

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137731.D
 Acq On : 26 Apr 2024 12:18
 Operator : CG\JU
 Sample : PB160276BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160534BL

Quant Time: Apr 26 12:57:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

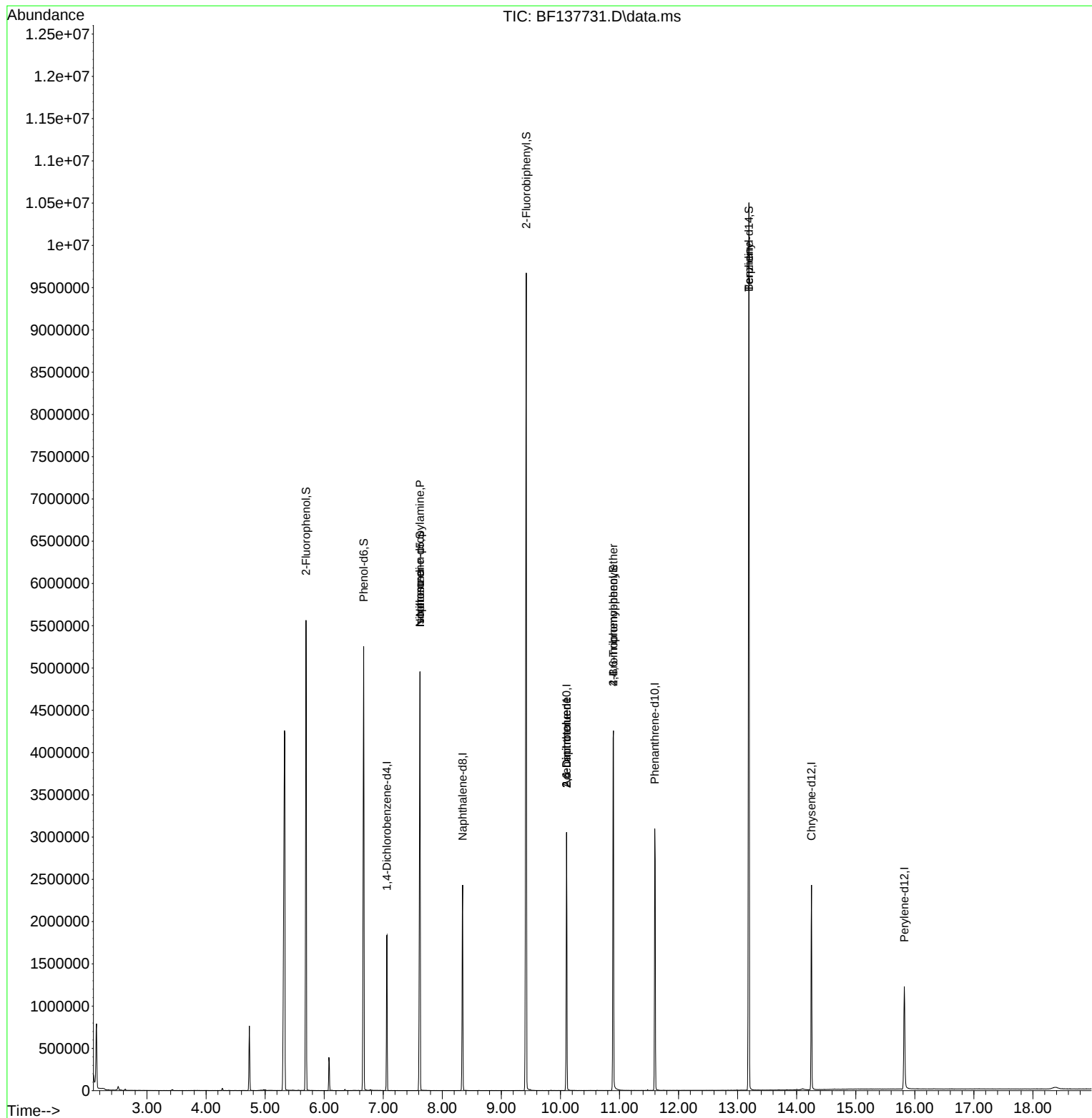
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	287298	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1122387	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	629749	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	1128907	20.000	ng	0.00
76) Chrysene-d12	14.251	240	789984	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	586729	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1612294	85.247	ng	0.01
7) Phenol-d6	6.669	99	1973393	82.164	ng	0.00
23) Nitrobenzene-d5	7.622	82	1719589	81.328	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	576107	90.659	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3334521	79.118	ng	0.00
79) Terphenyl-d14	13.192	244	4006899	81.639	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	233072	15.007	ng	# 77
25) Isophorone	7.622	82	1716417	43.709	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	82253	8.897	ng	# 22
57) 2,4-Dinitrotoluene	10.104	165	82238	7.056	ng	# 24
67) 4-Bromophenyl-phenylether	10.898	248	37985	2.904	ng	# 1
77) Benzidine	13.192	184	49914	2.705	ng	# 90

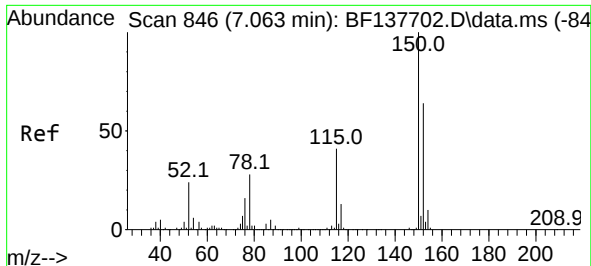
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137731.D
Acq On : 26 Apr 2024 12:18
Operator : CG\JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160534BL

