

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132135.D
 Acq On : 19 Jan 2023 00:20
 Operator : CG\JU
 Sample : 01190-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jan 19 05:24:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

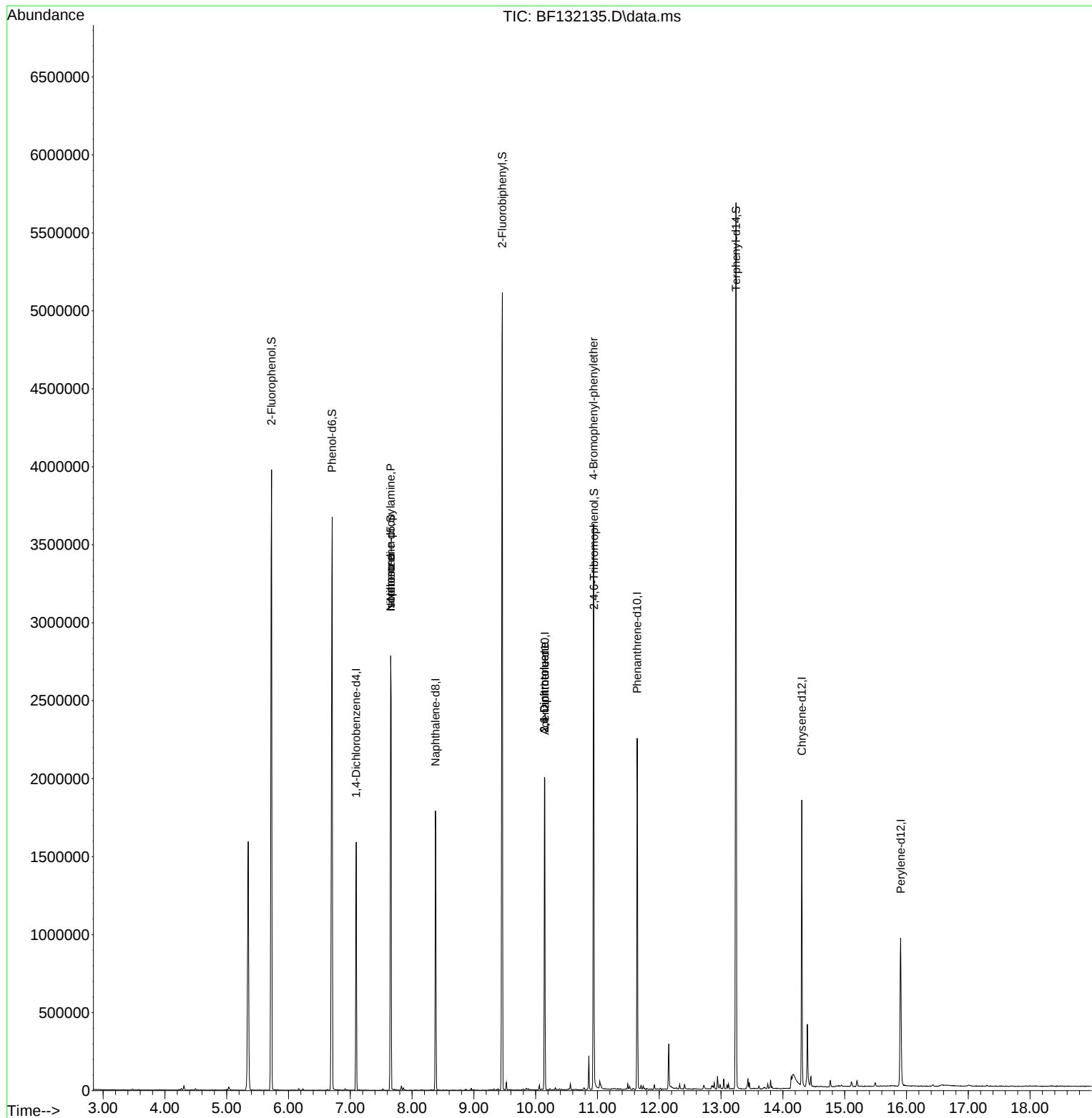
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	212396	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	763232	20.000	ng	-0.01
39) Acenaphthene-d10	10.148	164	418076	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	829076	20.000	ng	0.00
76) Chrysene-d12	14.307	240	592575	20.000	ng	0.00
86) Perylene-d12	15.907	264	475952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1102473	92.348	ng	0.00
7) Phenol-d6	6.707	99	1419850	92.063	ng	0.00
23) Nitrobenzene-d5	7.654	82	943953	65.649	ng	-0.01
42) 2,4,6-Tribromophenol	10.942	330	426622	93.265	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1595487	66.399	ng	0.00
79) Terphenyl-d14	13.242	244	2026848	55.497	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	129452	13.351	ng	# 78
25) Isophorone	7.654	82	943940	32.809	ng	# 66
51) 2,6-Dinitrotoluene	10.142	165	54305	8.399	ng	# 17
57) 2,4-Dinitrotoluene	10.142	165	54305	6.800	ng	# 16
67) 4-Bromophenyl-phenylether	10.936	248	27847	2.957	ng	# 1

