

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132270.D
 Acq On : 01 Feb 2023 20:35
 Operator : CG\JU
 Sample : 01356-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-J

Quant Time: Feb 02 00:57:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

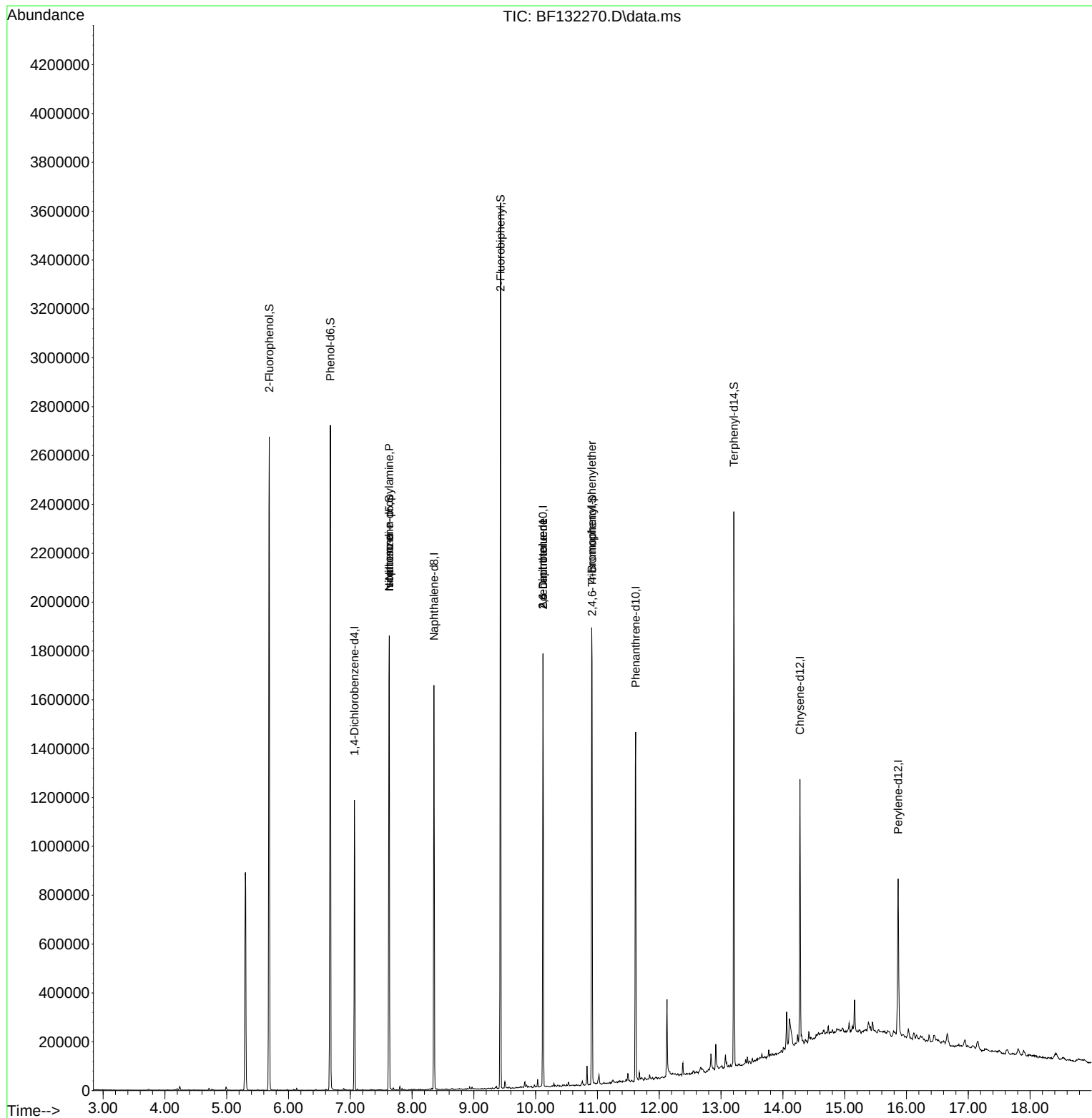
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	176036	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	665311	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	319123	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	525384	20.000	ng	0.00
76) Chrysene-d12	14.277	240	329528	20.000	ng	-0.01
86) Perylene-d12	15.866	264	300583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	844828	77.142	ng	0.00
7) Phenol-d6	6.678	99	1029350	76.238	ng	0.00
23) Nitrobenzene-d5	7.631	82	613396	51.305	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	227539	69.335	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	952589	46.096	ng	0.00
79) Terphenyl-d14	13.207	244	754222	44.275	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.619	77	263	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.631	70	76234	9.940	ng	# 76
25) Isophorone	7.631	82	613419	27.032	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	41492	8.323	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	41492	6.407	ng	# 23
67) 4-Bromophenyl-phenylether	10.907	248	14009	2.604	ng	# 1

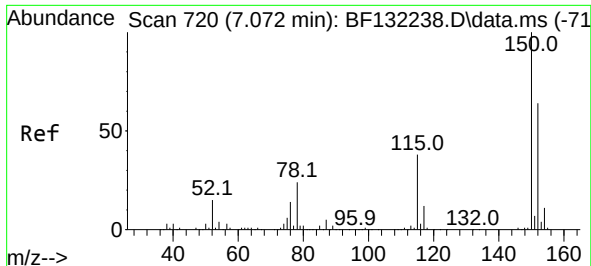
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Feb 02 00:57:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

