

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132360.D
 Acq On : 08 Feb 2023 16:53
 Operator : CG\JU
 Sample : 01462-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Feb 09 02:00:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

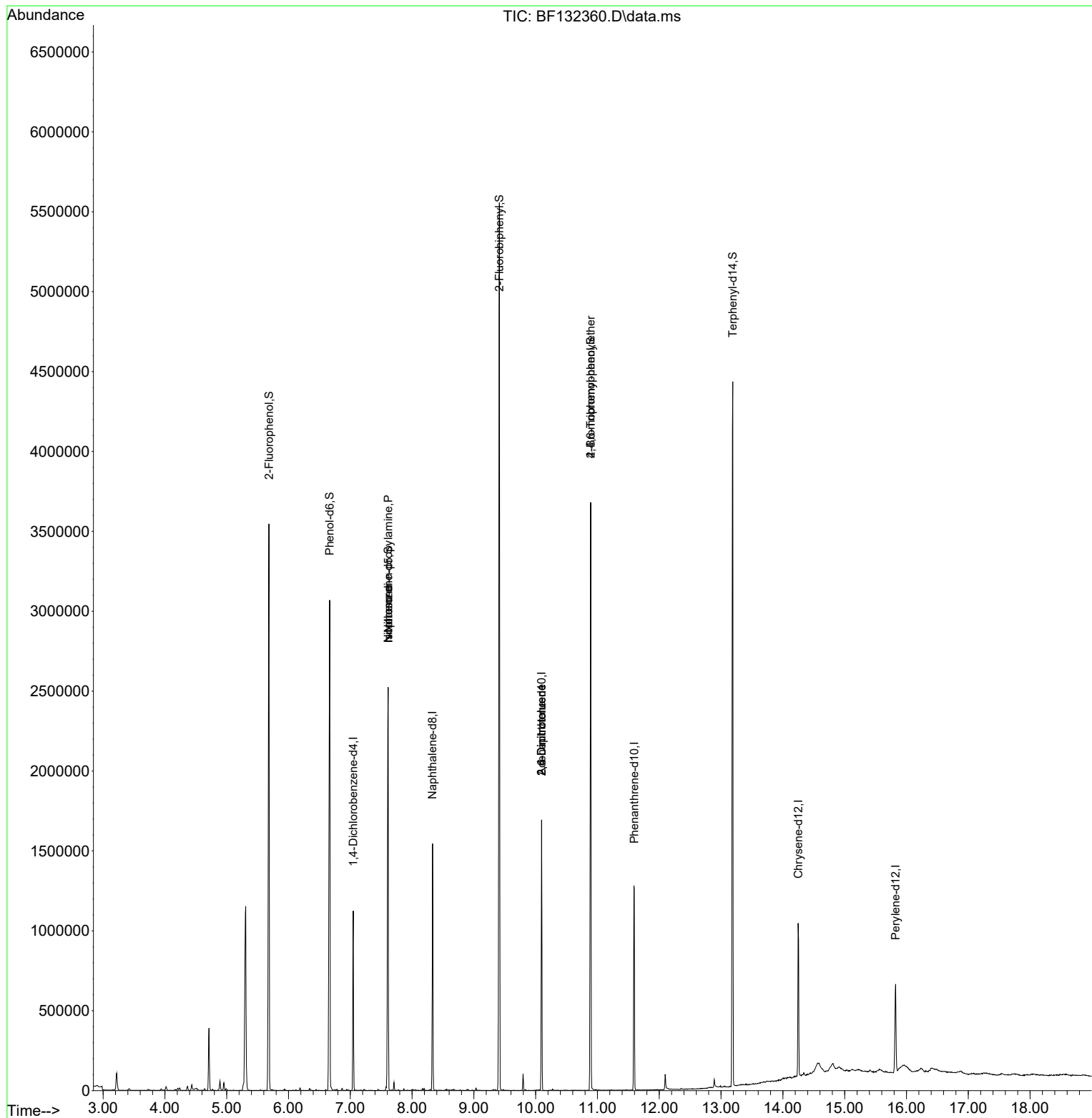
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	170594	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	655720	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	315445	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	500867	20.000	ng	# 0.00
76) Chrysene-d12	14.248	240	321418	20.000	ng	0.00
86) Perylene-d12	15.824	264	262812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1244607	117.271	ng	0.02
7) Phenol-d6	6.666	99	1421400	108.633	ng	0.00
23) Nitrobenzene-d5	7.613	82	948472	80.491	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	475692	146.641	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1765663	86.437	ng	0.00
79) Terphenyl-d14	13.189	244	1594196	95.944	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.596	77	133	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.613	70	119906	16.133	ng	# 76
25) Isophorone	7.613	82	948463	42.408	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	40450	8.208	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	40450	6.319	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	27400	5.342	ng	# 1

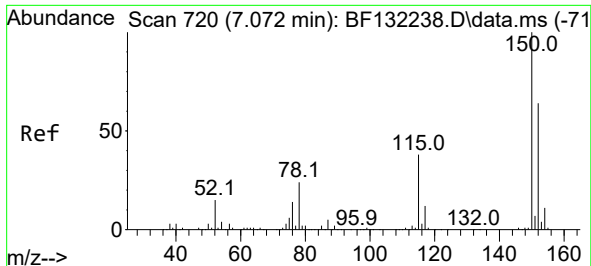
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