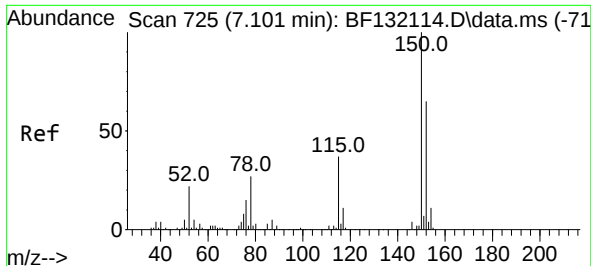
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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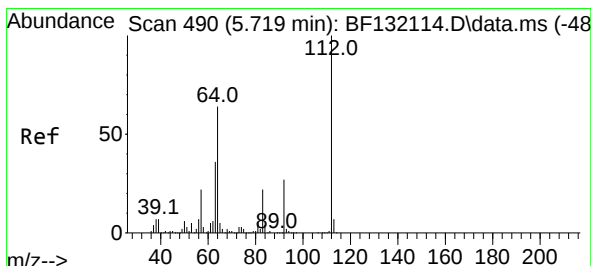
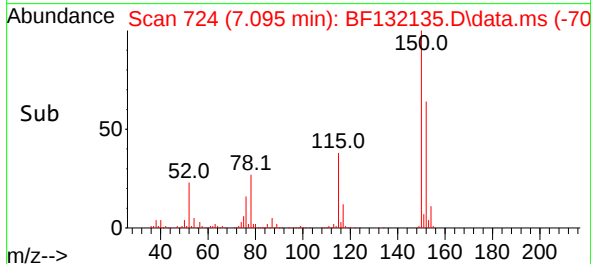
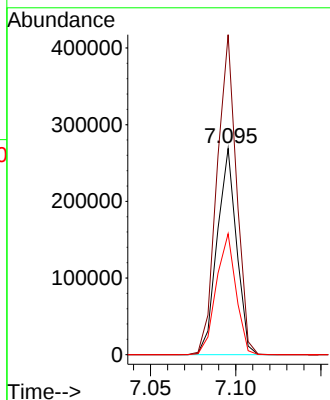
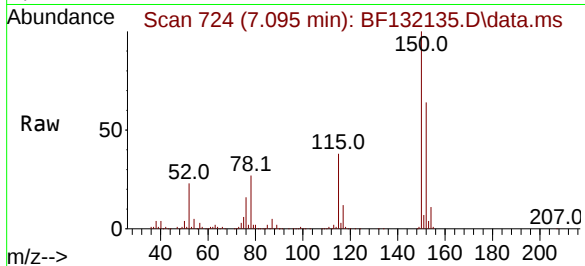




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132135.D
 Acq: 19 Jan 2023 00:20

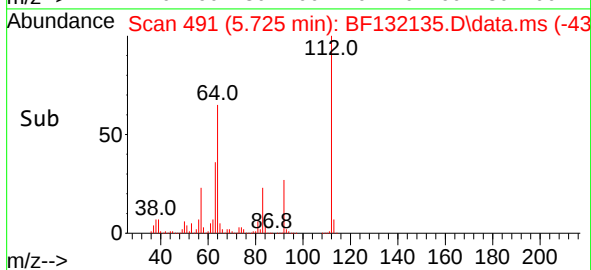
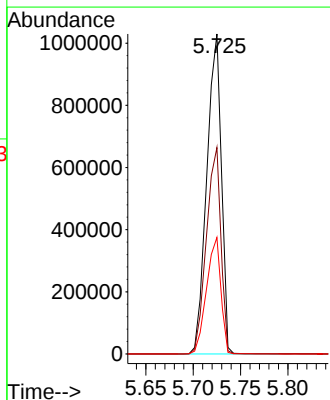
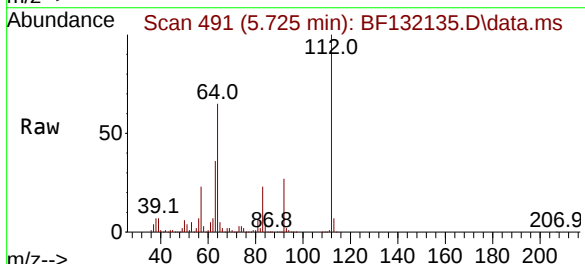
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

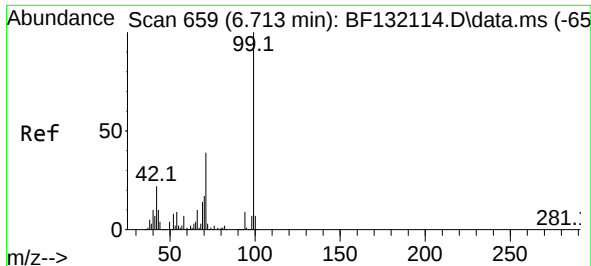
Tgt Ion:152 Resp: 212396
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.3 184.9
 115 58.6 45.8 68.6



#5
 2-Fluorophenol
 Concen: 92.348 ng
 RT: 5.725 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: BF132135.D
 Acq: 19 Jan 2023 00:20

Tgt Ion:112 Resp: 1102473
 Ion Ratio Lower Upper
 112 100
 64 64.5 51.0 76.6
 63 36.4 28.7 43.1