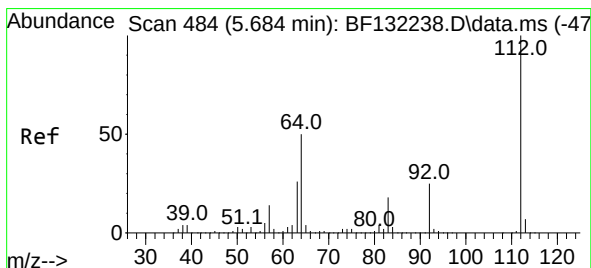
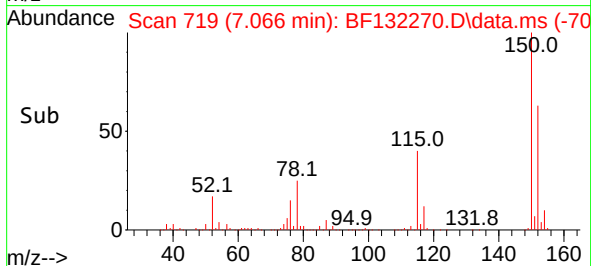
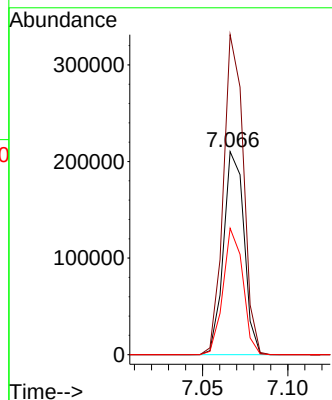
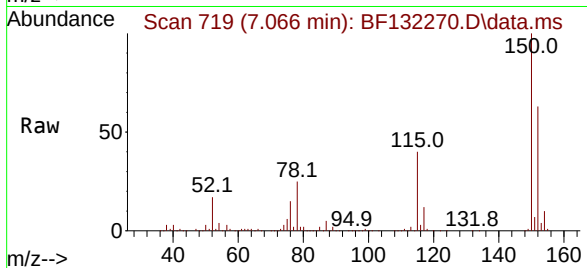




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132270.D
 Acq: 01 Feb 2023 20:35

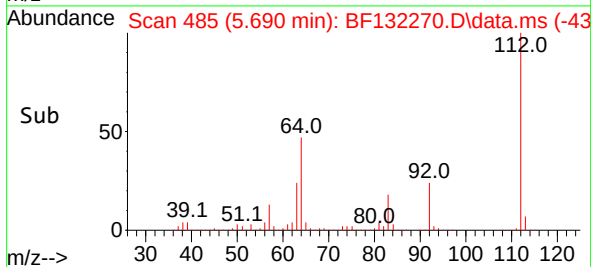
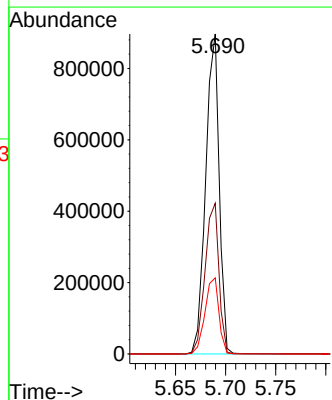
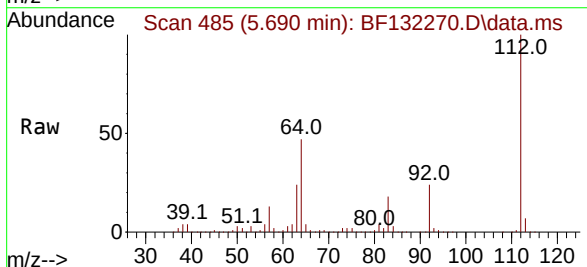
Instrument :
 BNA_F
 ClientSampleId :
 TP-J

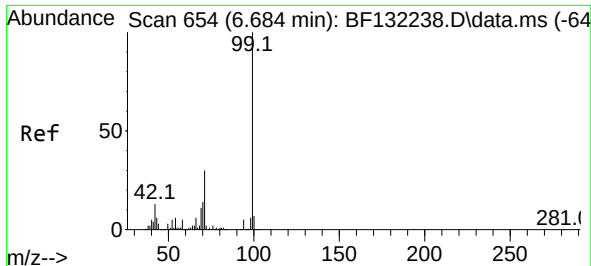
Tgt Ion:152 Resp: 176036
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.2 186.2
 115 62.3 47.3 70.9



#5
 2-Fluorophenol
 Concen: 77.142 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132270.D
 Acq: 01 Feb 2023 20:35

Tgt Ion:112 Resp: 844828
 Ion Ratio Lower Upper
 112 100
 64 47.1 40.0 60.0
 63 23.8 20.5 30.7

