 100
42 23.8 21.2 31.8
71 41.3 33.8 50.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.678 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.147 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion: 70 Resp: 73544
Ion Ratio Lower Upper
70 100
42 59.2 58.9 88.3
101 0.0 7.2 10.8#
130 2.1 15.2 22.8#

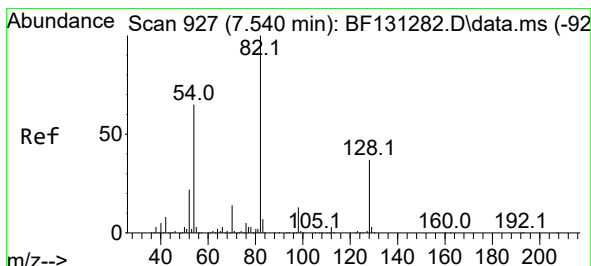
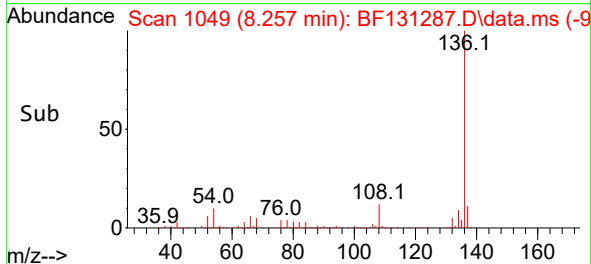
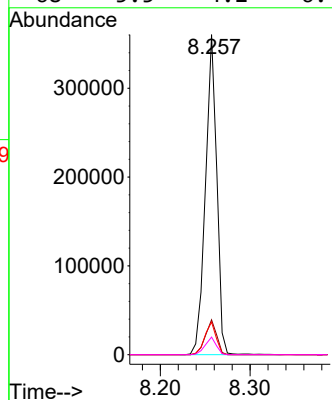
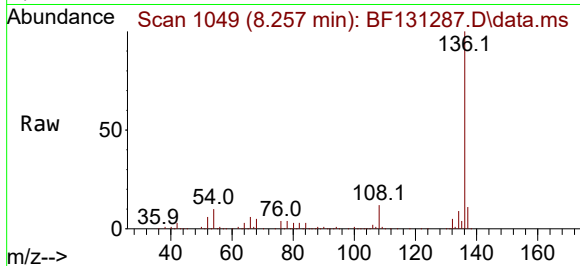




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

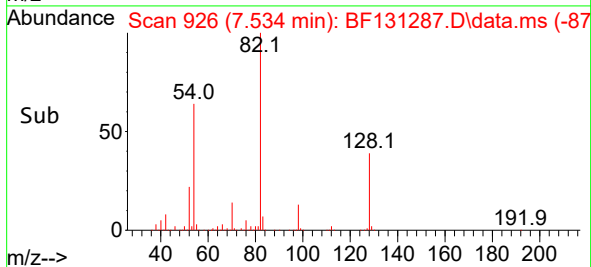
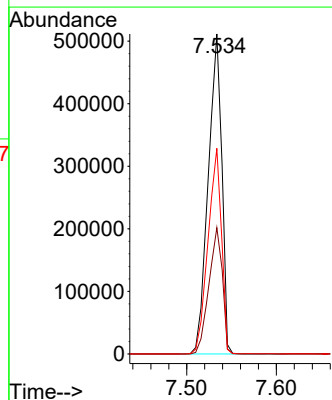
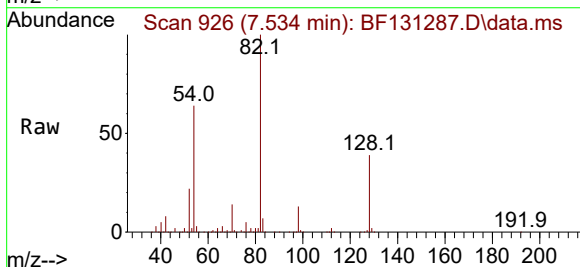
Instrument :
BNA_F
ClientSampleId :
PB148901BL

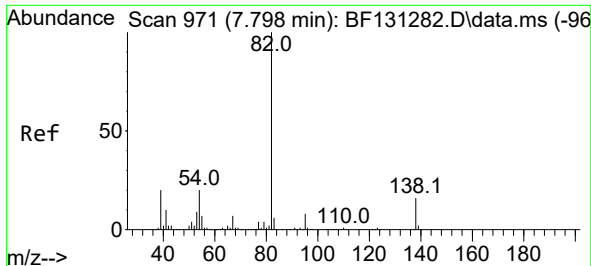
Tgt Ion:	136	Resp:	315416
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.2	8.2	12.2
68	5.5	4.2	6.4