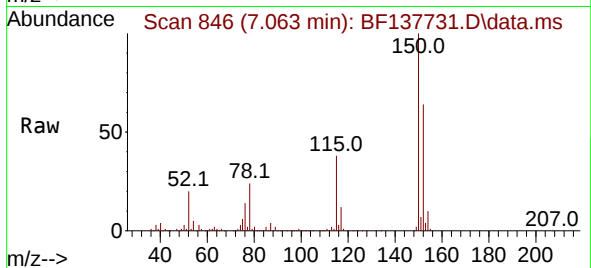
Quant Time: Apr 26 12:57:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration



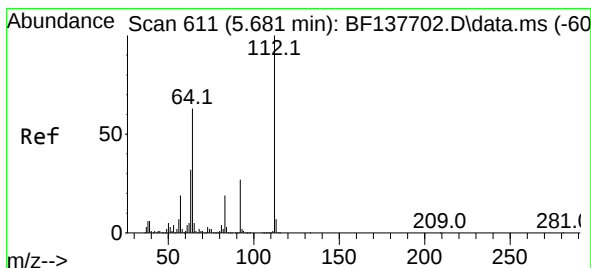
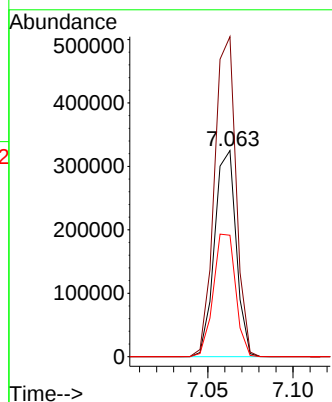
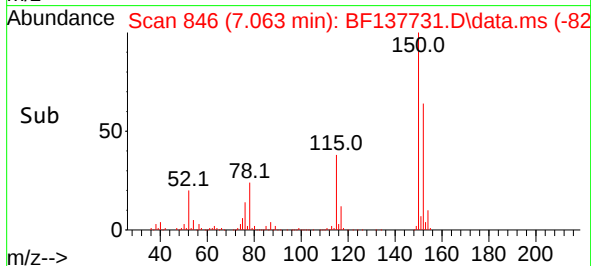


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

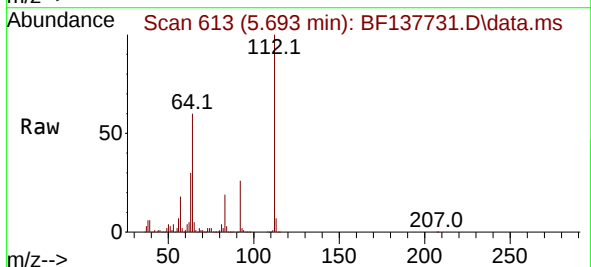
Instrument :
BNA_F
ClientSampleId :
PB160534BL



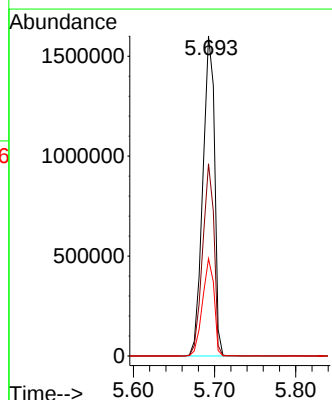
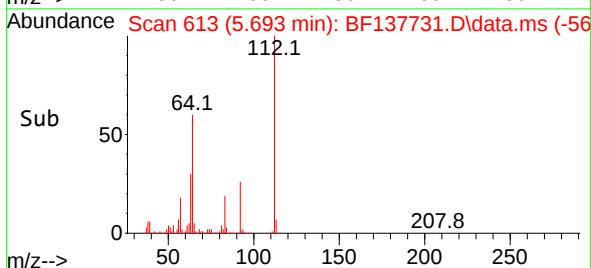
Tgt Ion:152 Resp: 287298
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 58.9 50.8 76.2



#5
2-Fluorophenol
Concen: 85.247 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.012 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18



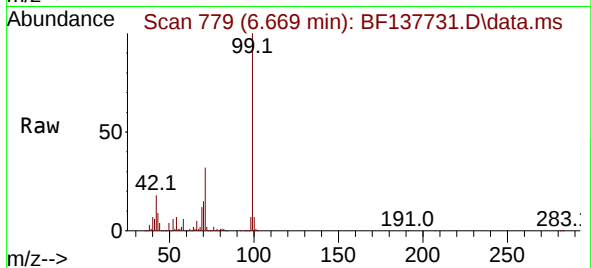
Tgt Ion:112 Resp: 1612294
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 30.4 25.2 37.8





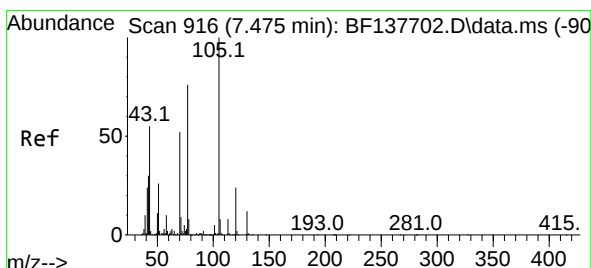
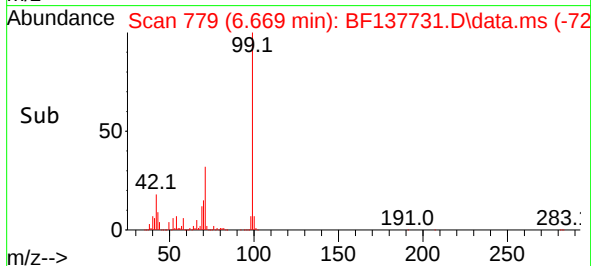
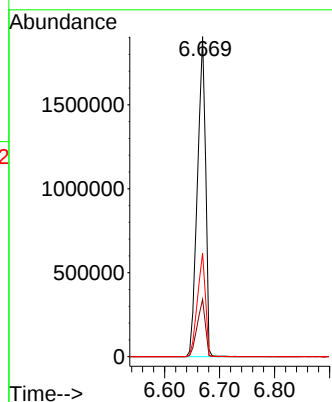
#7
Phenol-d6
Concen: 82.164 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Instrument :
BNA_F
ClientSampleId :
PB160534BL