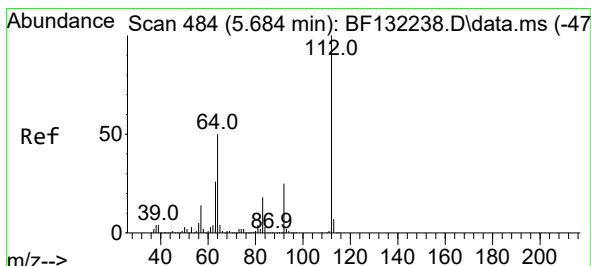
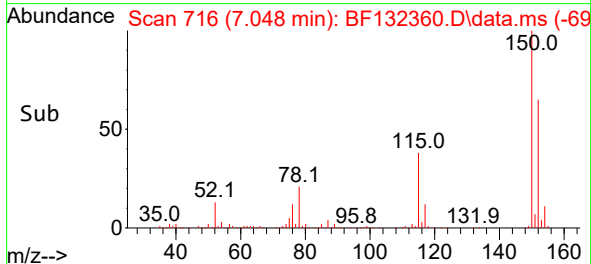
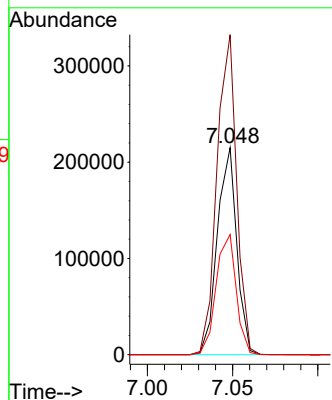
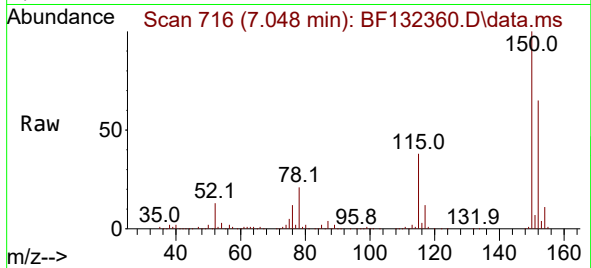




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

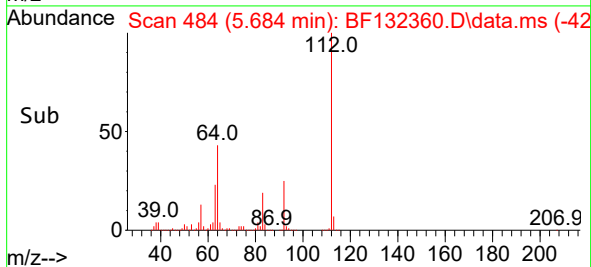
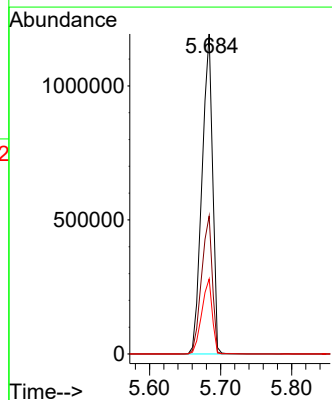
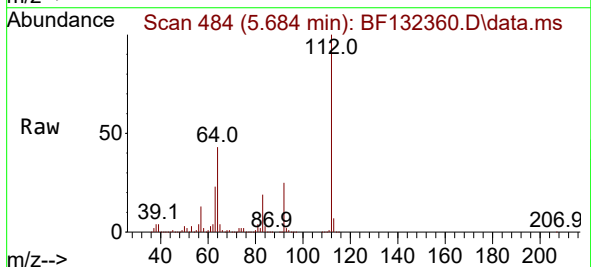
Instrument :
BNA_F
ClientSampleId :
COMP-2

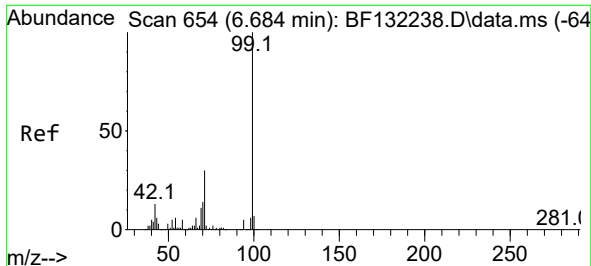
Tgt Ion:152 Resp: 170594
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.2
115 58.1 47.3 70.9



#5
2-Fluorophenol
Concen: 117.271 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

Tgt Ion:112 Resp: 1244607
Ion Ratio Lower Upper
112 100
64 43.1 40.0 60.0
63 23.4 20.5 30.7