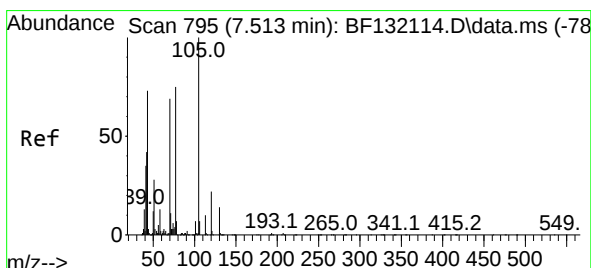
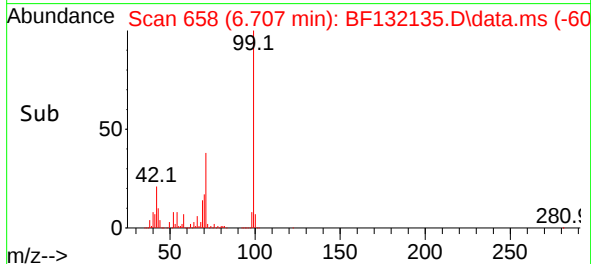
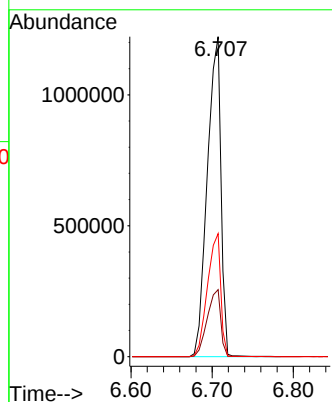
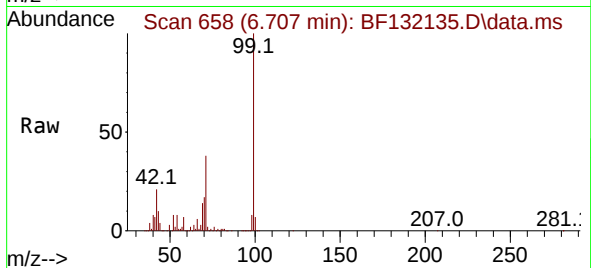




#7
Phenol-d6
Concen: 92.063 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

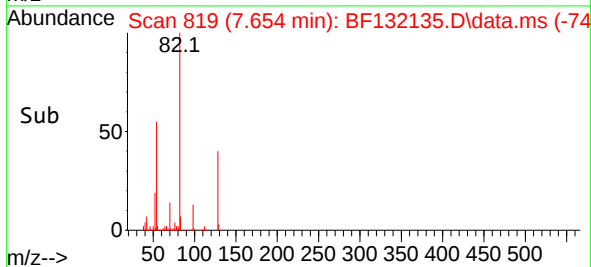
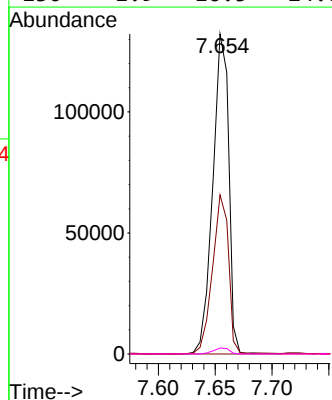
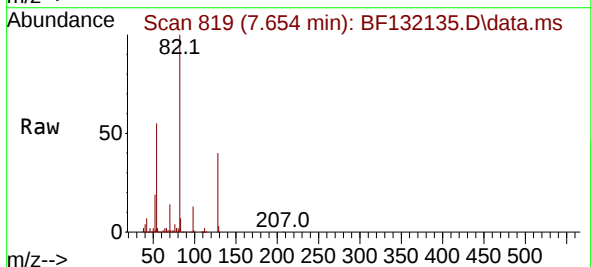
Instrument :
BNA_F
ClientSampleId :
PE-4

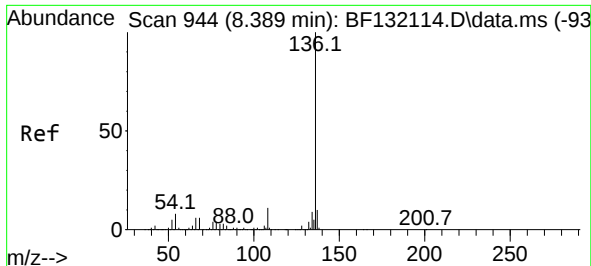
Tgt Ion: 99 Resp: 1419850
Ion Ratio Lower Upper
99 100
42 20.9 17.2 25.8
71 38.5 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.351 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.141 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion: 70 Resp: 129452
Ion Ratio Lower Upper
70 100
42 49.7 48.5 72.7
101 0.0 7.8 11.8#
130 1.9 16.5 24.7#