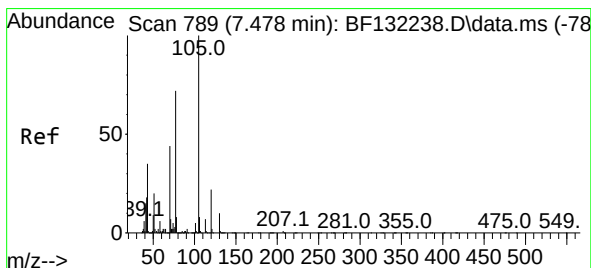
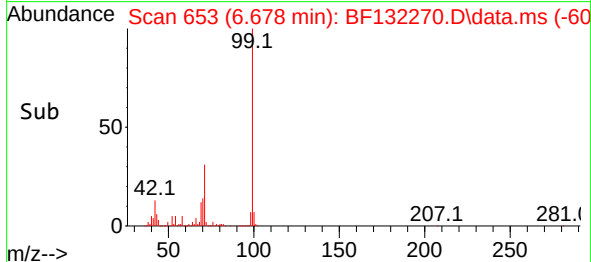
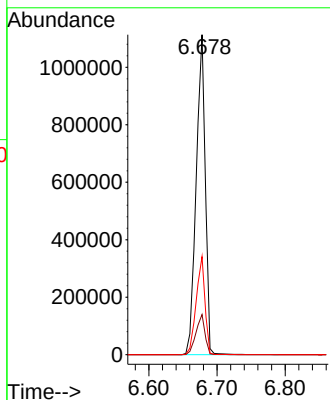
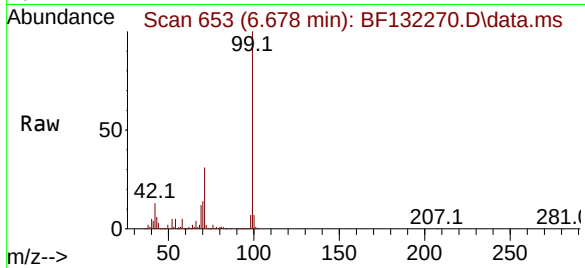




#7
Phenol-d6
Concen: 76.238 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

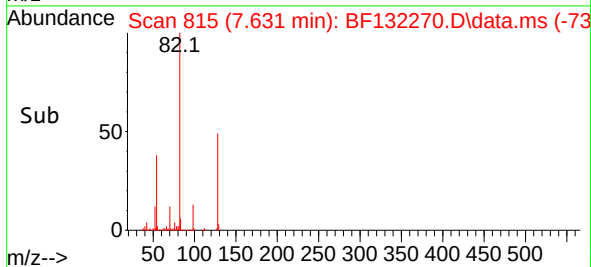
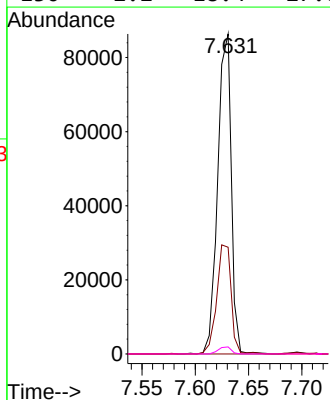
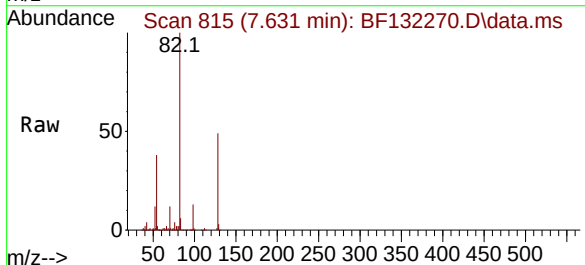
Instrument :
BNA_F
ClientSampleId :
TP-J

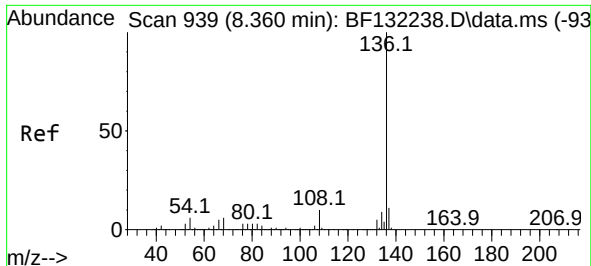
Tgt Ion: 99 Resp: 1029350
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 30.7 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.940 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

Tgt Ion: 70 Resp: 76234
Ion Ratio Lower Upper
70 100
42 33.4 33.4 50.0
101 0.0 8.2 12.4#
130 2.2 18.4 27.6#

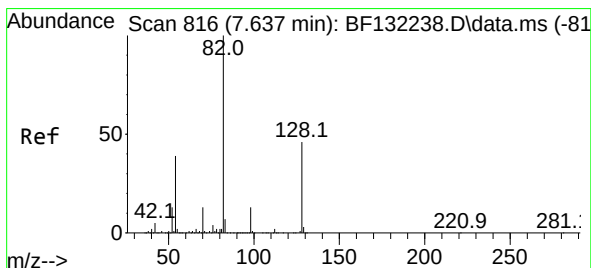
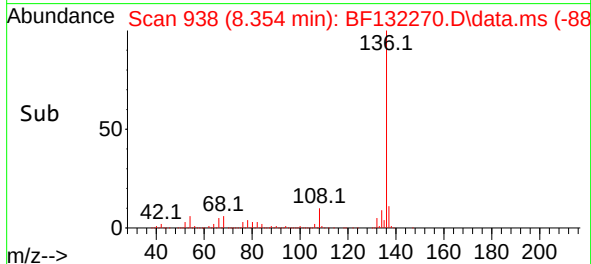
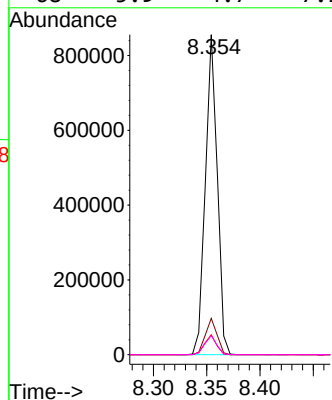
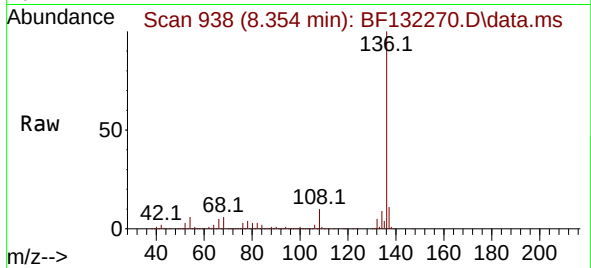