Tgt Ion: 99 Resp: 1973393

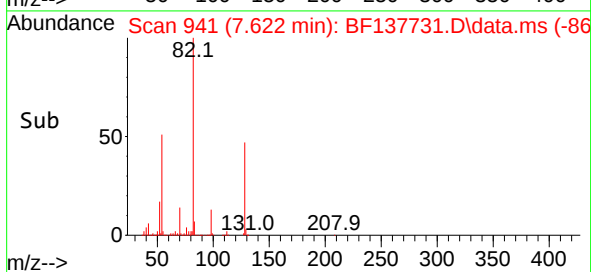
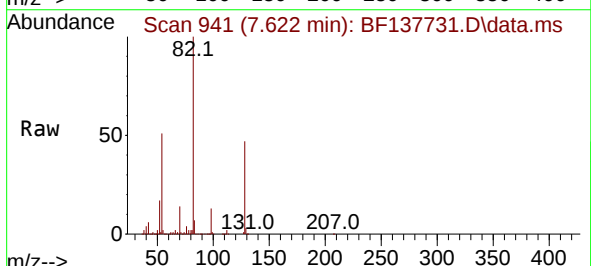
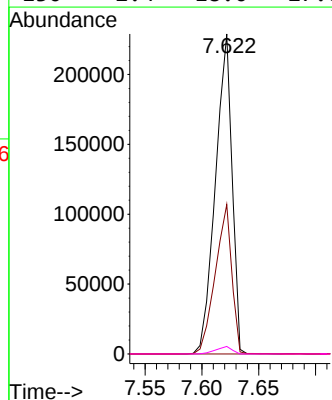
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	32.4	25.7	38.5

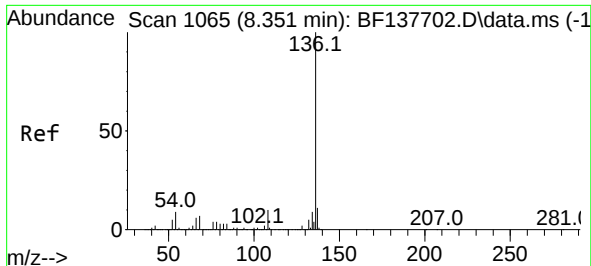


#19
n-Nitroso-di-n-propylamine
Concen: 15.007 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Tgt Ion: 70 Resp: 233072

Ion	Ratio	Lower	Upper
70	100		
42	46.7	45.9	68.9
101	0.0	8.0	12.0#
130	2.4	18.0	27.0#



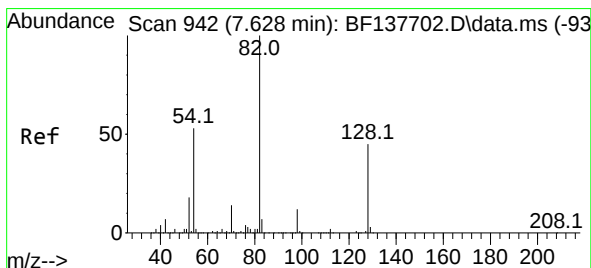
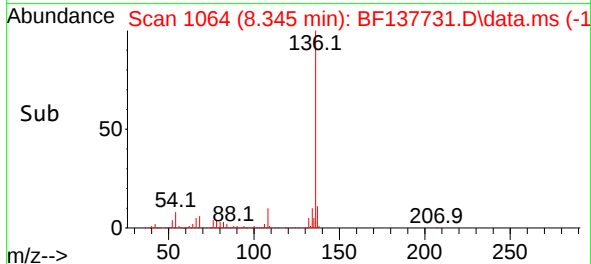
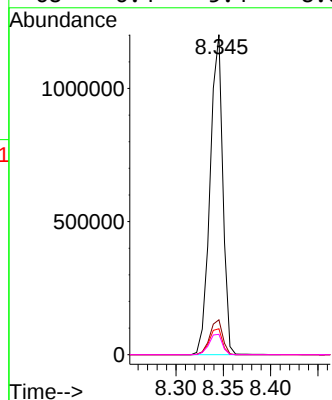
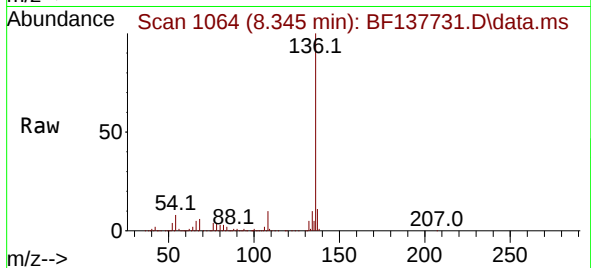


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Instrument :
BNA_F
ClientSampleId :
PB160534BL