#23
Nitrobenzene-d5
Concen: 90.953 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:	82	Resp:	537055
Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.2	43.8
54	64.2	52.2	78.4

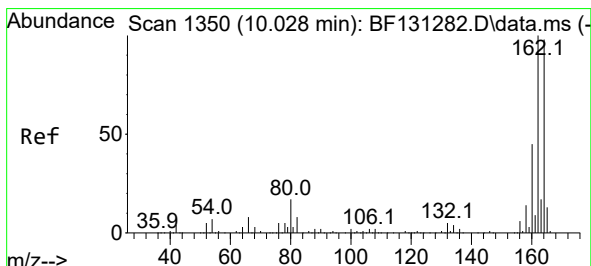
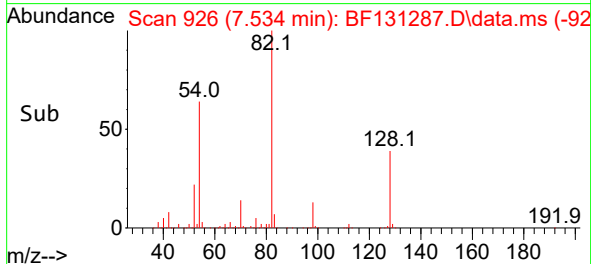
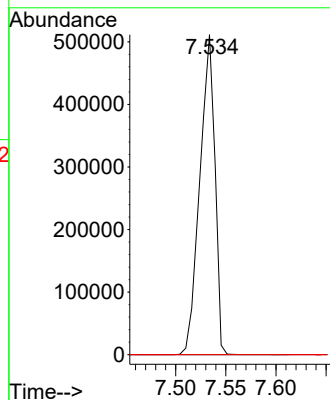
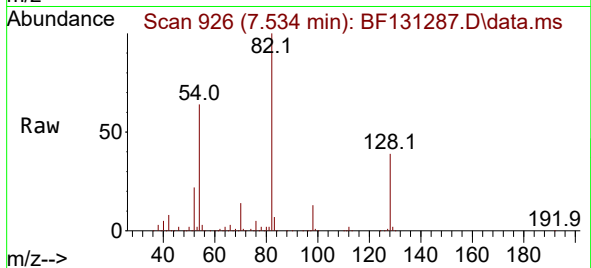




#25
Isophorone
Concen: 47.616 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

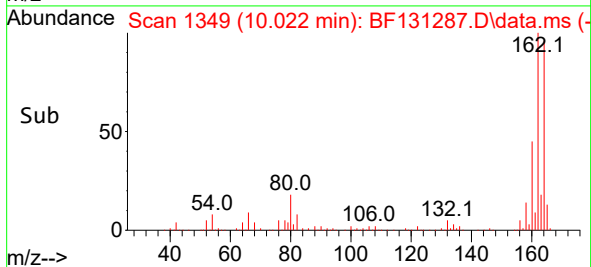
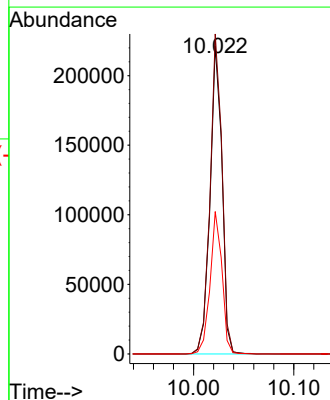
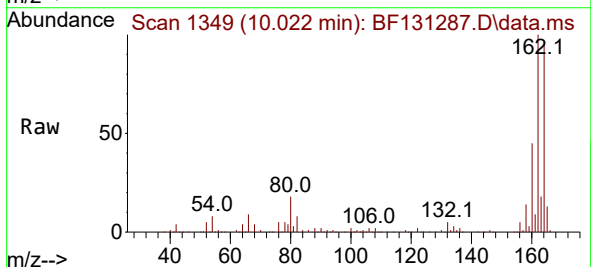
Instrument :
BNA_F
ClientSampleId :
PB148901BL

