

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126848.D
 Acq On : 10 Feb 2022 17:25
 Operator : CG\JU
 Sample : N1449-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220040-NACOTE-2-COMPOSITE

Quant Time: Feb 11 03:15:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

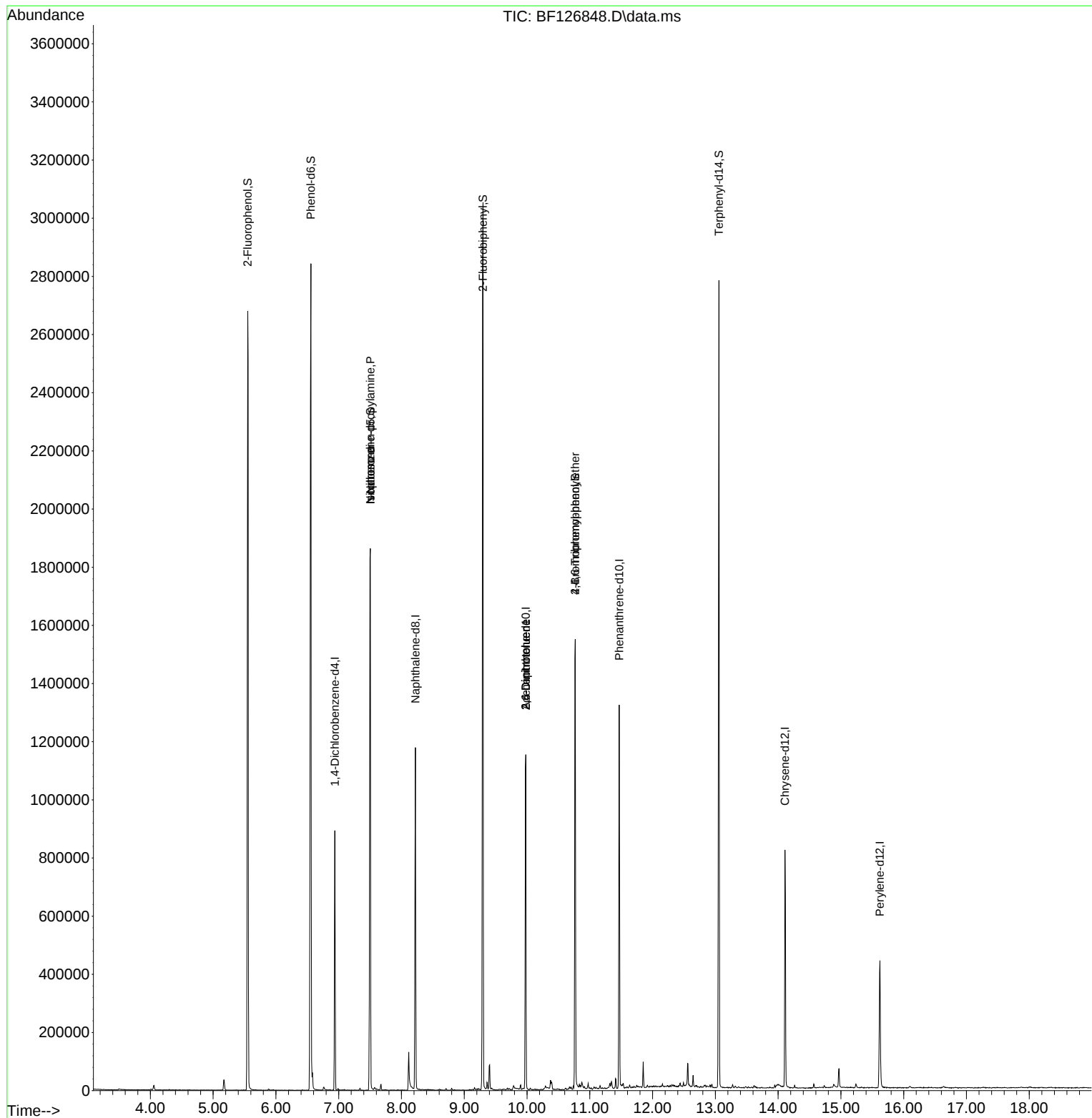
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	112346	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	450268	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	230414	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	404542	20.000	ng	0.00
76) Chrysene-d12	14.110	240	254464	20.000	ng	-0.01
86) Perylene-d12	15.621	264	187316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	723924	99.211	ng	0.00
7) Phenol-d6	6.557	99	986174	100.113	ng	0.00
23) Nitrobenzene-d5	7.504	82	655149	67.135	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	173800	70.359	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	892581	58.312	ng	0.00
79) Terphenyl-d14	13.057	244	843457	47.518	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	86923	13.934	ng	# 78
25) Isophorone	7.504	82	655140	40.070	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	30285	9.174	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	30285	6.939	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	10637	2.420	ng	# 1