Tgt Ion:136 Resp: 1122387

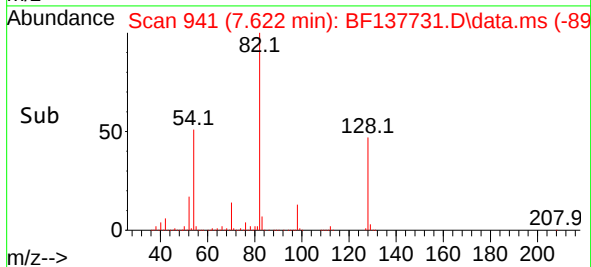
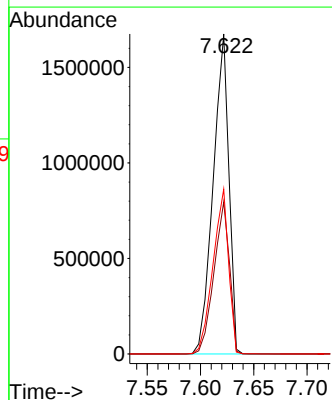
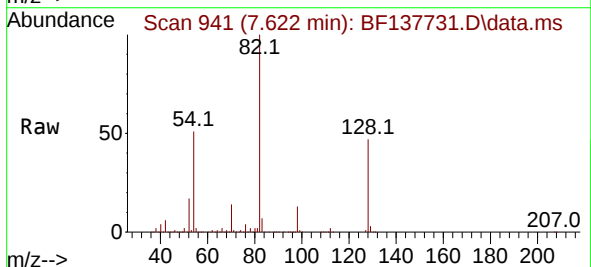
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.9	10.3
68	6.4	5.4	8.0

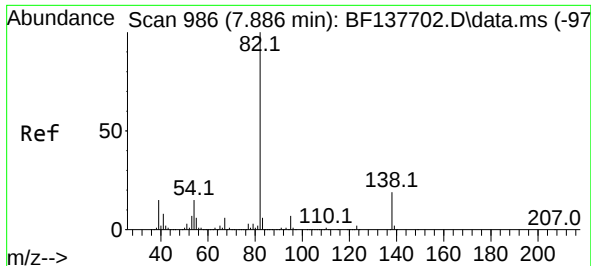


#23
Nitrobenzene-d5
Concen: 81.328 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Tgt Ion: 82 Resp: 1719589

Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.8	53.6
54	51.5	42.5	63.7

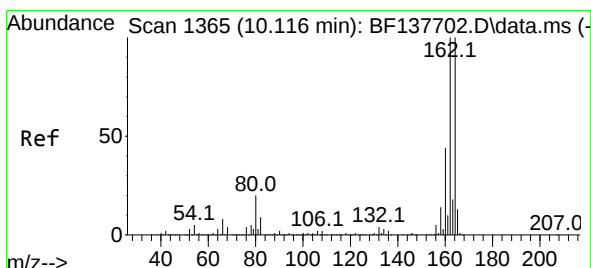
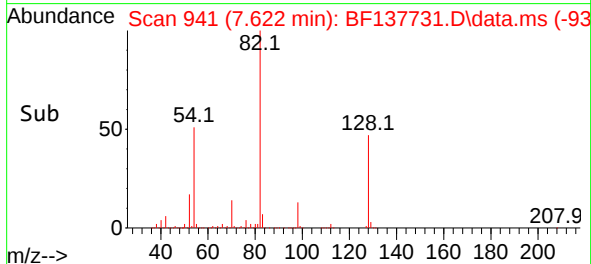
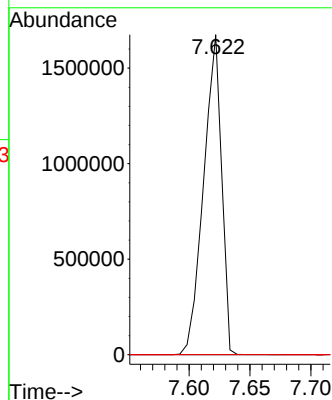
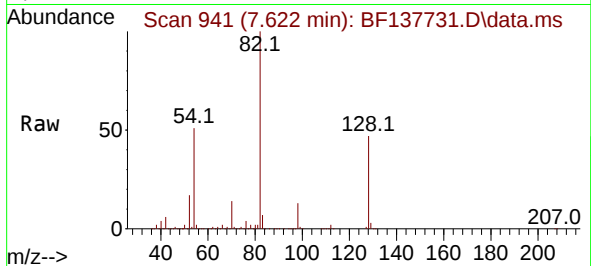




#25
Isophorone
Concen: 43.709 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

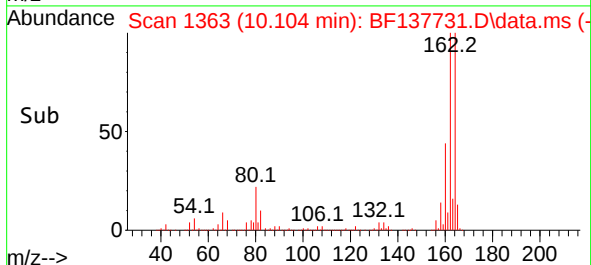
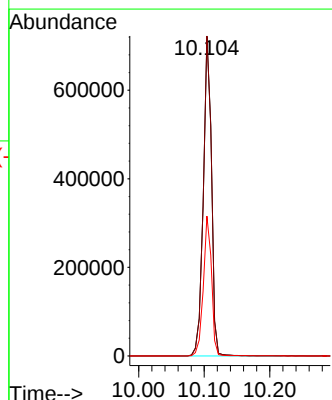
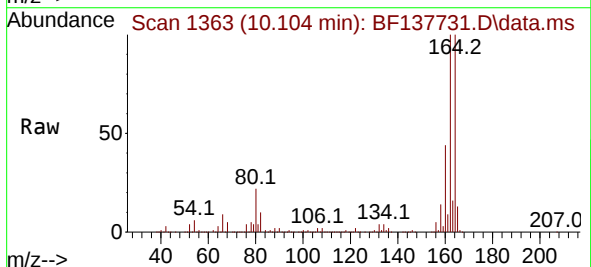
Instrument :
BNA_F
ClientSampleId :
PB160534BL