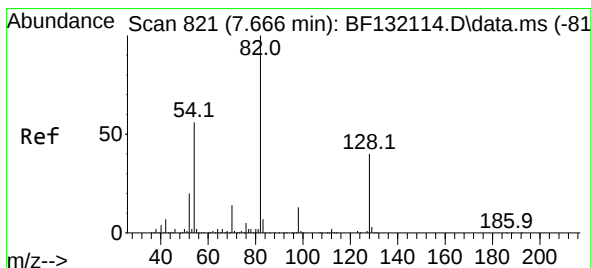
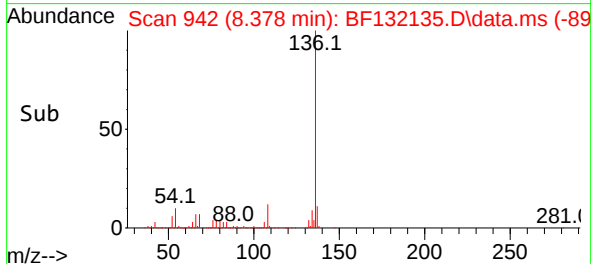
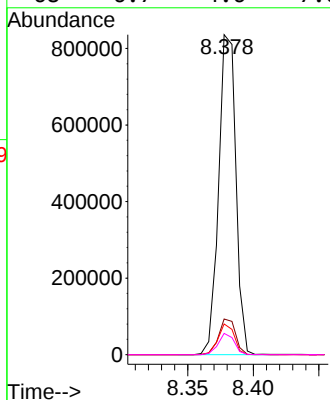
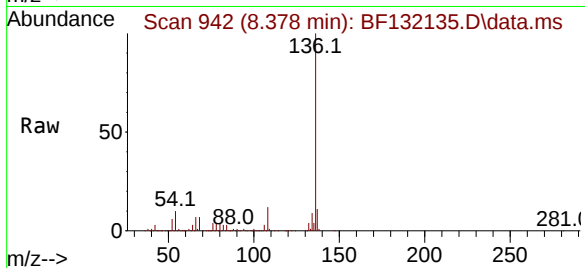




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

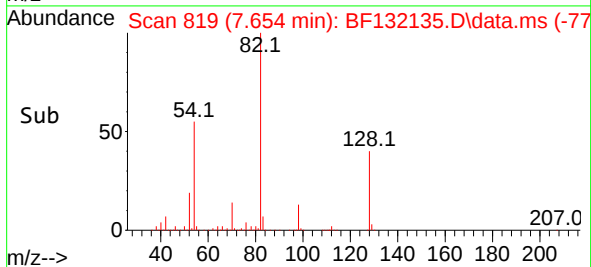
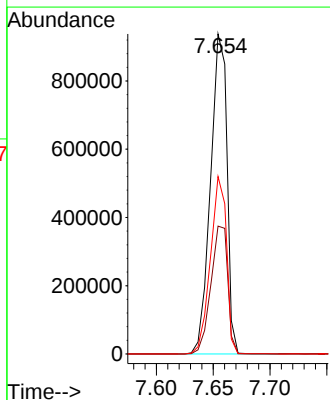
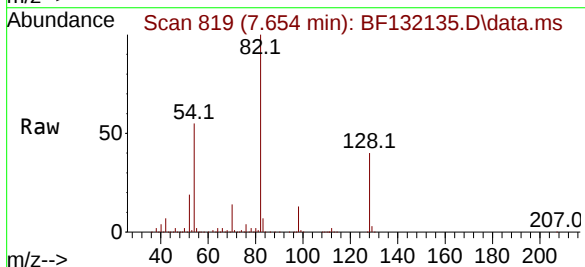
Instrument :
BNA_F
ClientSampleId :
PE-4

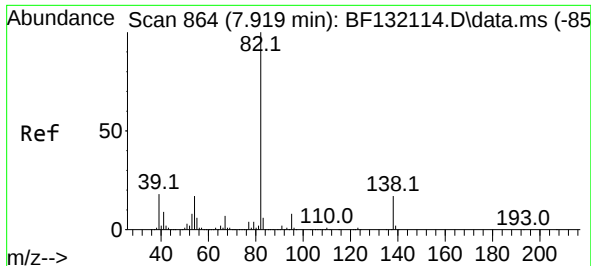
Tgt Ion:	136	Resp:	763232
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	6.6	10.0
68	6.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 65.649 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion:	82	Resp:	943953
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.0	48.0
54	55.5	45.1	67.7

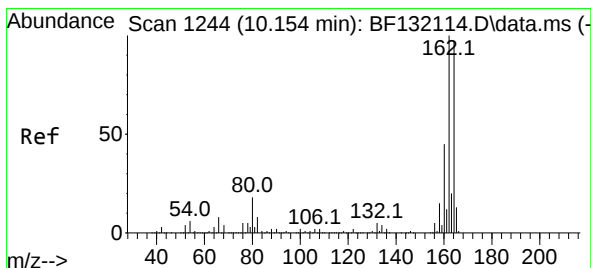
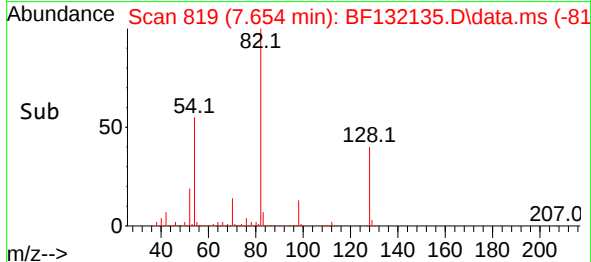
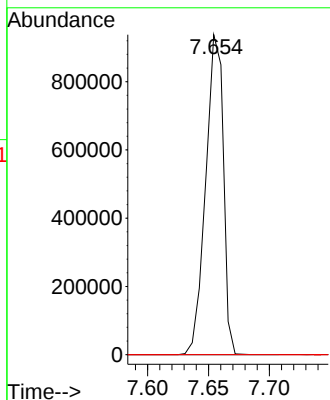
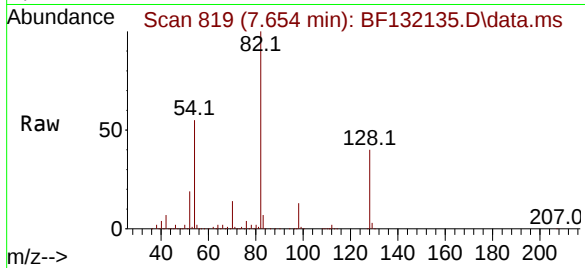