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

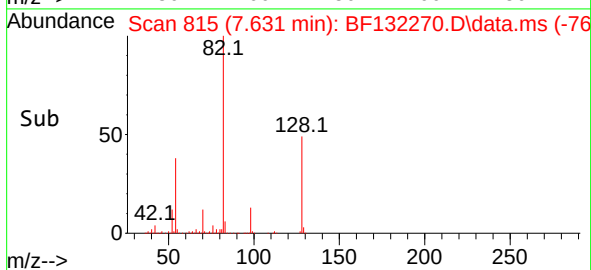
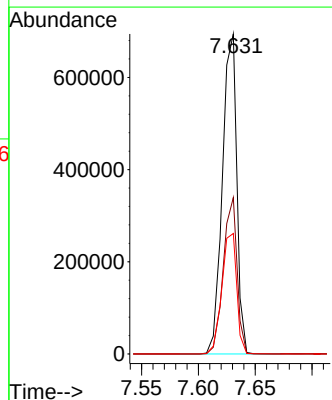
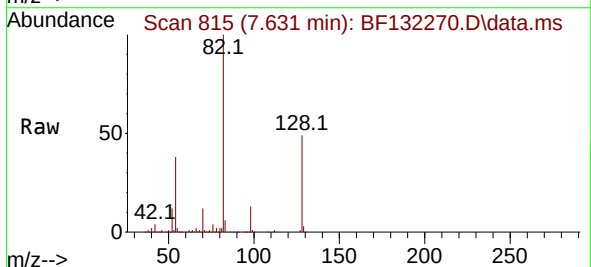
Instrument :
BNA_F
ClientSampleId :
TP-J

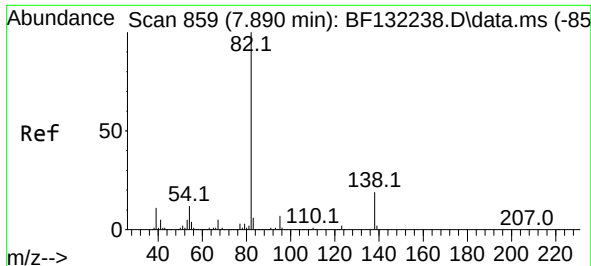
Tgt Ion:136 Resp: 665311
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.2 4.9 7.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 51.305 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

Tgt Ion: 82 Resp: 613396
Ion Ratio Lower Upper
82 100
128 48.9 37.0 55.4
54 37.6 31.5 47.3

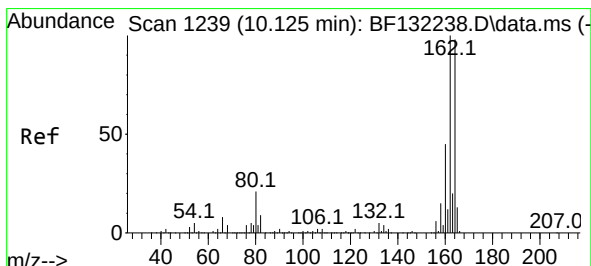
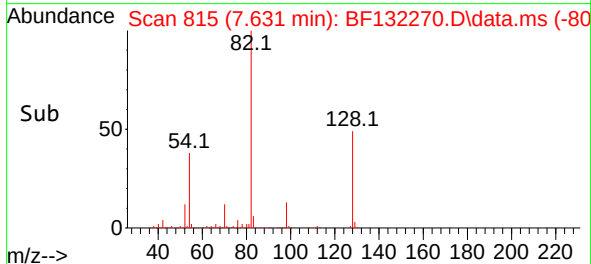
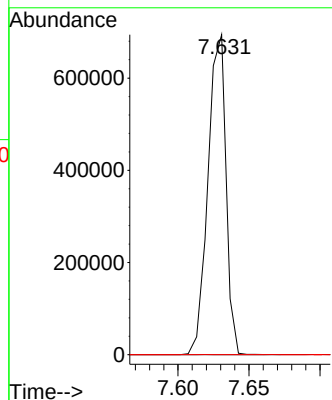
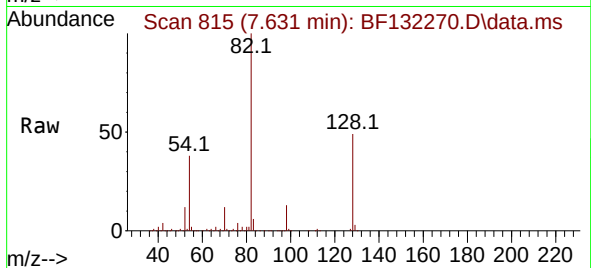