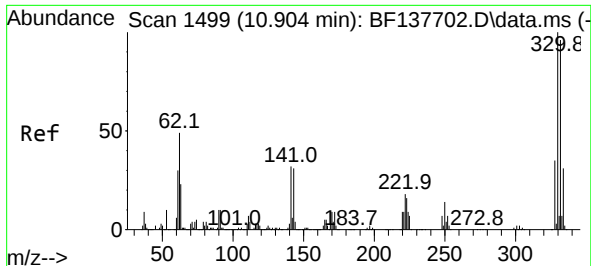
Tgt Ion: 82 Resp: 1716417
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

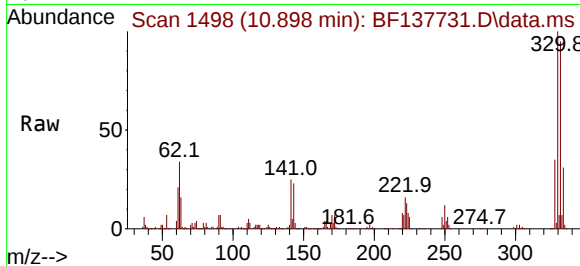
Tgt Ion:164 Resp: 629749
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 43.8 35.0 52.4



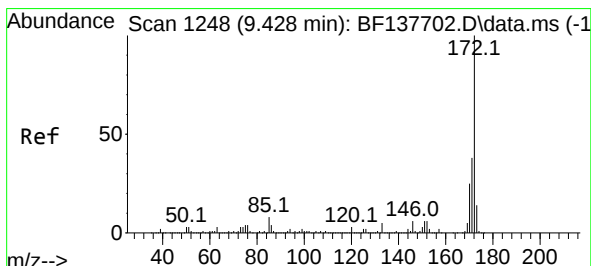
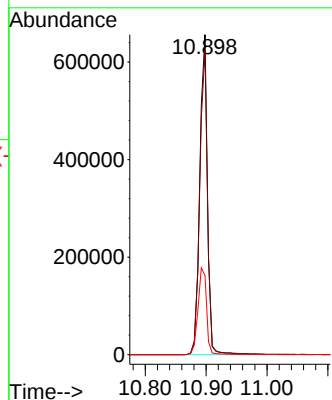
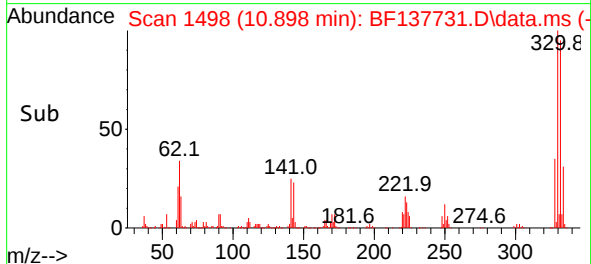


#42
2,4,6-Tribromophenol
Concen: 90.659 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

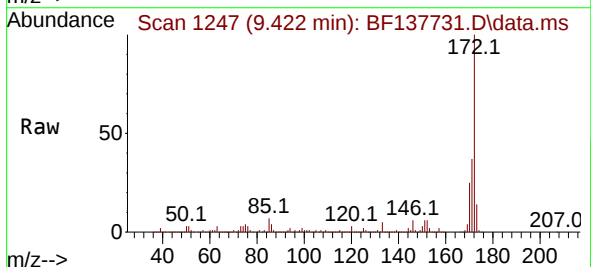
Instrument :
BNA_F
ClientSampleId :
PB160534BL



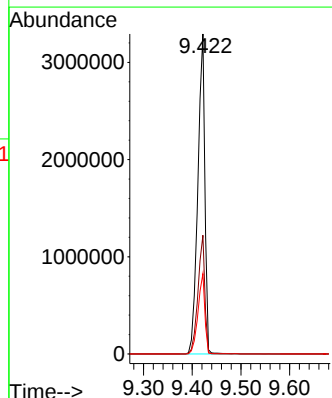
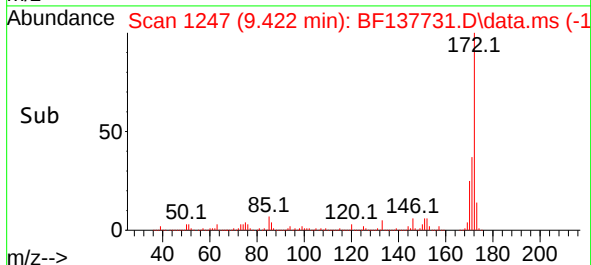
Tgt Ion:330 Resp: 576107
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.2 27.0 40.4

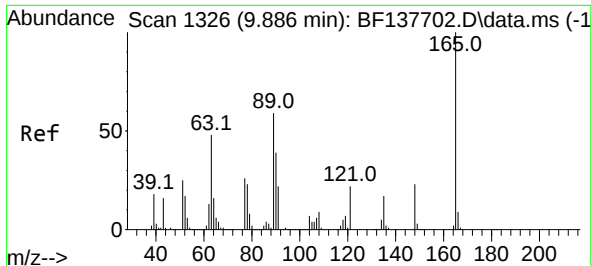


#45
2-Fluorobiphenyl
Concen: 79.118 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18