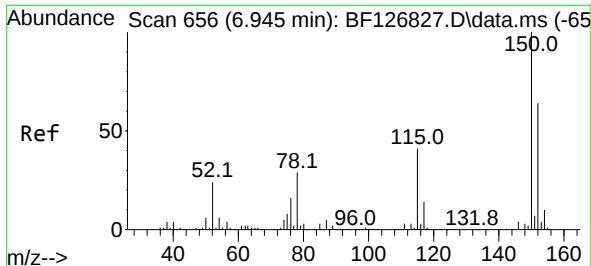
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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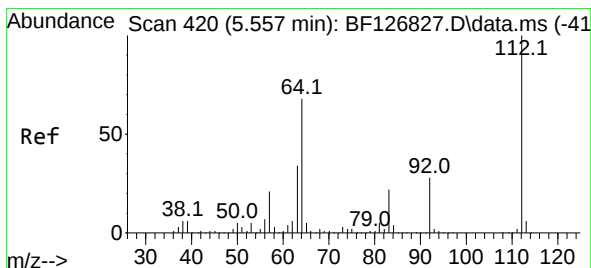
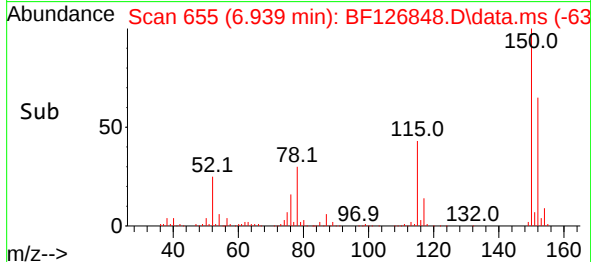
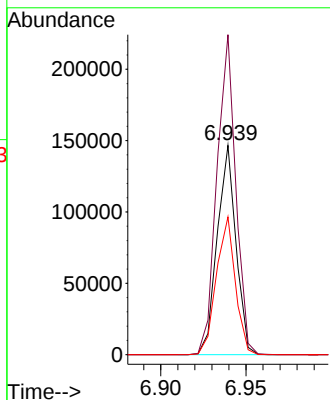
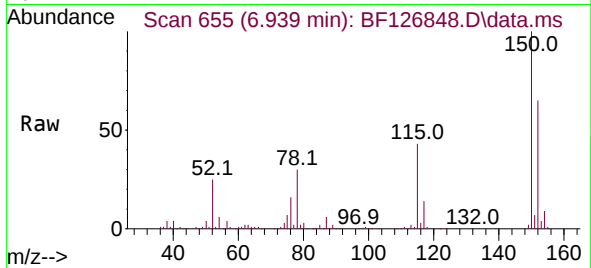




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

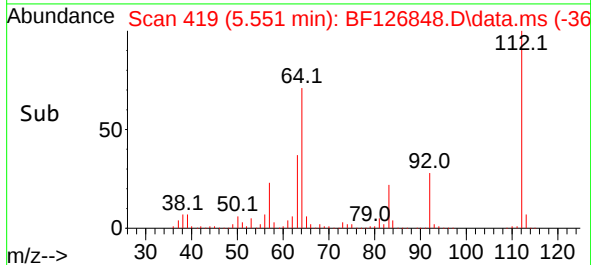
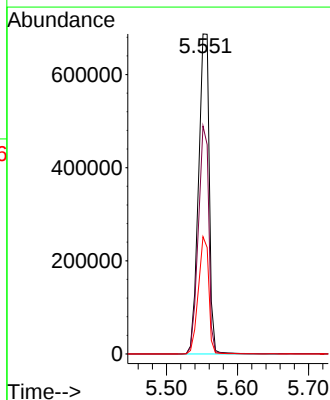
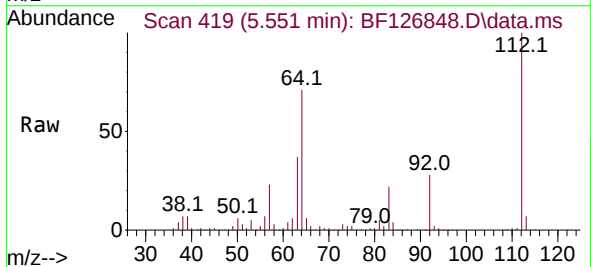
Instrument :
BNA_F
ClientSampleId :
20220040-NACOTE-2-COMPOSITE