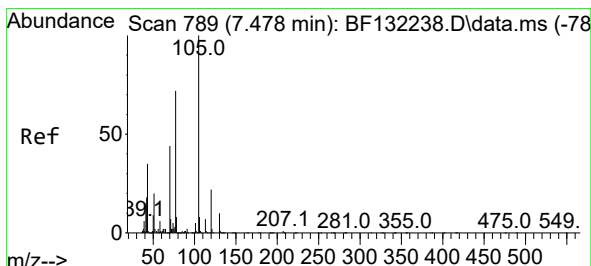
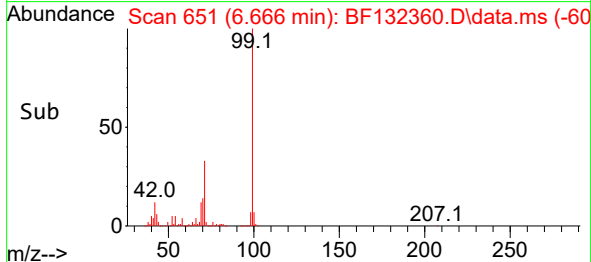
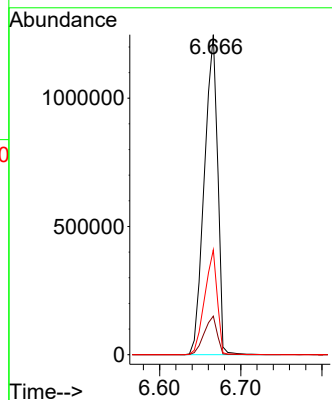
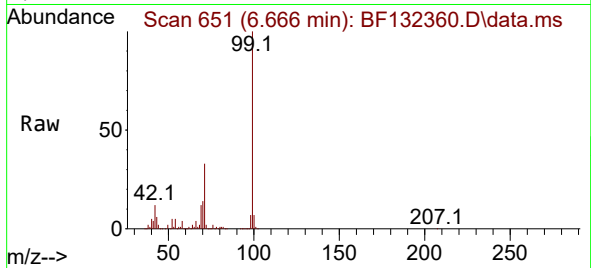




#7
Phenol-d6
Concen: 108.633 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

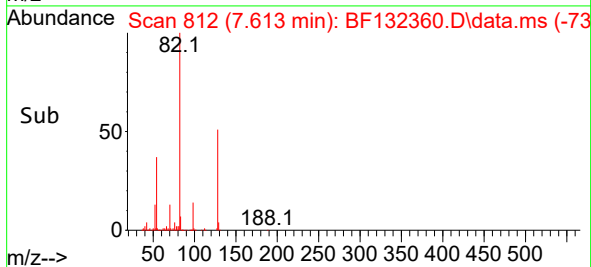
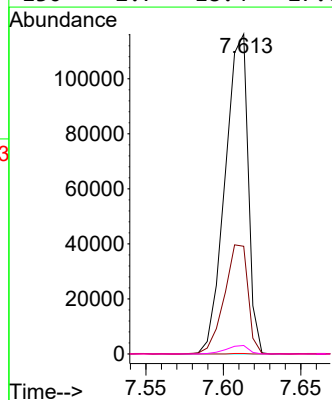
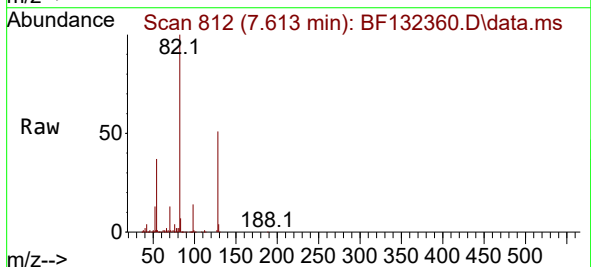
Instrument :
BNA_F
ClientSampleId :
COMP-2

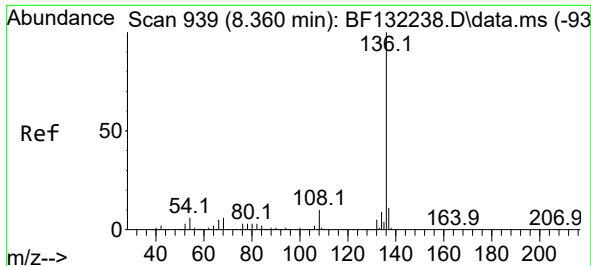
Tgt Ion: 99 Resp: 1421400
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 32.8 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.133 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

Tgt Ion: 70 Resp: 119906
Ion Ratio Lower Upper
70 100
42 33.6 33.4 50.0
101 0.1 8.2 12.4#
130 2.7 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.331 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132360.D

Acq: 08 Feb 2023 16:53

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tgt Ion:136 Resp: 655720

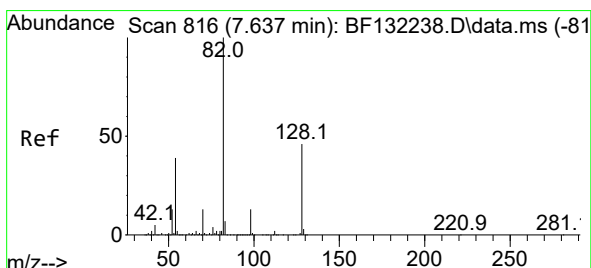
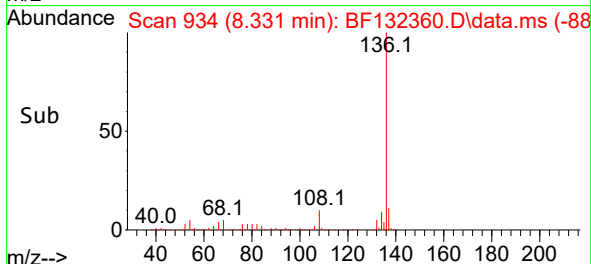
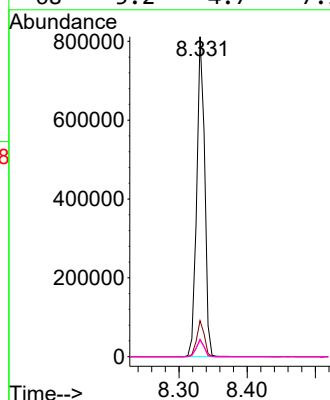
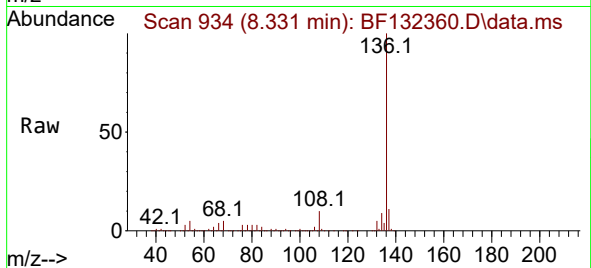
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.4 4.9 7.3