Tgt Ion:172 Resp: 3334521
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.4
170 25.1 20.2 30.4

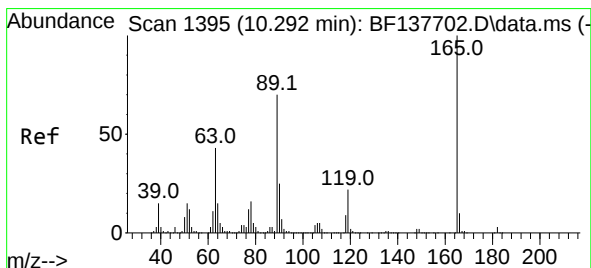
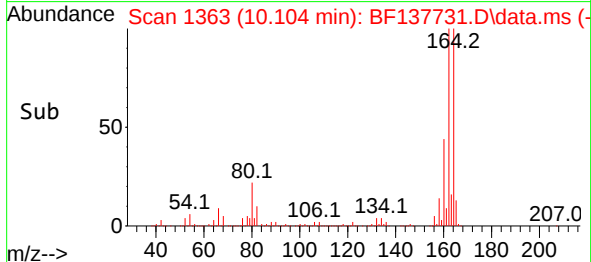
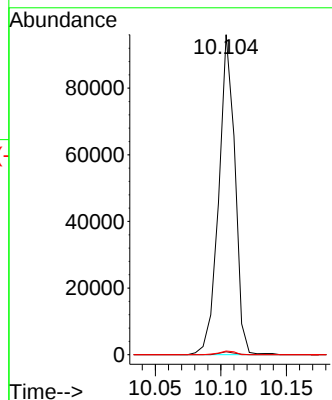
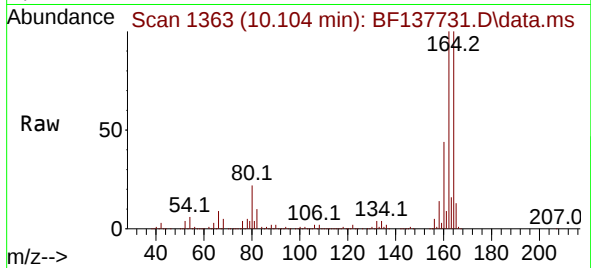




#51
2,6-Dinitrotoluene
Concen: 8.897 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

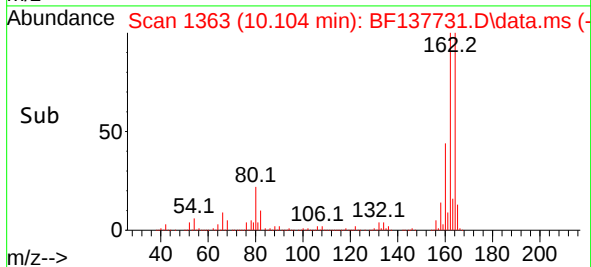
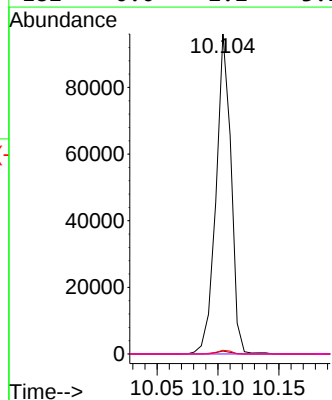
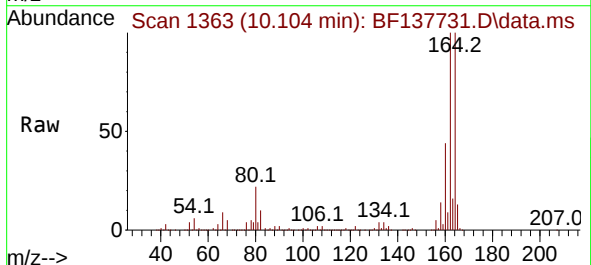
Instrument :
BNA_F
ClientSampleId :
PB160534BL

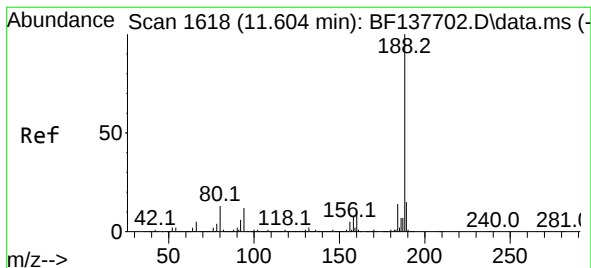
Tgt Ion:165 Resp: 82253
Ion Ratio Lower Upper
165 100
63 0.9 47.7 71.5#
89 1.1 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Tgt Ion:165 Resp: 82238
Ion Ratio Lower Upper
165 100
63 0.9 34.1 51.1#
89 1.1 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137731.D

Acq: 26 Apr 2024 12:18

Instrument :

BNA_F

ClientSampleId :