#25
Isophorone
Concen: 27.032 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

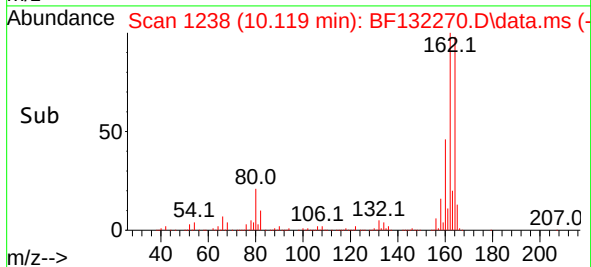
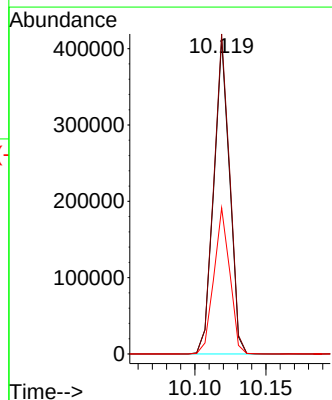
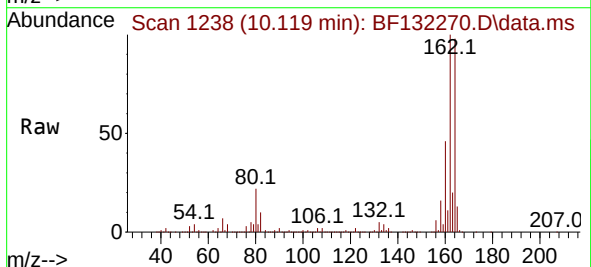
Instrument :
BNA_F
ClientSampleId :
TP-J

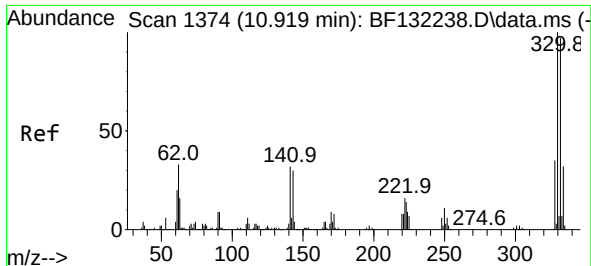
Tgt Ion: 82 Resp: 613419
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

Tgt Ion:164 Resp: 319123
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 46.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 69.335 ng

RT: 10.913 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132270.D

Acq: 01 Feb 2023 20:35

Instrument :

BNA_F

ClientSampleId :

TP-J

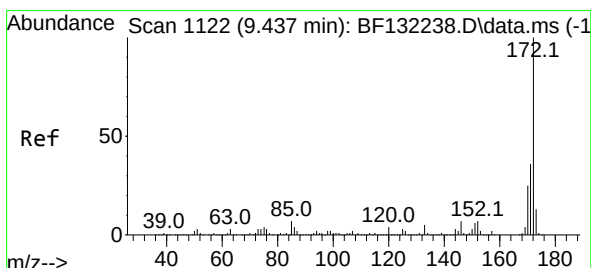
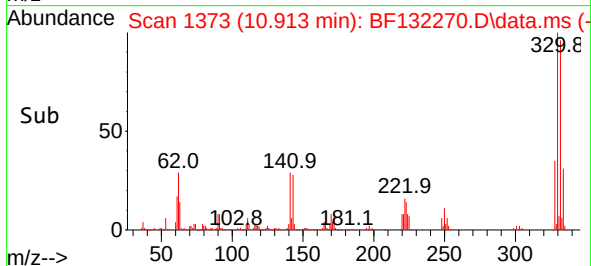
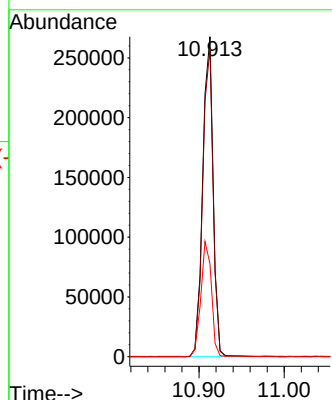
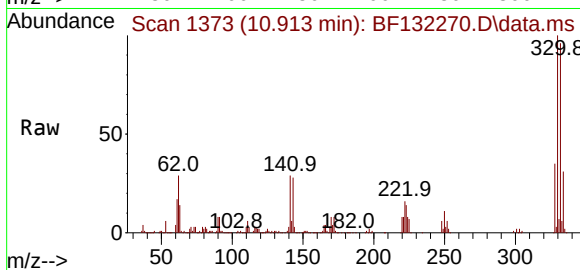
Tgt Ion:330 Resp: 227539

Ion Ratio Lower Upper

330 100

332 96.2 77.9 116.9

141 36.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 46.096 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132270.D