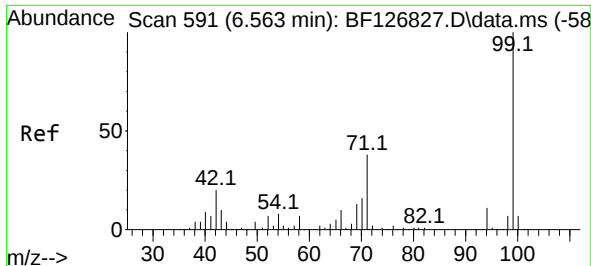
Tgt Ion:152 Resp: 112346
Ion Ratio Lower Upper
152 100
150 152.9 124.3 186.5
115 65.8 50.5 75.7



#5
2-Fluorophenol
Concen: 99.211 ng
RT: 5.551 min Scan# 419
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

Tgt Ion:112 Resp: 723924
Ion Ratio Lower Upper
112 100
64 71.2 54.3 81.5
63 36.7 27.5 41.3

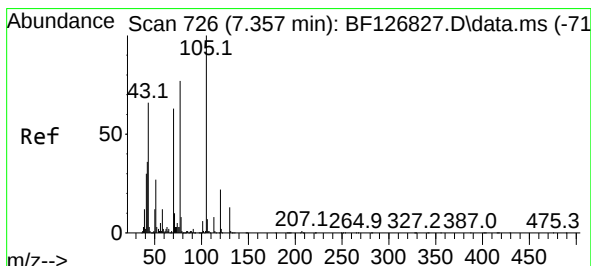
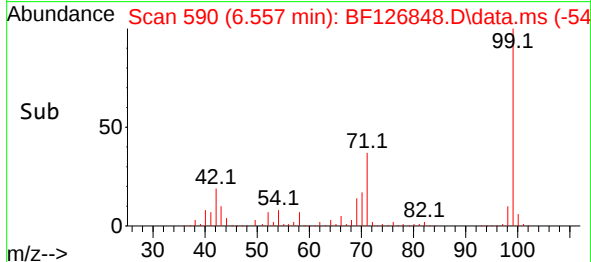
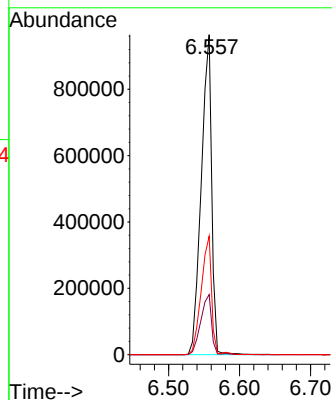
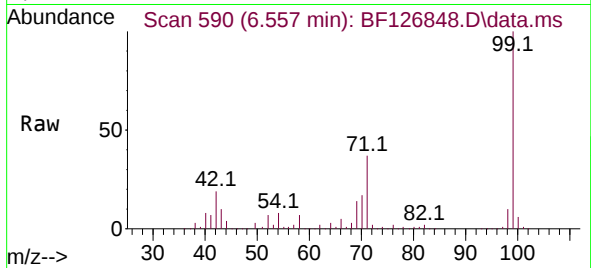




#7
Phenol-d6
Concen: 100.113 ng
RT: 6.557 min Scan# 591
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

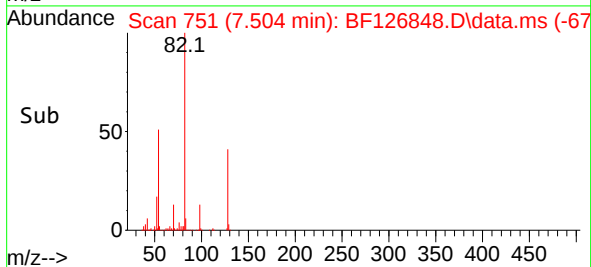
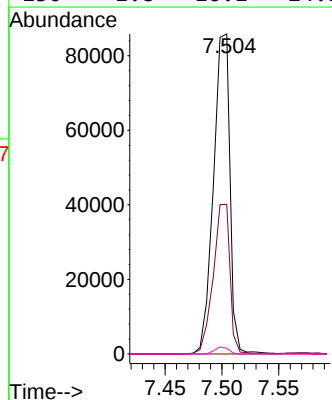
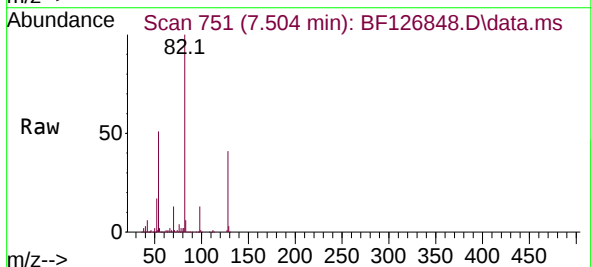
Instrument :
BNA_F
ClientSampleId :
20220040-NACOTE-2-COMPOSITE