PB160534BL

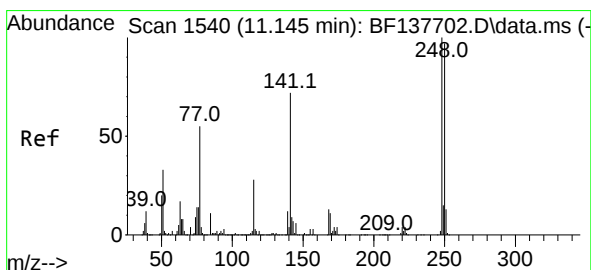
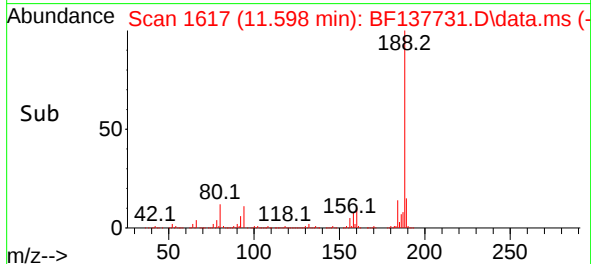
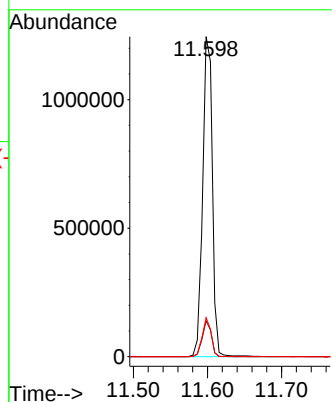
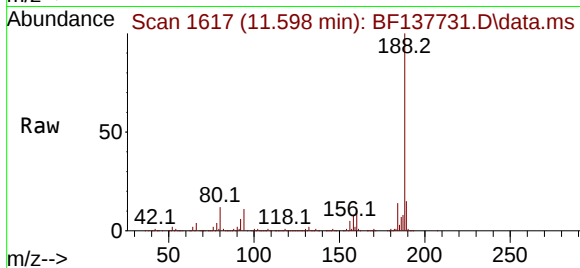
Tgt Ion:188 Resp: 1128907

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

80 12.2 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 2.904 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137731.D

Acq: 26 Apr 2024 12:18

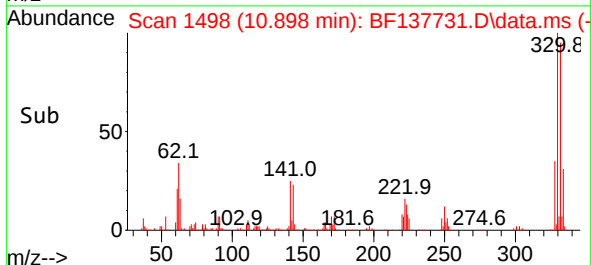
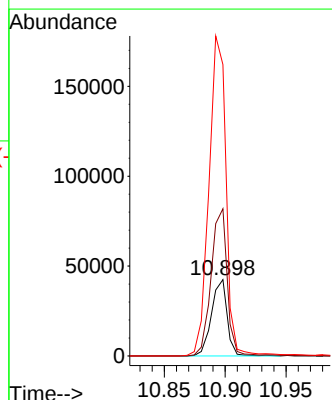
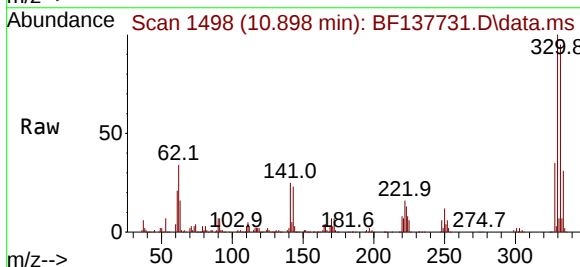
Tgt Ion:248 Resp: 37985

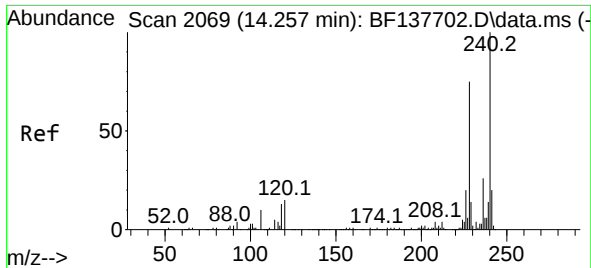
Ion Ratio Lower Upper

248 100

250 192.9 77.4 116.0#

141 381.8 57.9 86.9#

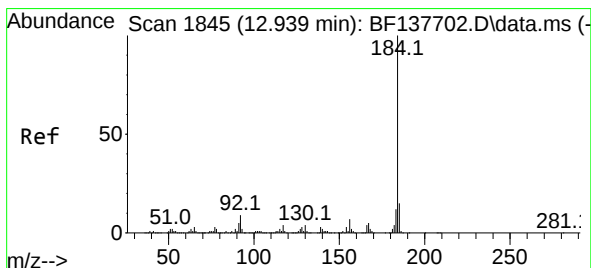
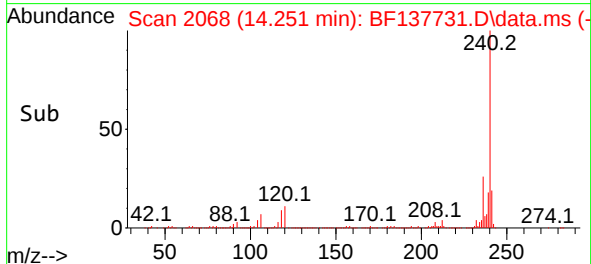
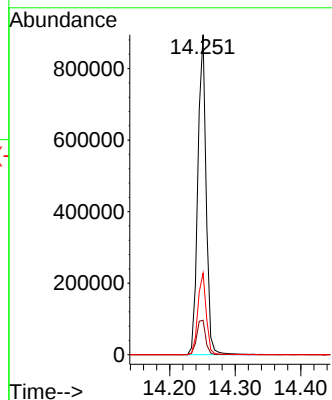
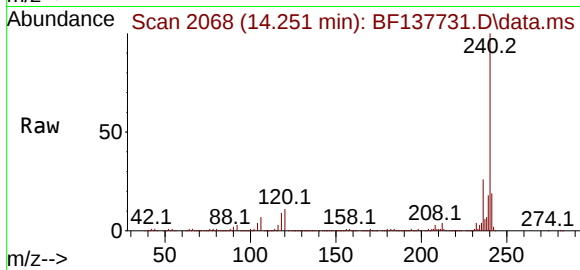