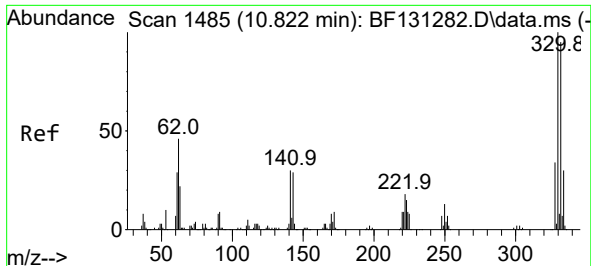
Tgt Ion: 82 Resp: 536799
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.0 19.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

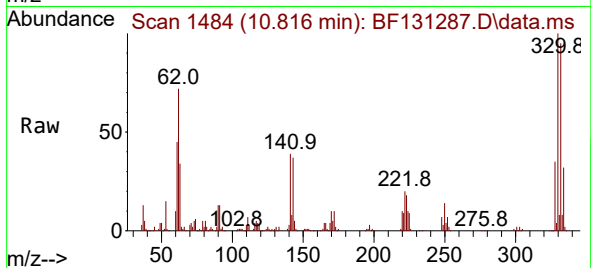
Tgt Ion:164 Resp: 184520
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 46.2 36.6 54.8



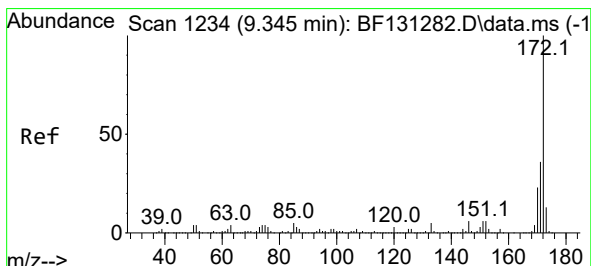
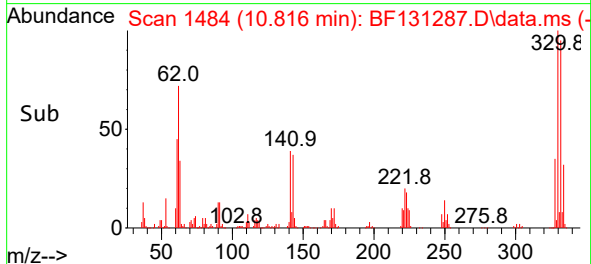
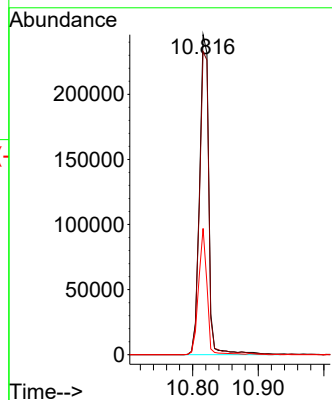


#42
2,4,6-Tribromophenol
Concen: 147.306 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Instrument :
BNA_F
ClientSampleId :
PB148901BL

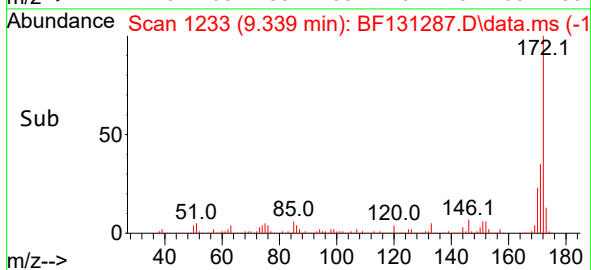
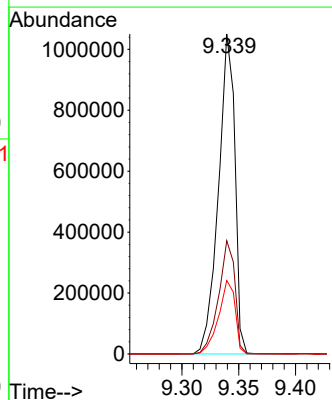
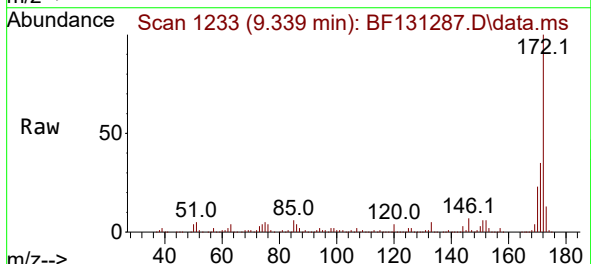