Acq: 01 Feb 2023 20:35

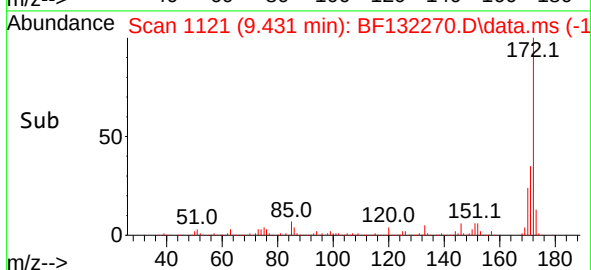
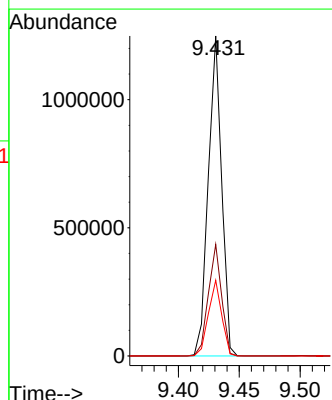
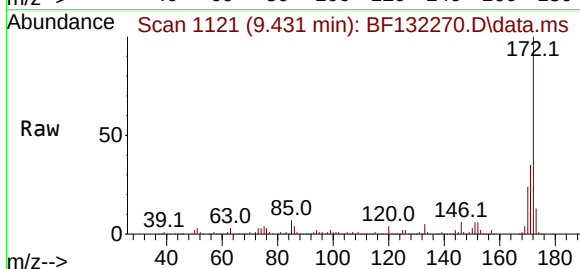
Tgt Ion:172 Resp: 952589

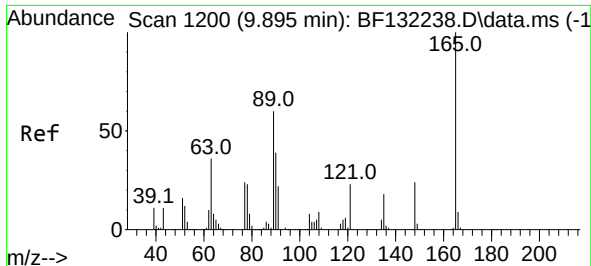
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.7 19.7 29.5

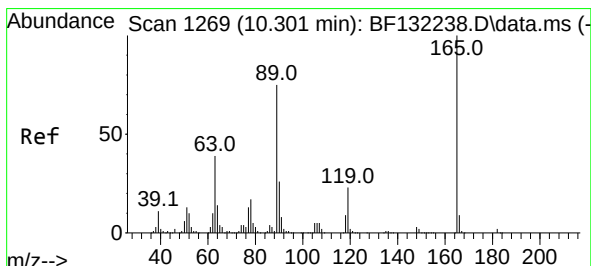
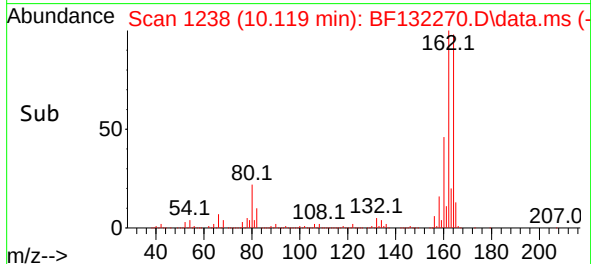
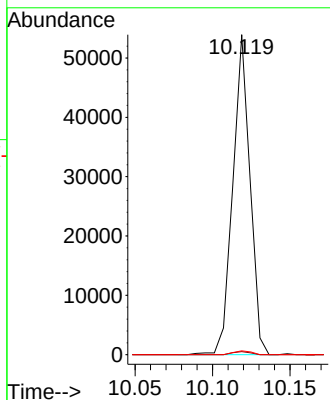
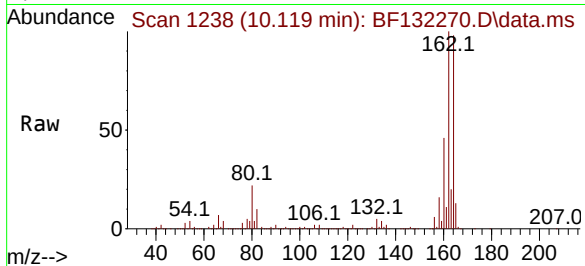




#51
2,6-Dinitrotoluene
Concen: 8.323 ng
RT: 10.119 min Scan# 1200
Delta R.T. 0.224 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

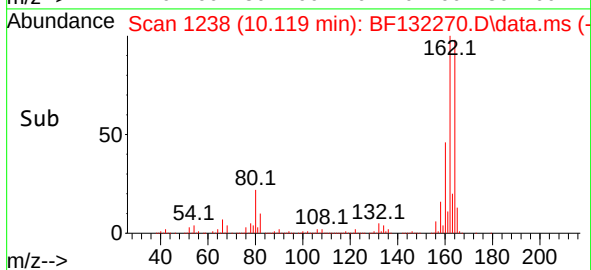
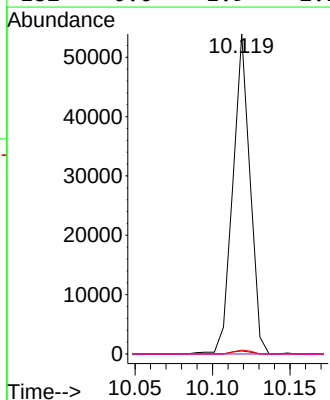
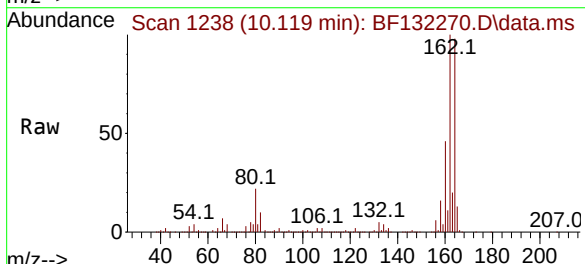
Instrument :
BNA_F
ClientSampleId :
TP-J