#25
Isophorone
Concen: 32.809 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

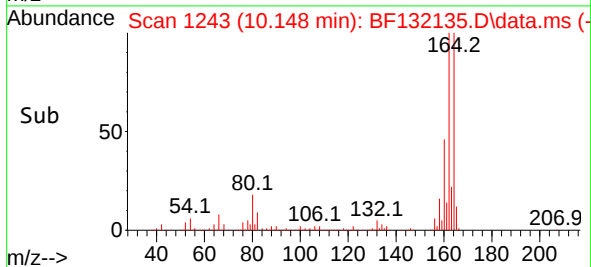
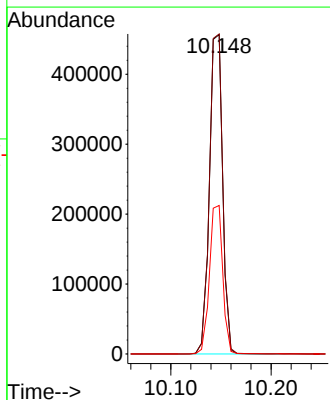
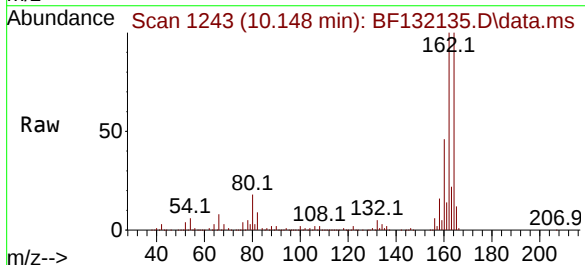
Instrument :
BNA_F
ClientSampleId :
PE-4

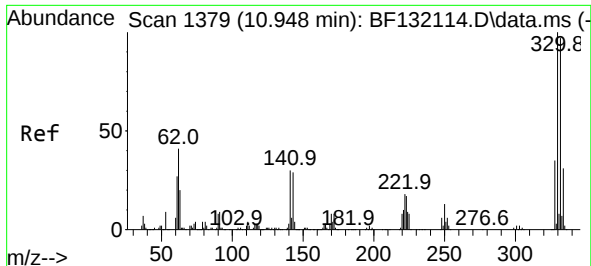
Tgt Ion: 82 Resp: 943940
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion: 164 Resp: 418076
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 46.5 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 93.265 ng

RT: 10.942 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

Instrument :

BNA_F

ClientSampleId :

PE-4

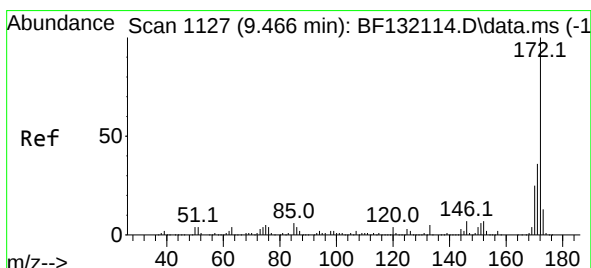
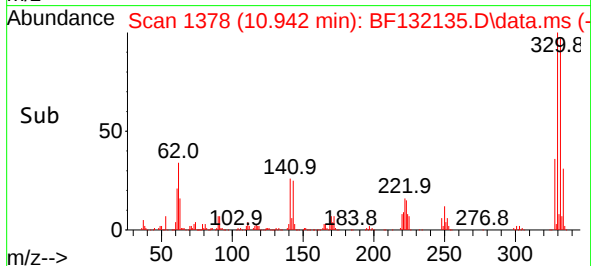
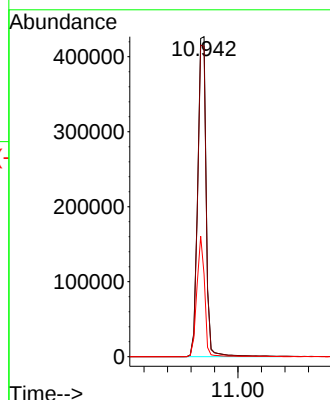
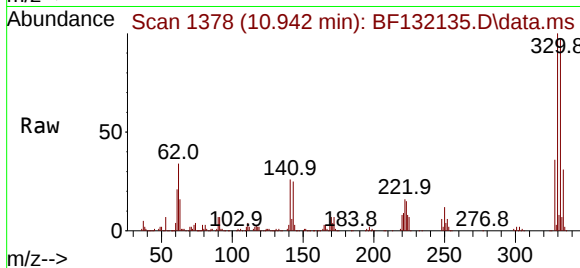
Tgt Ion:330 Resp: 426622

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 34.5 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 66.399 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