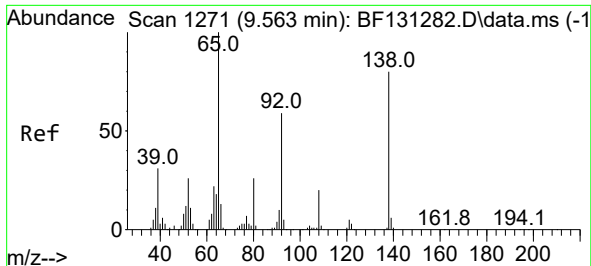
Tgt Ion:330 Resp: 241964
Ion Ratio Lower Upper
330 100
332 95.7 75.4 113.0
141 35.7 30.0 45.0



#45
2-Fluorobiphenyl
Concen: 82.181 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:172 Resp: 1061722
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 18.5 27.7

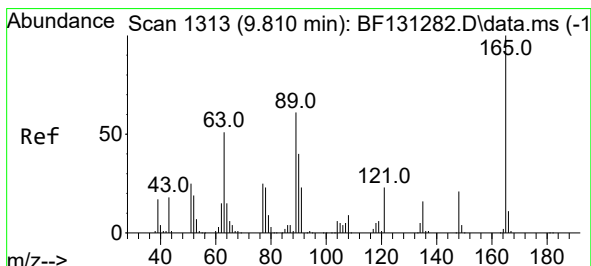
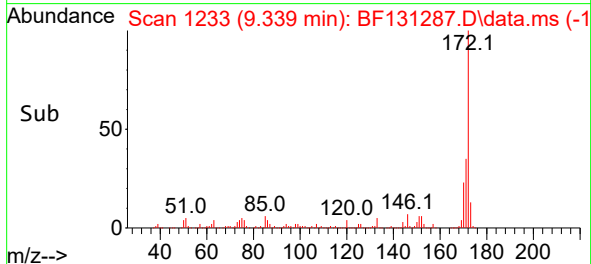
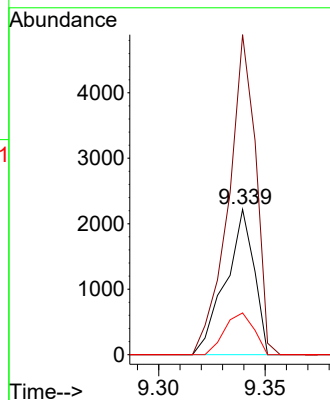
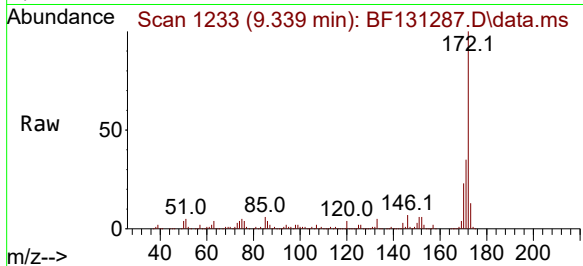




#48
2-Nitroaniline
Concen: 5.010 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

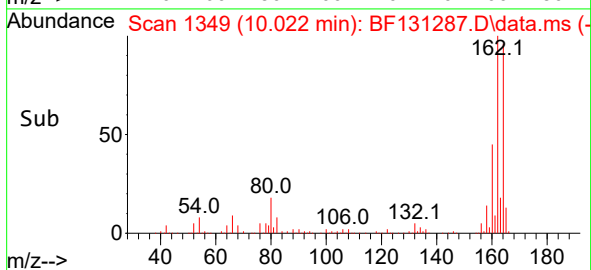
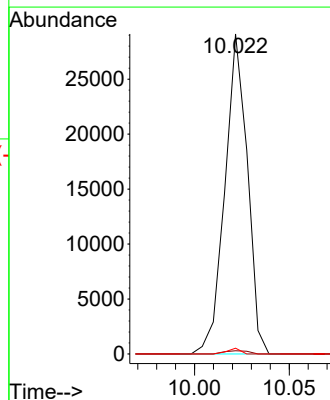
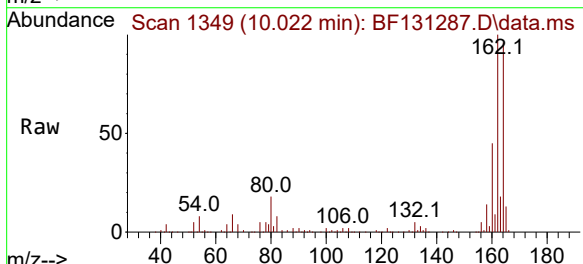
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ClientSampleId :
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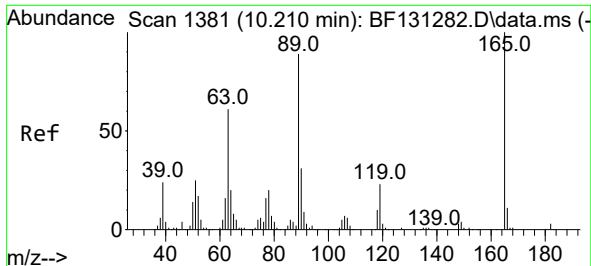
Tgt Ion: 65 Resp: 2067
Ion Ratio Lower Upper
65 100
92 220.3 47.2 70.8#
138 28.7 64.2 96.4#