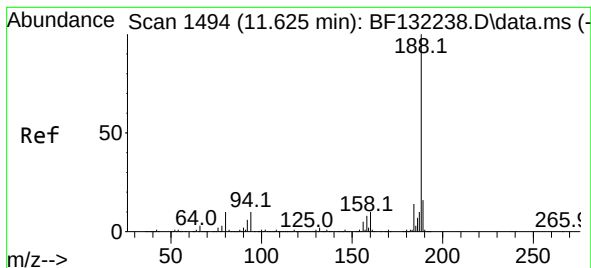
Tgt Ion:165 Resp: 41492
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

Tgt Ion:165 Resp: 41492
Ion Ratio Lower Upper
165 100
63 1.0 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132270.D

Acq: 01 Feb 2023 20:35

Instrument :

BNA_F

ClientSampleId :

TP-J

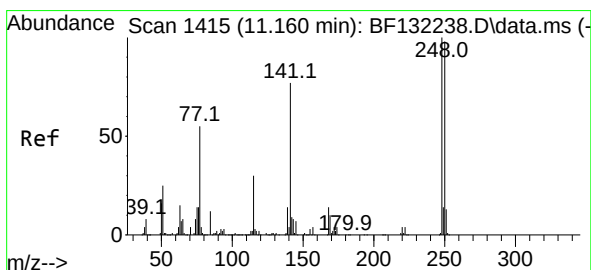
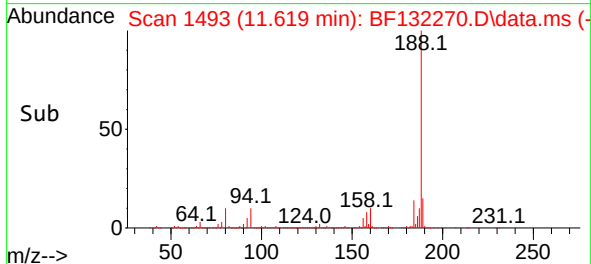
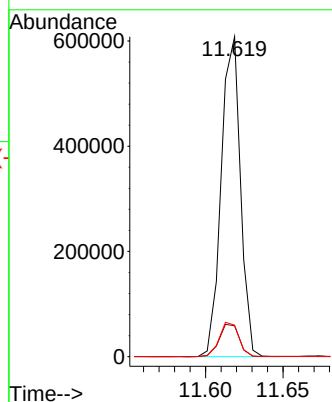
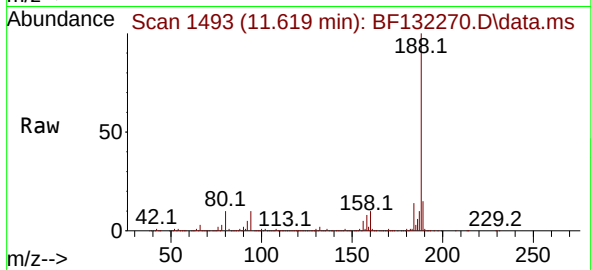
Tgt Ion:188 Resp: 525384

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

80 9.8 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 2.604 ng

RT: 10.907 min Scan# 1372

Delta R.T. -0.253 min

Lab File: BF132270.D

Acq: 01 Feb 2023 20:35

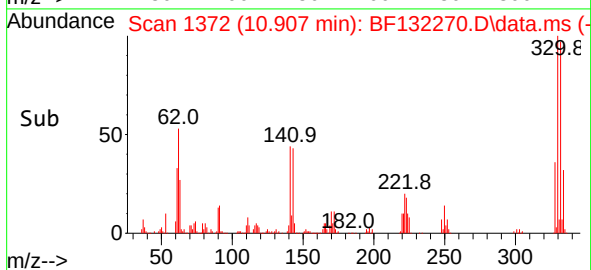
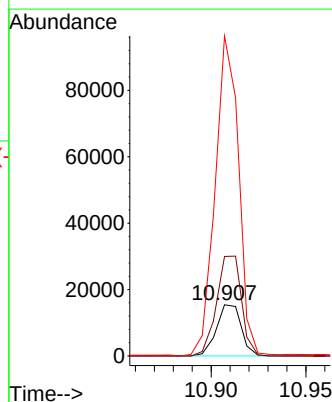
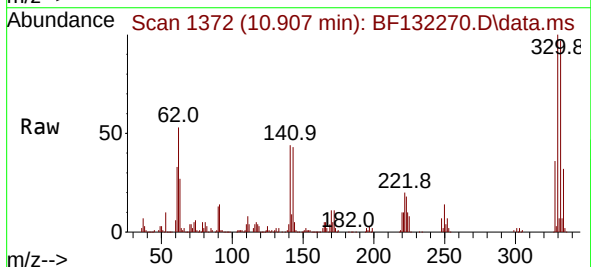
Tgt Ion:248 Resp: 14009