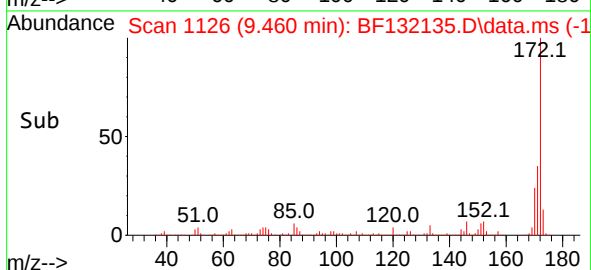
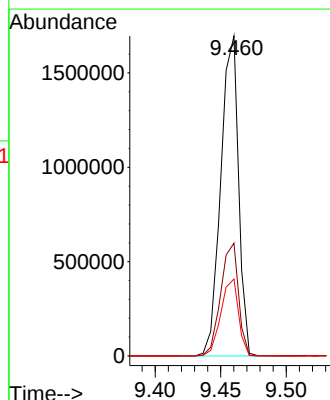
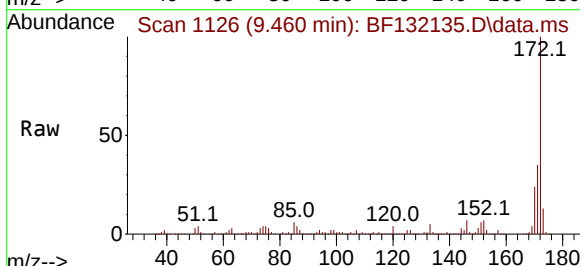
Tgt Ion:172 Resp: 1595487

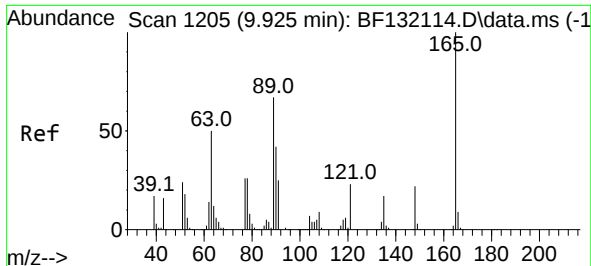
Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 24.1 19.7 29.5

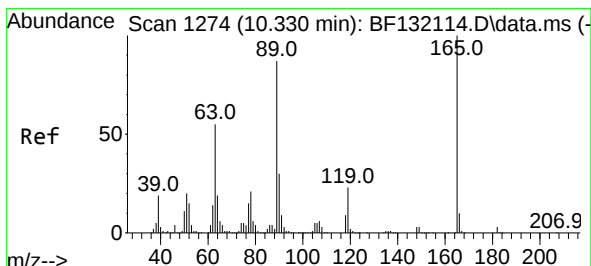
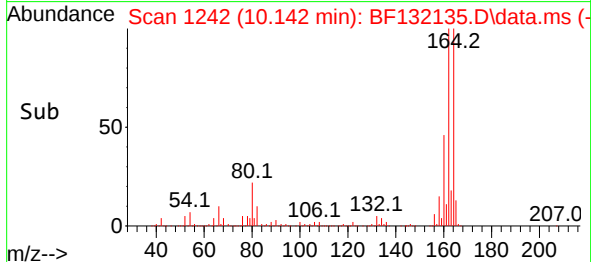
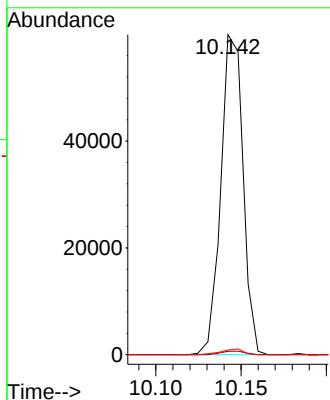
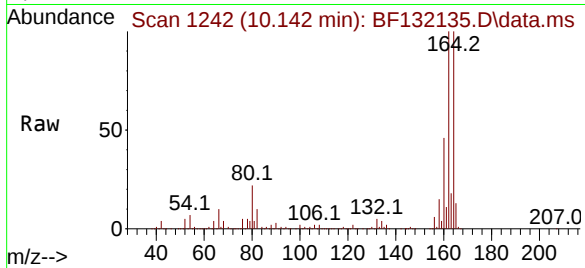




#51
2,6-Dinitrotoluene
Concen: 8.399 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

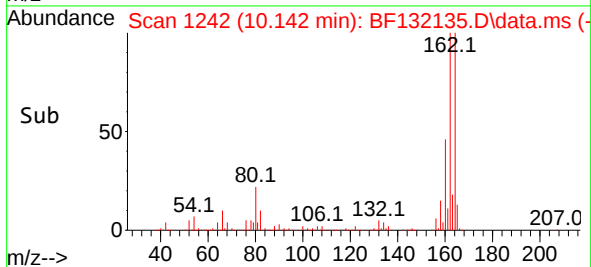
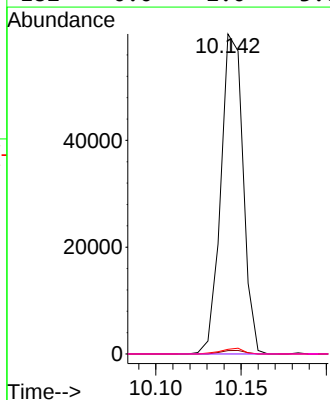
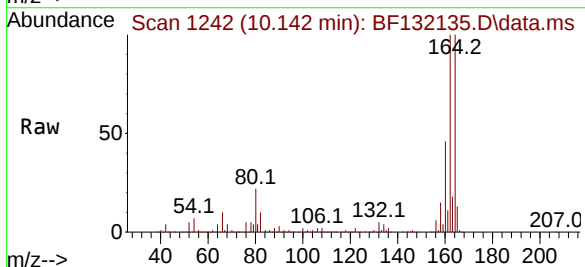
Instrument :
BNA_F
ClientSampleId :
PE-4