#51
2,6-Dinitrotoluene
Concen: 12.530 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.212 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion: 165 Resp: 24000
Ion Ratio Lower Upper
165 100
63 1.0 53.3 79.9#
89 1.8 49.4 74.0#

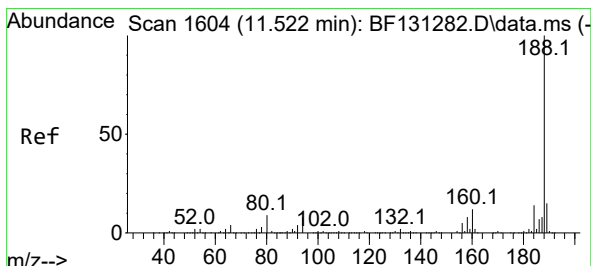
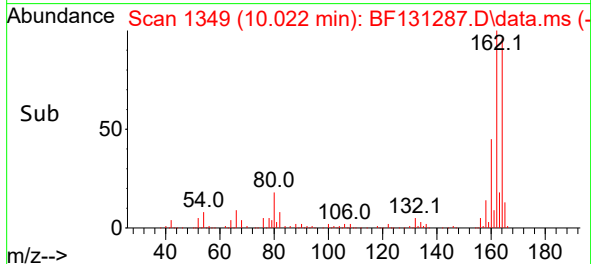
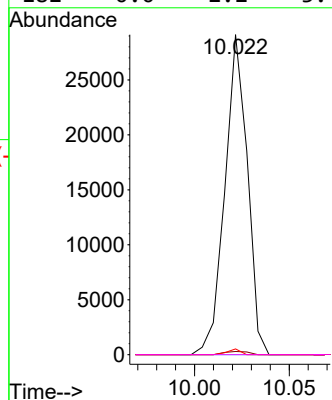
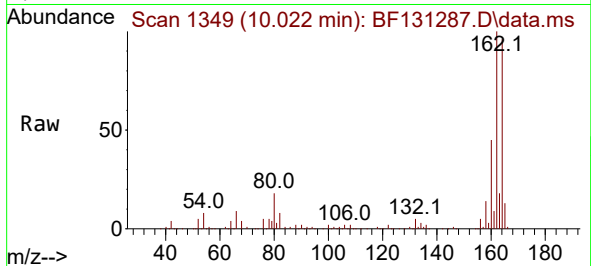




#57
2,4-Dinitrotoluene
Concen: 11.417 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

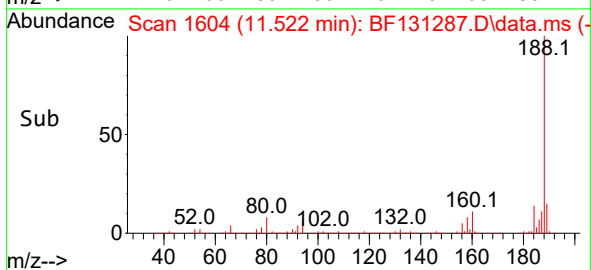
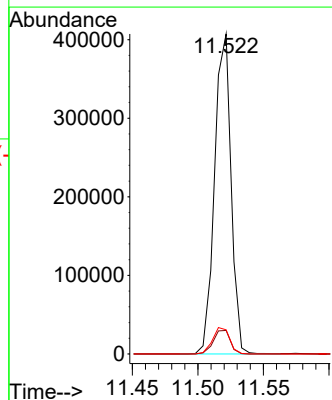
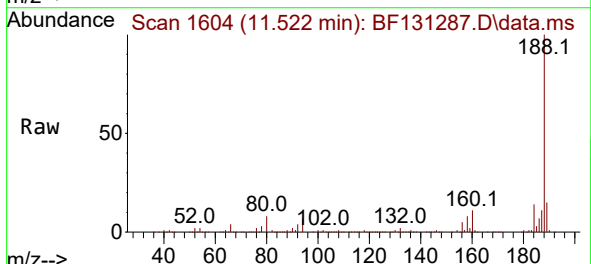
Instrument :
BNA_F
ClientSampleId :
PB148901BL