68 5.2 4.7 7.1



#23

Nitrobenzene-d5

Concen: 80.491 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132360.D

Acq: 08 Feb 2023 16:53

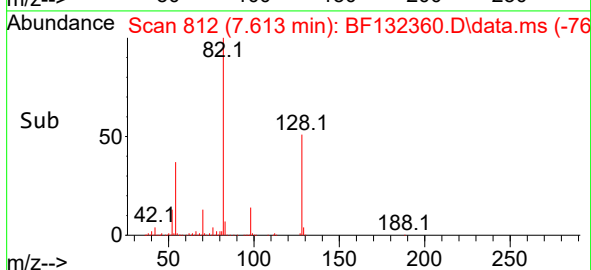
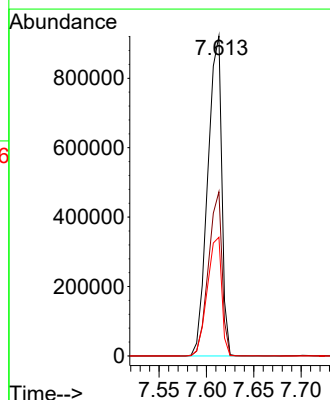
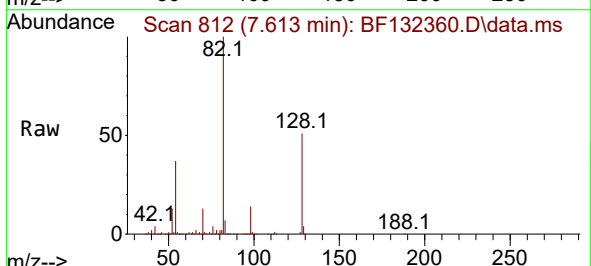
Tgt Ion: 82 Resp: 948472

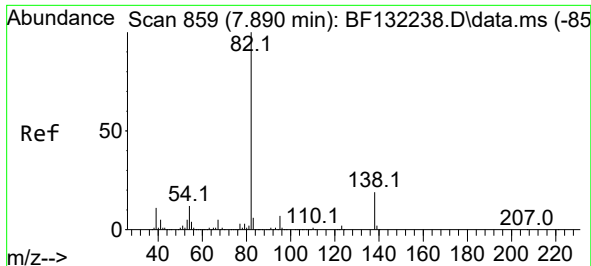
Ion Ratio Lower Upper

82 100

128 51.3 37.0 55.4

54 37.1 31.5 47.3

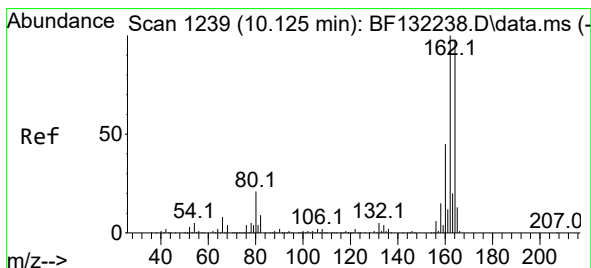
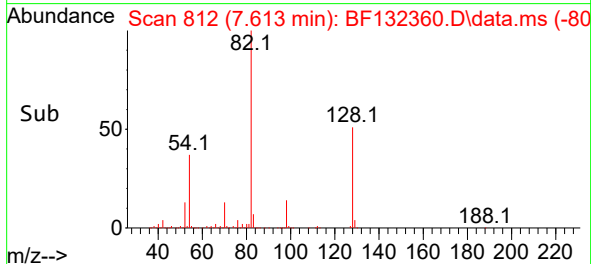
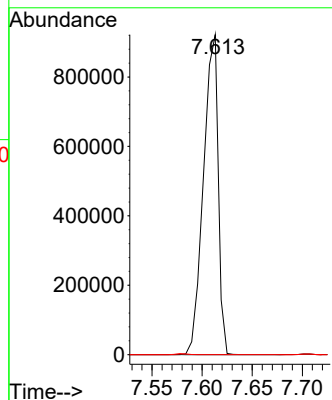
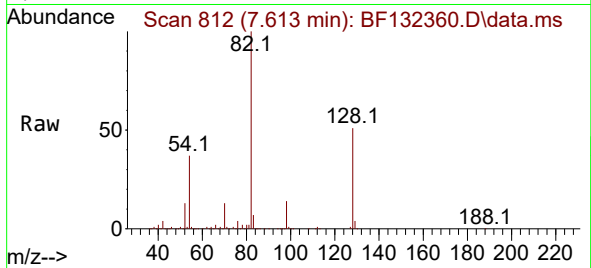