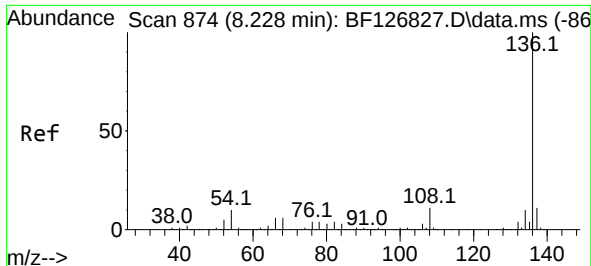
Tgt Ion: 99 Resp: 986174
Ion Ratio Lower Upper
99 100
42 18.8 15.8 23.6
71 37.1 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.934 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

Tgt Ion: 70 Resp: 86923
Ion Ratio Lower Upper
70 100
42 46.7 46.3 69.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

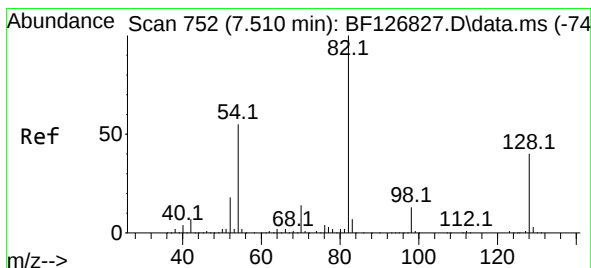
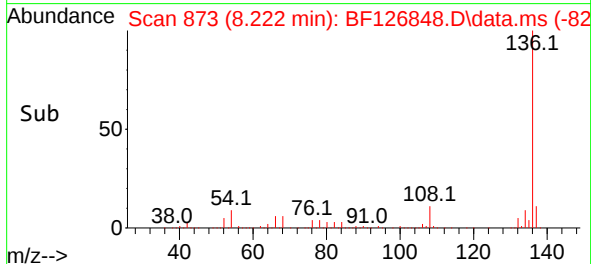
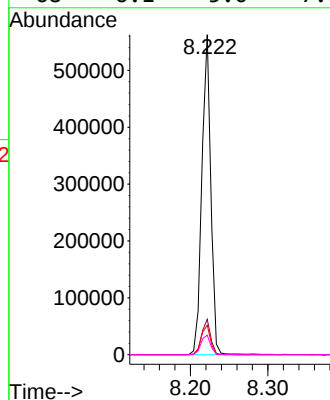
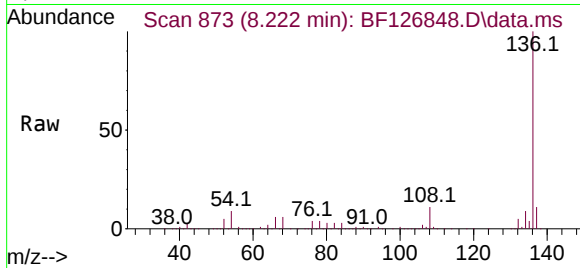