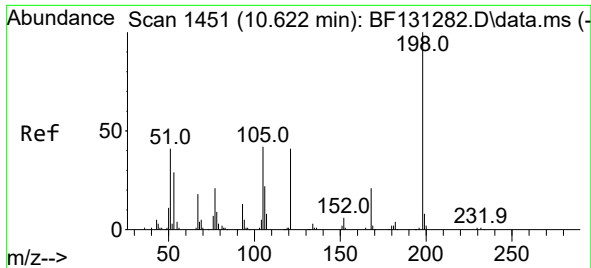
Tgt Ion:165 Resp: 24000
Ion Ratio Lower Upper
165 100
63 1.0 49.0 73.6#
89 1.8 71.1 106.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:188 Resp: 356046
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 7.6 7.2 10.8

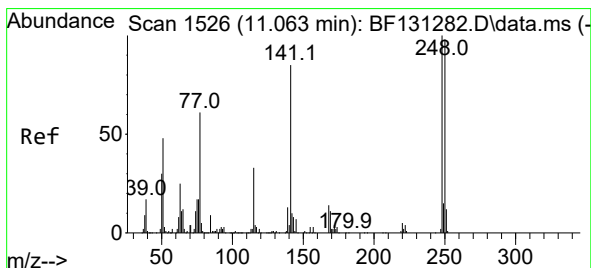
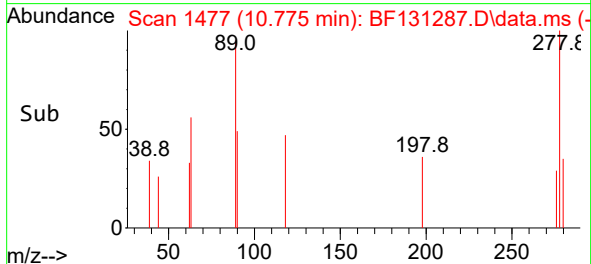
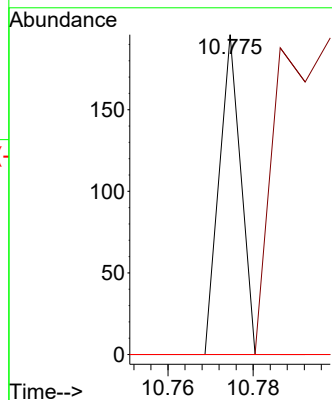
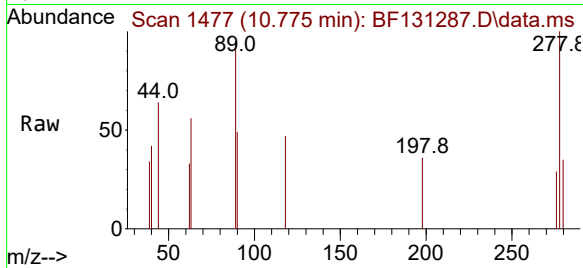




#65
4,6-Dinitro-2-methylphenol
Concen: 5.900 ng
RT: 10.775 min Scan# 1451
Delta R.T. 0.153 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

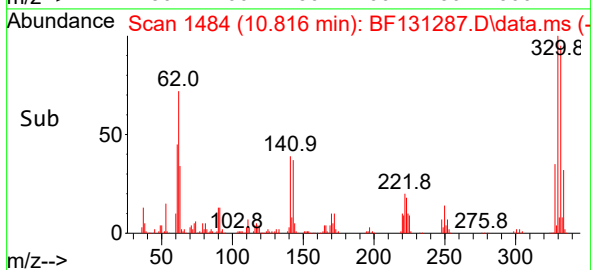
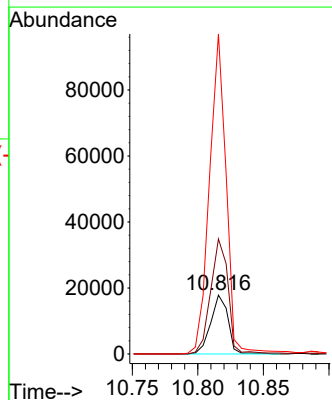
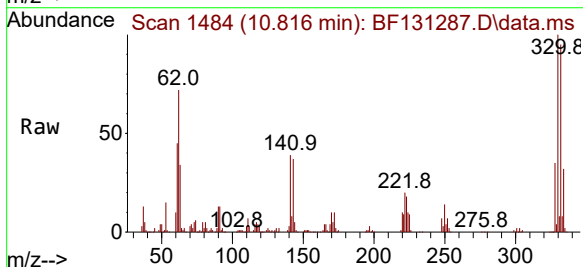
Instrument :
BNA_F
ClientSampleId :
PB148901BL