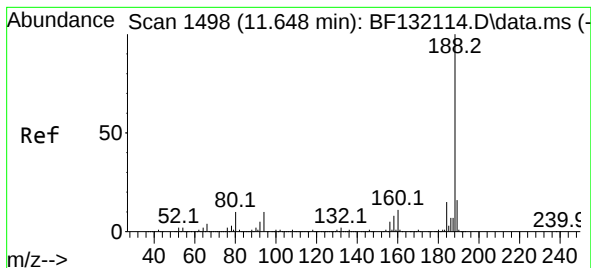
Tgt Ion:165 Resp: 54305
Ion Ratio Lower Upper
165 100
63 1.1 57.0 85.4#
89 1.5 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.188 min
Lab File: BF132135.D
Acq: 19 Jan 2023 00:20

Tgt Ion:165 Resp: 54305
Ion Ratio Lower Upper
165 100
63 1.1 44.1 66.1#
89 1.5 69.3 103.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

Instrument :

BNA_F

ClientSampleId :

PE-4

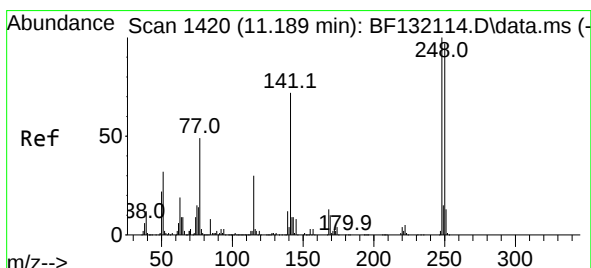
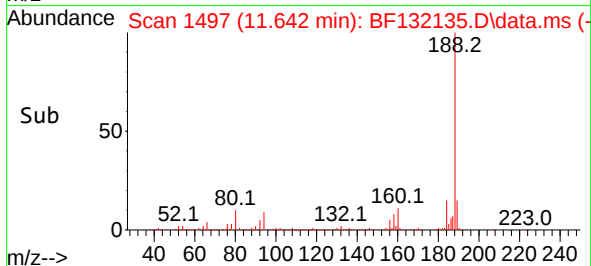
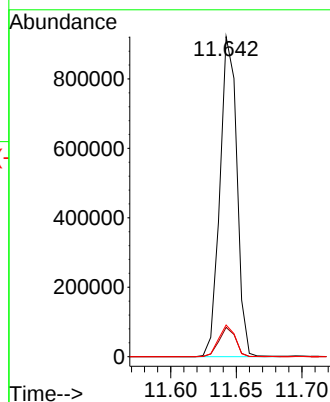
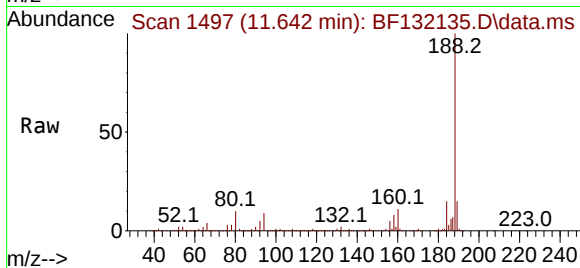
Tgt Ion:188 Resp: 829076

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.6

80 9.9 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 2.957 ng

RT: 10.936 min Scan# 1377

Delta R.T. -0.253 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

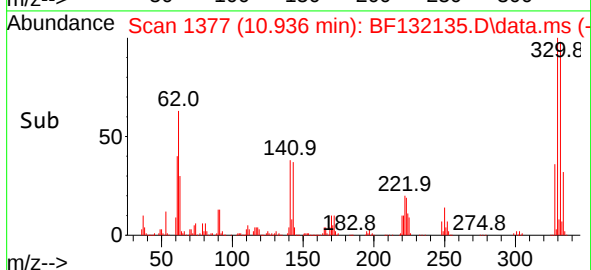
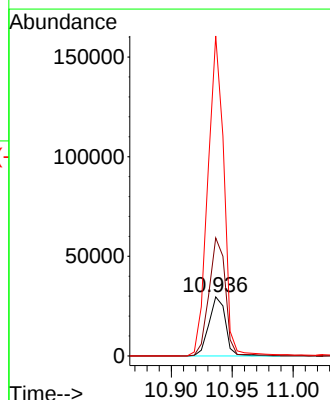
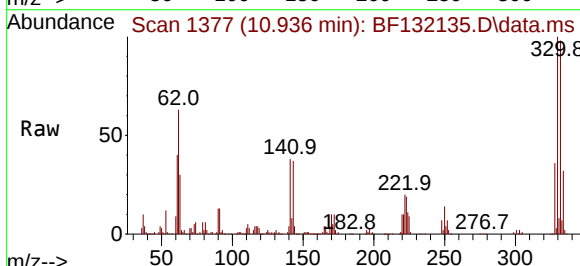
Tgt Ion:248 Resp: 27847