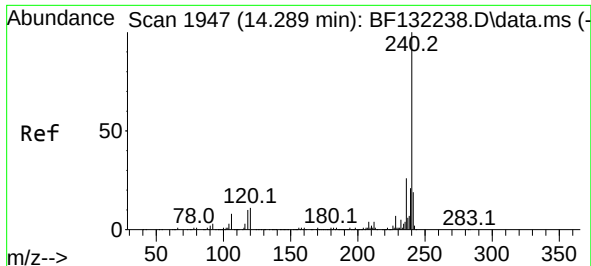
Ion Ratio Lower Upper

248 100

250 194.3 78.6 117.8#

141 624.8 61.6 92.4#

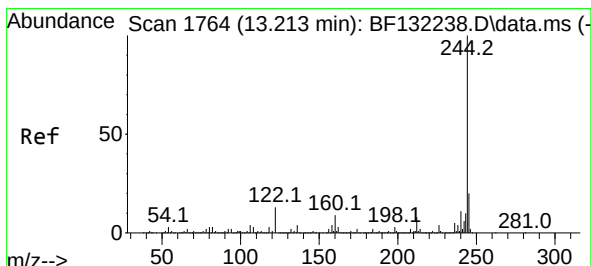
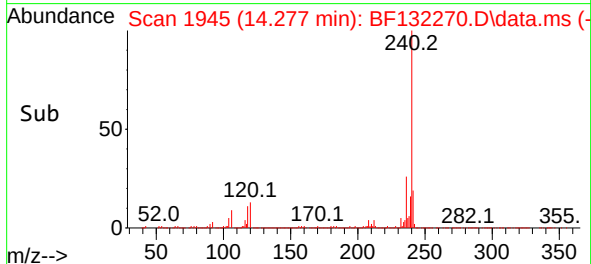
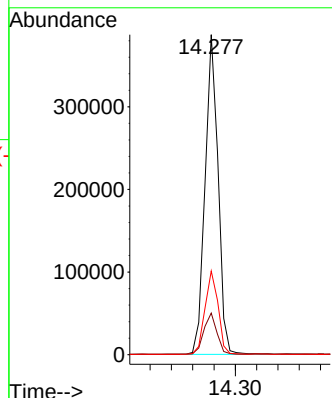
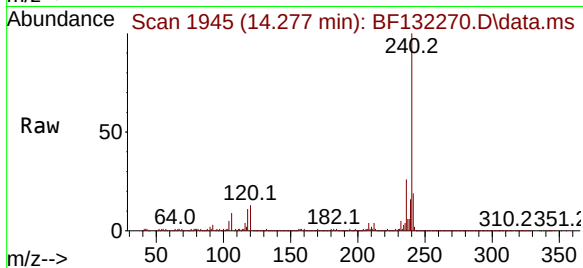




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

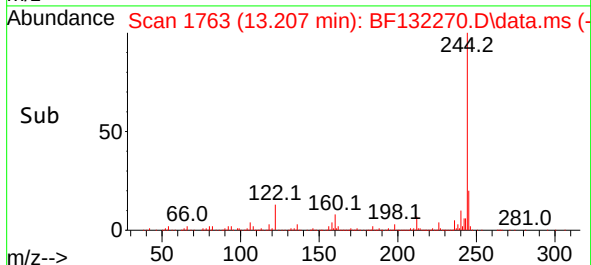
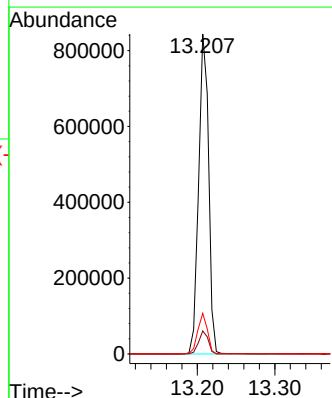
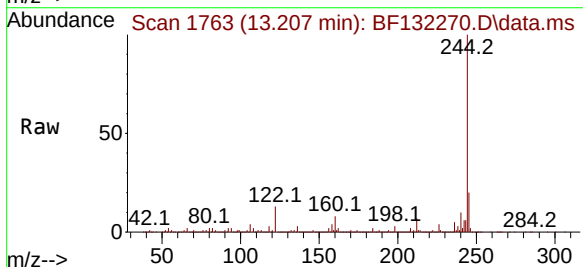
Instrument :
BNA_F
ClientSampleId :
TP-J

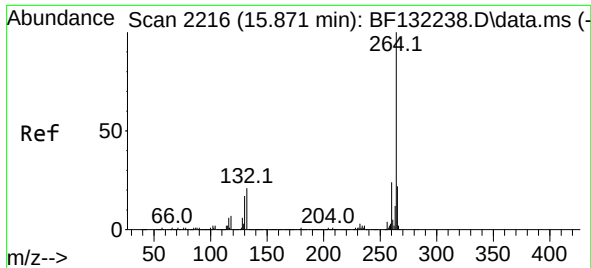
Tgt Ion:240 Resp: 329528
Ion Ratio Lower Upper
240 100
120 13.0 8.8 13.2
236 26.1 21.0 31.6



#79
Terphenyl-d14
Concen: 44.275 ng
RT: 13.207 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

Tgt Ion:244 Resp: 754222
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 12.7 10.5 15.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.866 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132270.D
Acq: 01 Feb 2023 20:35

Instrument :
BNA_F
ClientSampleId :
TP-J

Tgt Ion:264 Resp: 300583

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.5	17.4	26.2