#25
Isophorone
Concen: 42.408 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

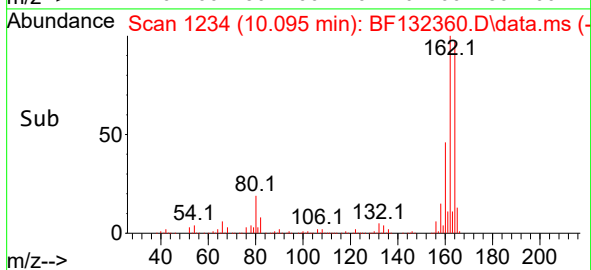
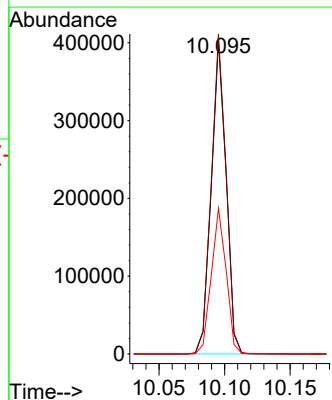
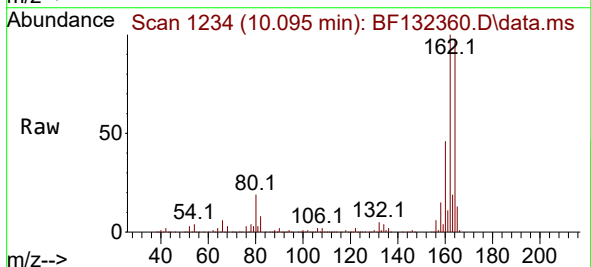
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 948463
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: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

Tgt Ion:164 Resp: 315445
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 46.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 146.641 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132360.D

Acq: 08 Feb 2023 16:53

Instrument :

BNA_F

ClientSampleId :

COMP-2

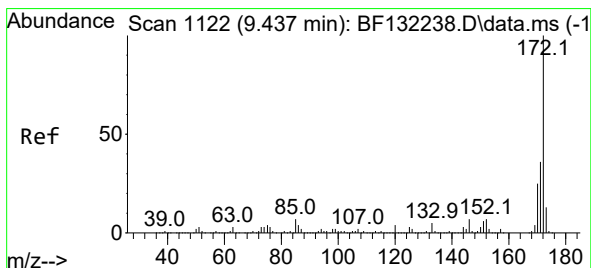
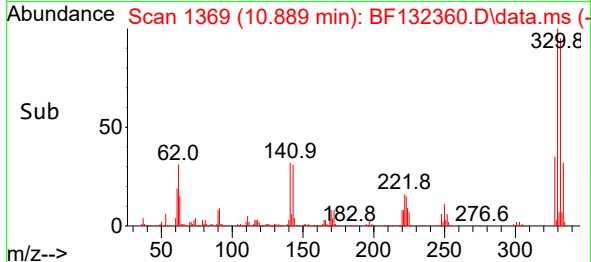
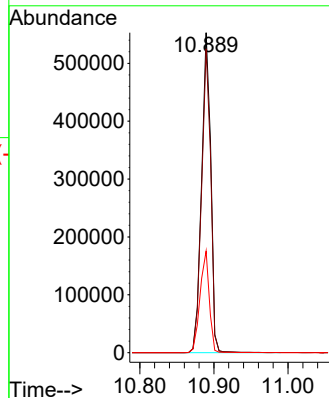
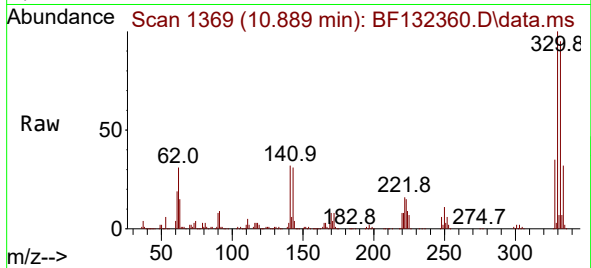
Tgt Ion:330 Resp: 475692

Ion Ratio Lower Upper

330 100

332 94.9 77.9 116.9

141 31.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 86.437 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132360.D

Acq: 08 Feb 2023 16:53

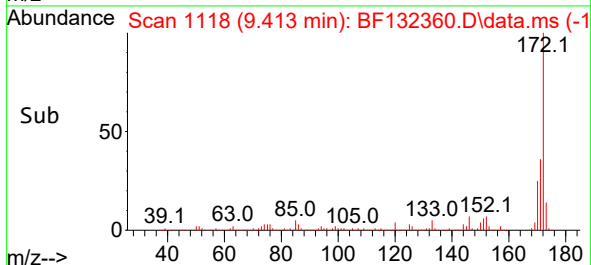
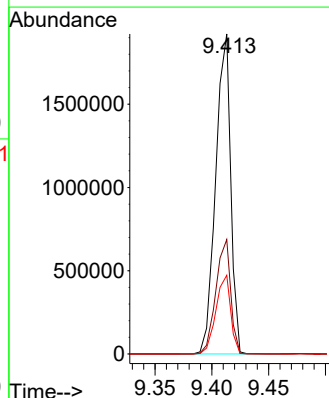
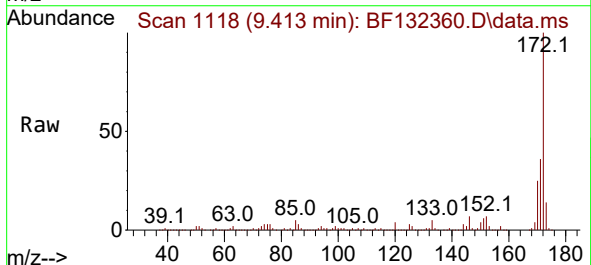
Tgt Ion:172 Resp: 1765663