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

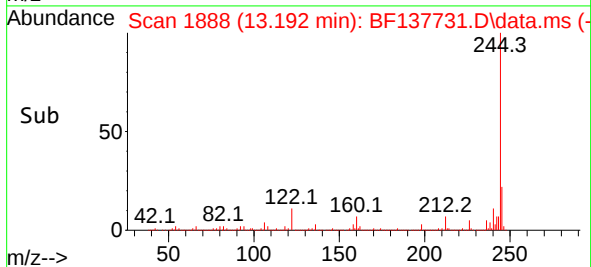
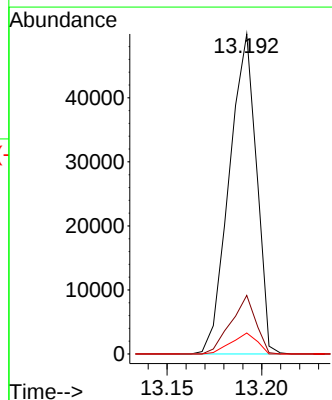
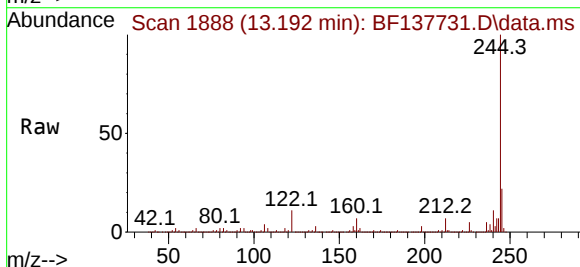
Instrument :
BNA_F
ClientSampleId :
PB160534BL

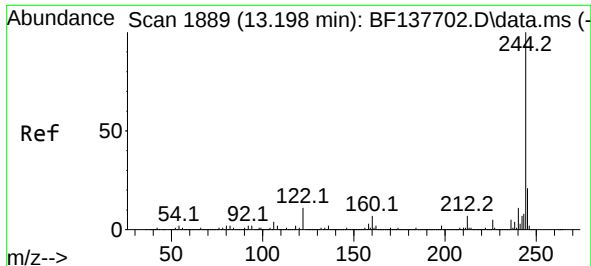
Tgt Ion:240 Resp: 789984
Ion Ratio Lower Upper
240 100
120 10.8 11.9 17.9#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.705 ng
RT: 13.192 min Scan# 1888
Delta R.T. 0.253 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

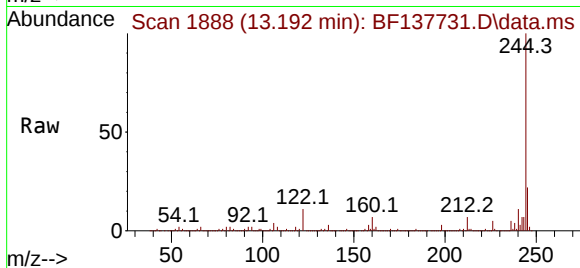
Tgt Ion:184 Resp: 49914
Ion Ratio Lower Upper
184 100
185 18.3 12.2 18.4
183 6.5 9.4 14.0#



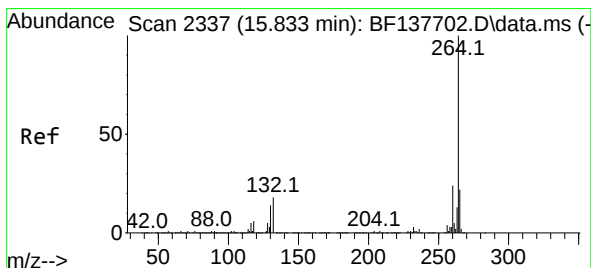
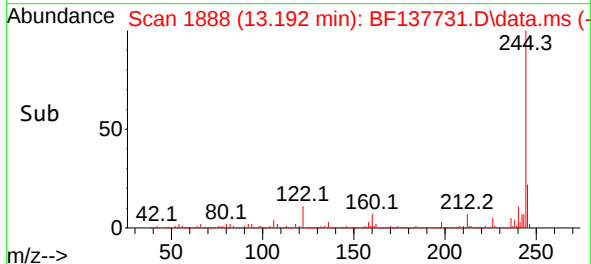
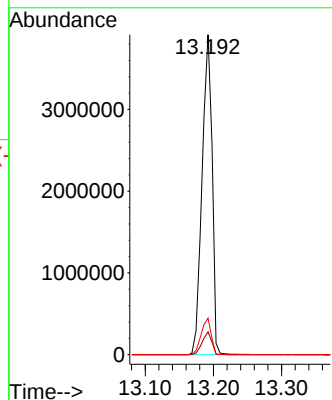


#79
Terphenyl-d14
Concen: 81.639 ng
RT: 13.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Instrument :
BNA_F
ClientSampleId :
PB160534BL



Tgt Ion:244 Resp: 4006899
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.4 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. -0.012 min
Lab File: BF137731.D
Acq: 26 Apr 2024 12:18

Tgt Ion:264 Resp: 586729
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.6 17.5 26.3