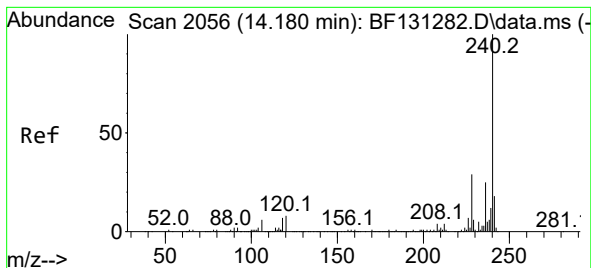
Tgt Ion:198 Resp: 69
Ion Ratio Lower Upper
198 100
51 0.0 35.7 75.7#
105 0.0 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:248 Resp: 16385
Ion Ratio Lower Upper
248 100
250 195.6 78.3 117.5#
141 543.8 67.6 101.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BF131287.D

Acq: 17 Nov 2022 16:16

Instrument :

BNA_F

ClientSampleId :

PB148901BL

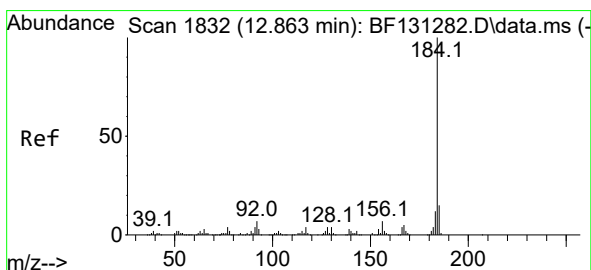
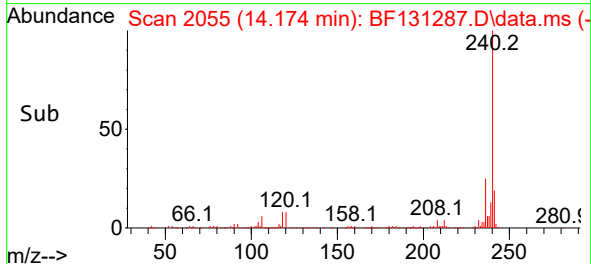
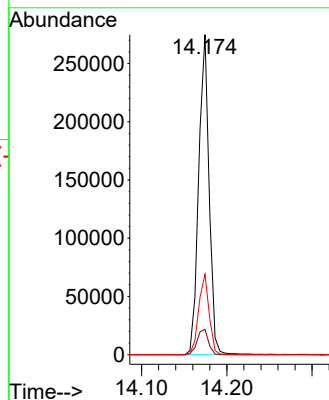
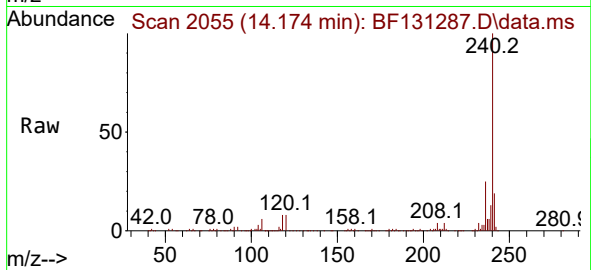
Tgt Ion:240 Resp: 233949