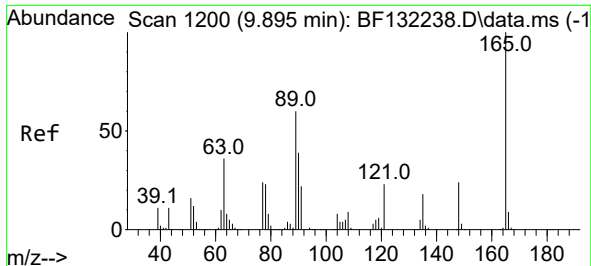
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 24.6 19.7 29.5

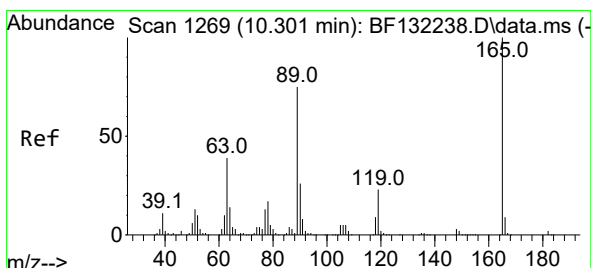
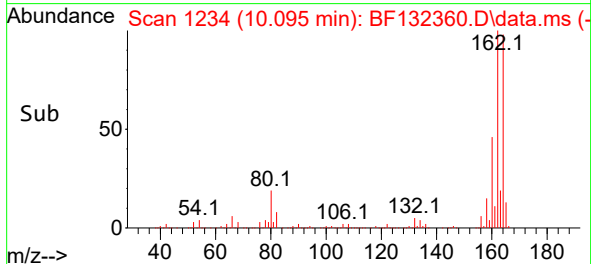
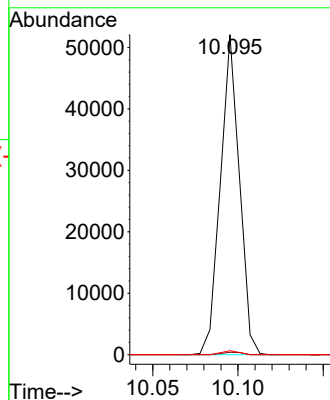
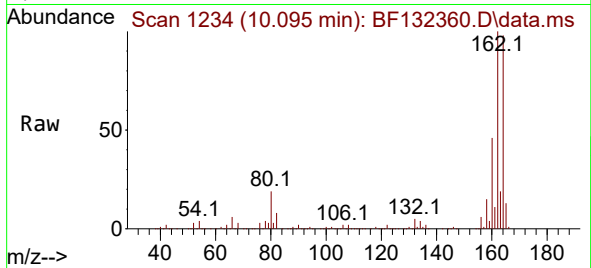




#51
2,6-Dinitrotoluene
Concen: 8.208 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

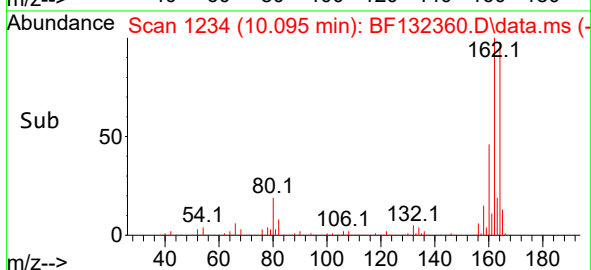
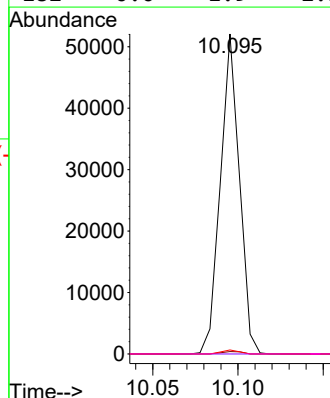
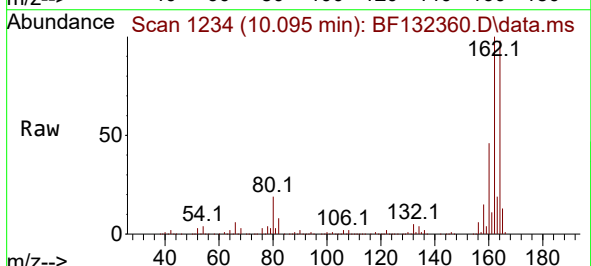
Instrument :
BNA_F
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COMP-2