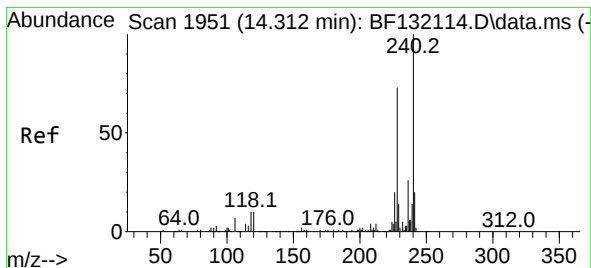
Ion Ratio Lower Upper

248 100

250 199.9 77.8 116.8#

141 542.0 57.6 86.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

Instrument :

BNA_F

ClientSampleId :

PE-4

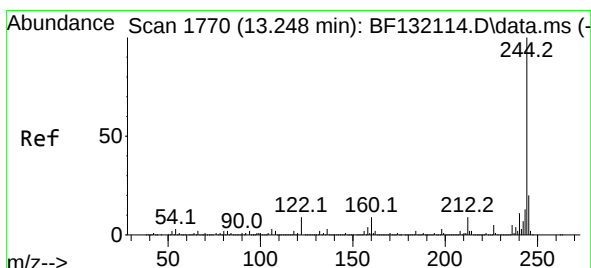
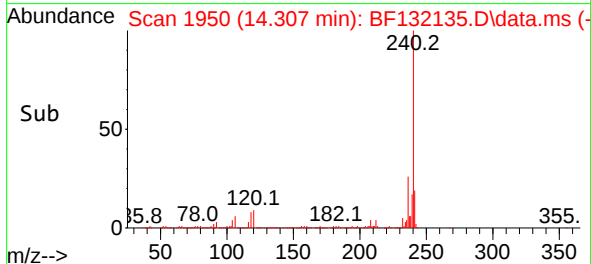
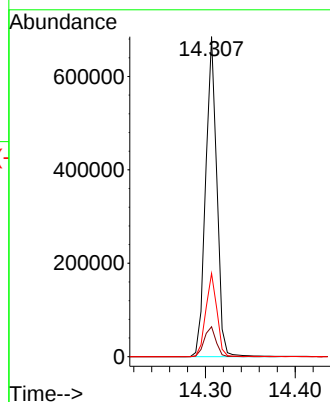
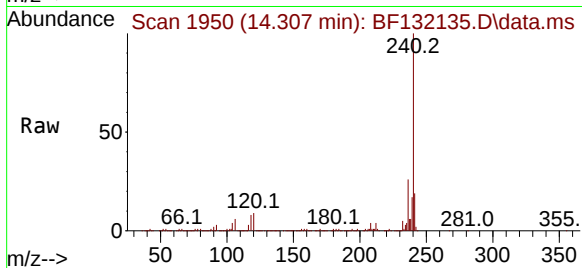
Tgt Ion:240 Resp: 592575

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.4

236 26.0 21.2 31.8



#79

Terphenyl-d14

Concen: 55.497 ng

RT: 13.242 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

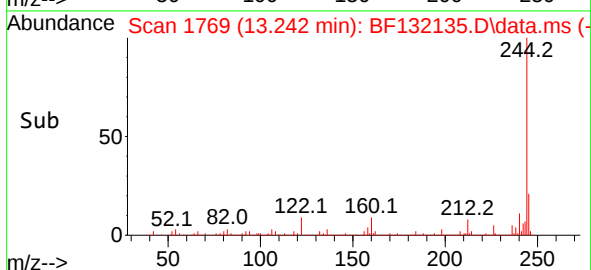
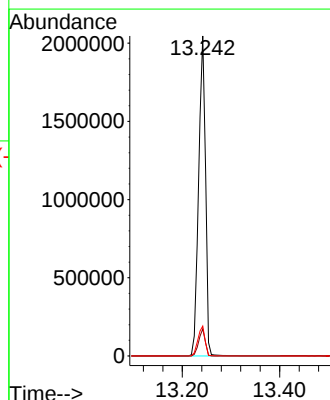
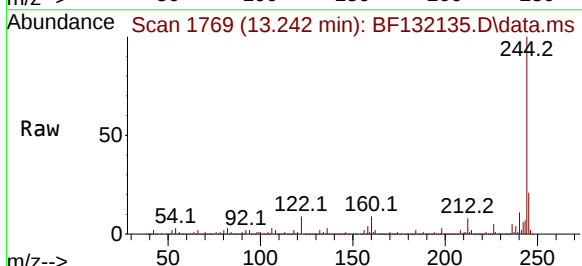
Tgt Ion:244 Resp: 2026848

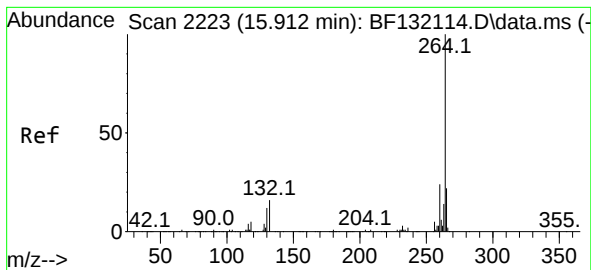
Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

122 9.3 7.0 10.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132135.D

Acq: 19 Jan 2023 00:20

Instrument :

BNA_F

ClientSampleId :

PE-4

Tgt Ion:264 Resp: 475952

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.1 17.5 26.3