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

236 25.2 19.8 29.6



#77

Benzidine

Concen: 3.435 ng

RT: 13.121 min Scan# 1876

Delta R.T. 0.259 min

Lab File: BF131287.D

Acq: 17 Nov 2022 16:16

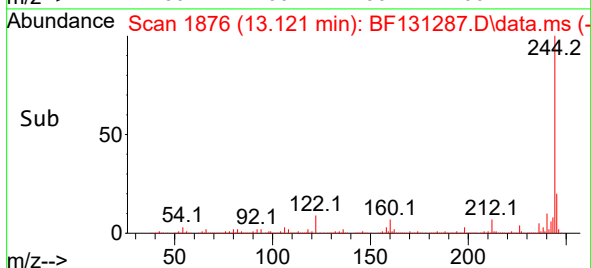
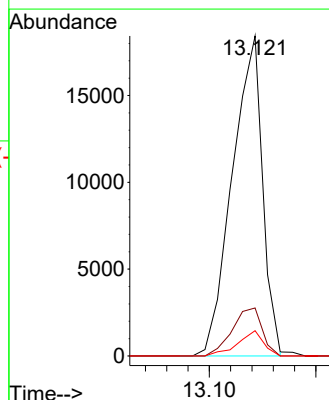
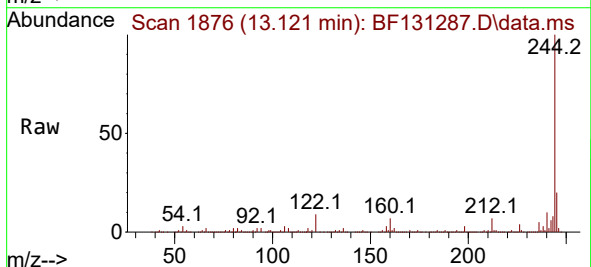
Tgt Ion:184 Resp: 18179

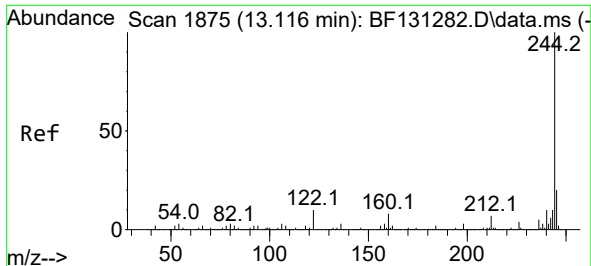
Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

183 7.9 9.3 13.9#

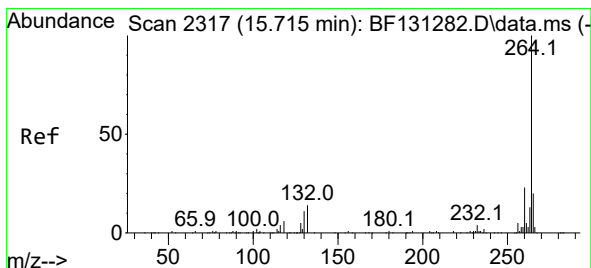
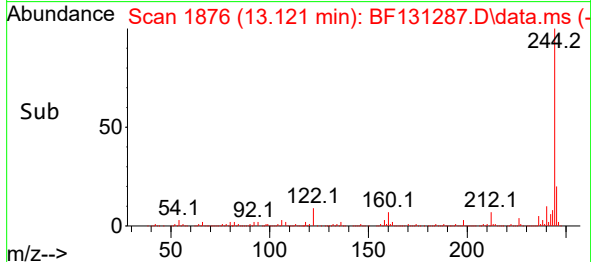
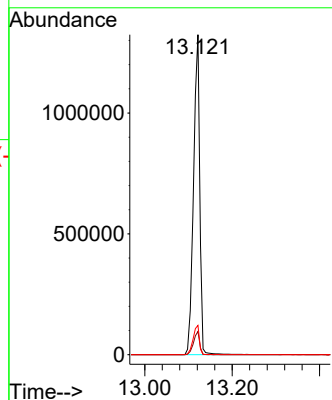
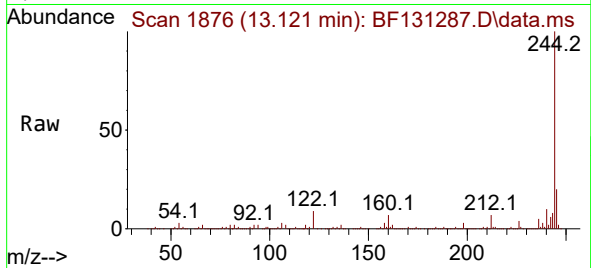




#79
 Terphenyl-d14
 Concen: 83.708 ng
 RT: 13.121 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: BF131287.D
 Acq: 17 Nov 2022 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BL

Tgt Ion:244 Resp: 1310130
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.715 min Scan# 2317
 Delta R.T. -0.000 min
 Lab File: BF131287.D
 Acq: 17 Nov 2022 16:16

Tgt Ion:264 Resp: 164433
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.8 16.2 24.4