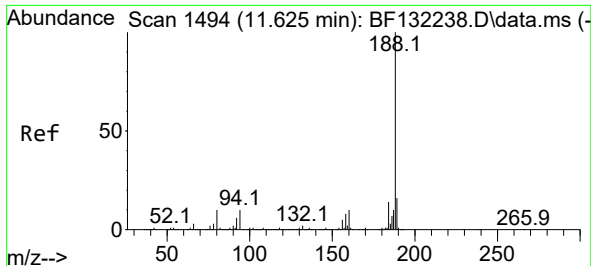
Tgt Ion:165 Resp: 40450
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.319 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

Tgt Ion:165 Resp: 40450
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

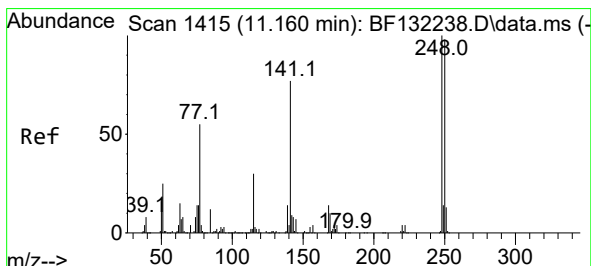
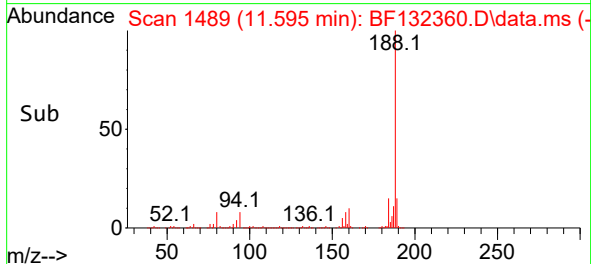
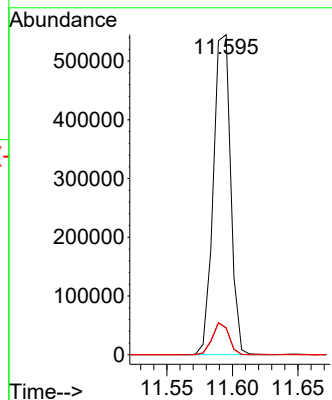
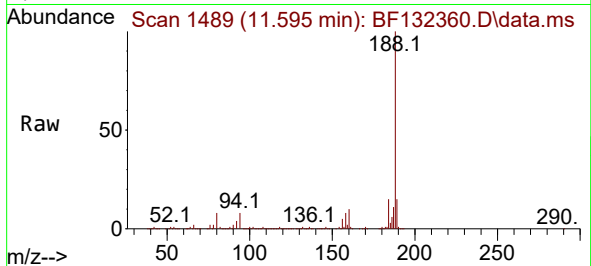




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

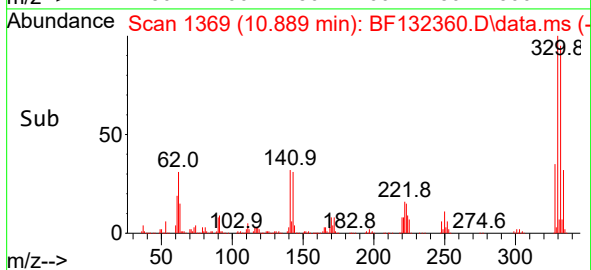
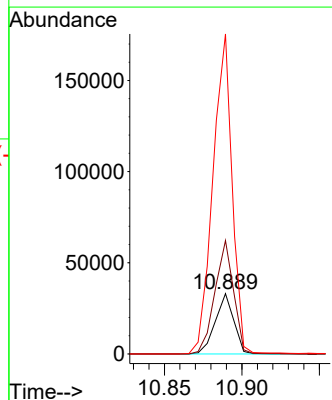
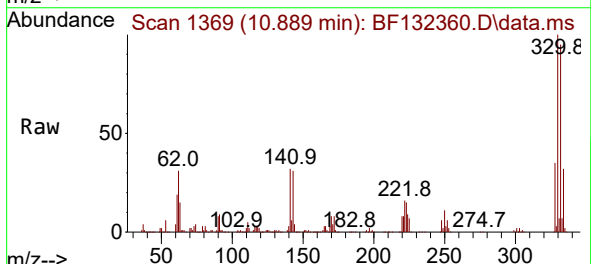
Instrument :
BNA_F
ClientSampleId :
COMP-2

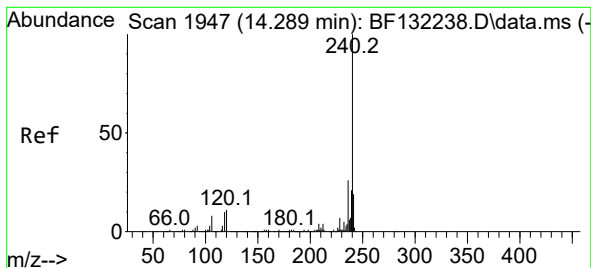
Tgt Ion:188 Resp: 500867
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 8.3 8.3 12.5#



#67
4-Bromophenyl-phenylether
Concen: 5.342 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.241 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

Tgt Ion:248 Resp: 27400
Ion Ratio Lower Upper
248 100
250 188.0 78.6 117.8#
141 530.2 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132360.D

Acq: 08 Feb 2023 16:53

Instrument :

BNA_F

ClientSampleId :

COMP-2

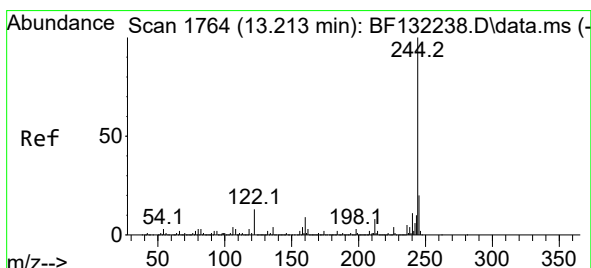
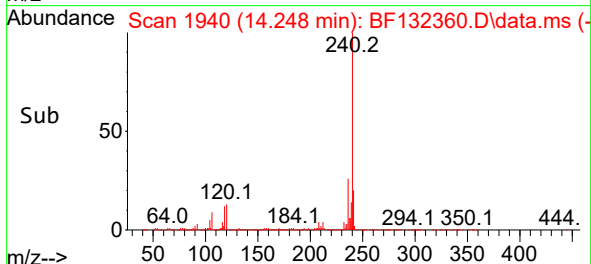
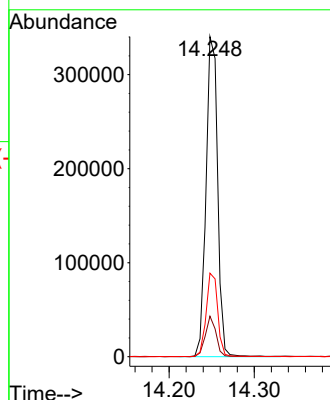
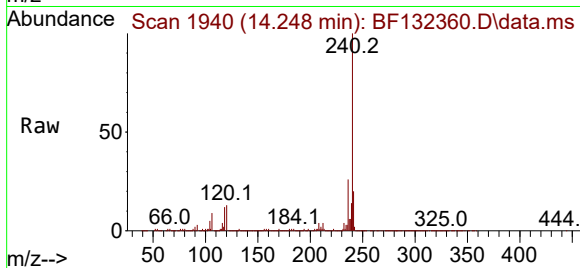
Tgt Ion:240 Resp: 321418

Ion Ratio Lower Upper

240 100

120 12.7 8.8 13.2

236 26.1 21.0 31.6



#79

Terphenyl-d14

Concen: 95.944 ng

RT: 13.189 min Scan# 1760

Delta R.T. 0.000 min

Lab File: BF132360.D

Acq: 08 Feb 2023 16:53

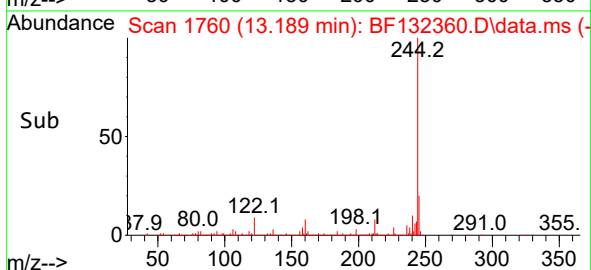
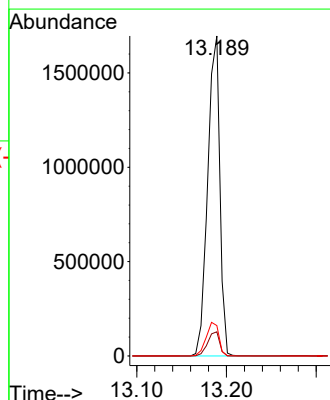
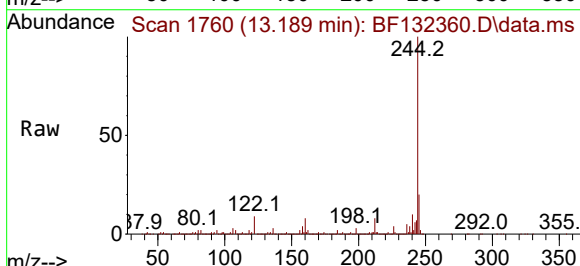
Tgt Ion:244 Resp: 1594196

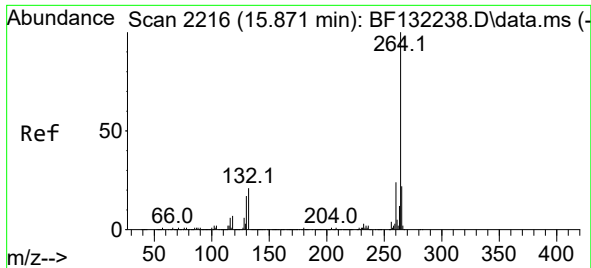
Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

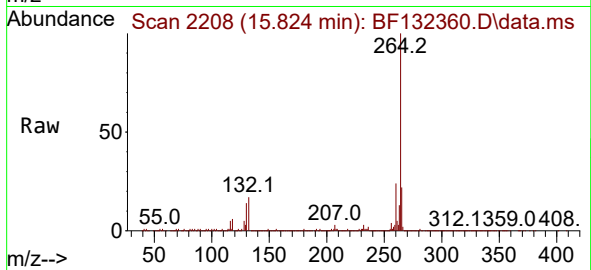
122 9.5 10.5 15.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.824 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132360.D
Acq: 08 Feb 2023 16:53

Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:264 Resp: 262812
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.8 17.4 26.2