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

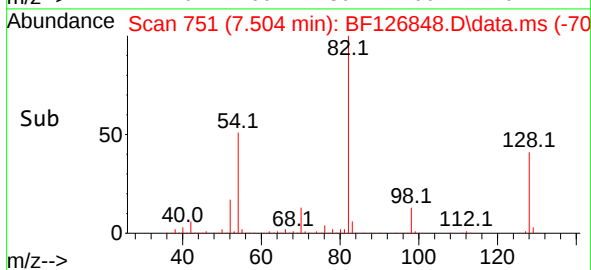
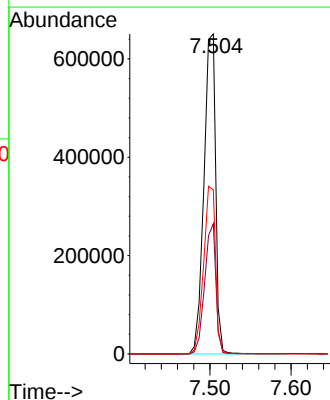
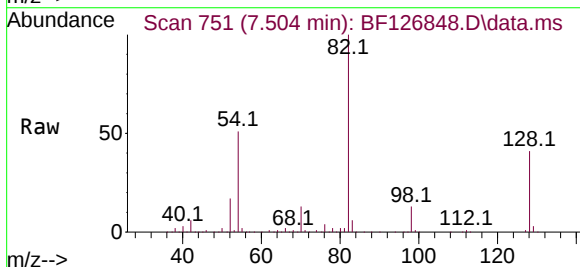
Instrument :
BNA_F
ClientSampleId :
20220040-NACOTE-2-COMPOSITE

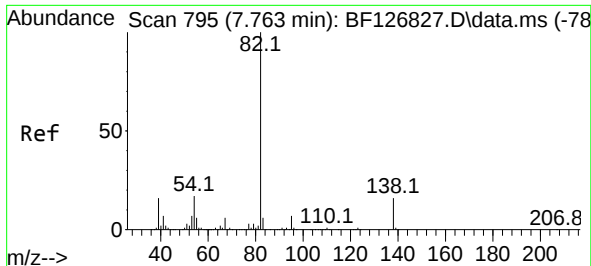
Tgt	Ion:136	Resp:	450268
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.2	8.0	12.0
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 67.135 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

Tgt Ion: 82	Resp: 655149
Ion Ratio	Lower Upper
82 100	
128 40.7	31.6 47.4
54 51.3	43.7 65.5

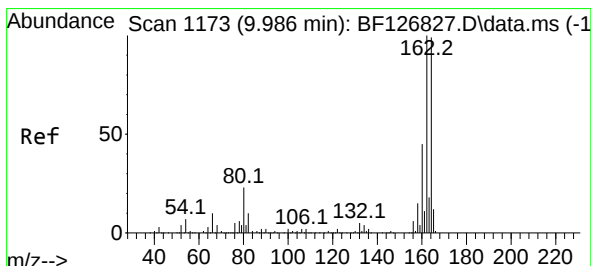
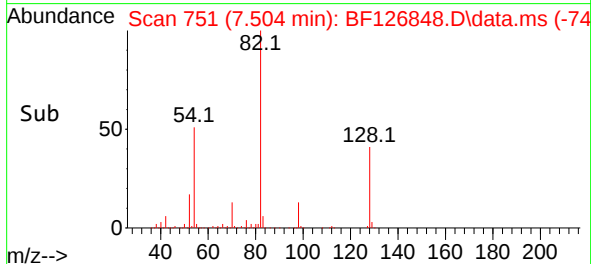
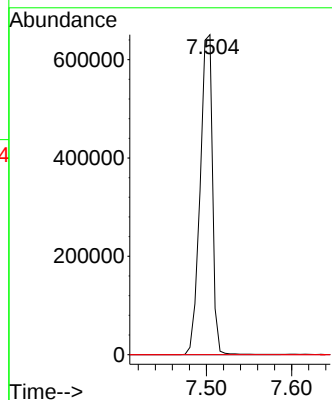
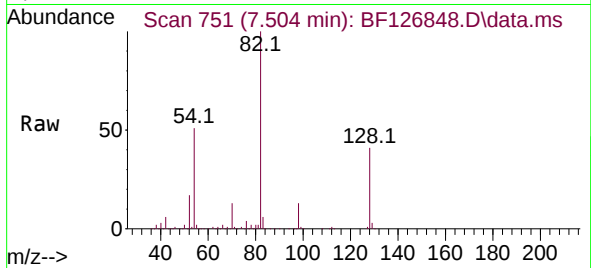




#25
Isophorone
Concen: 40.070 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

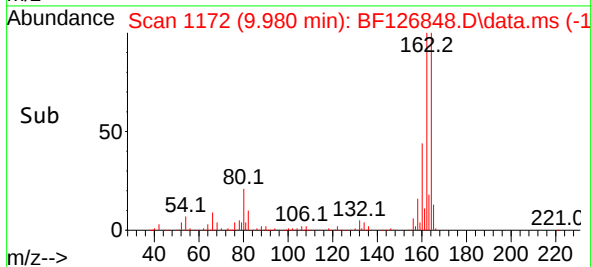
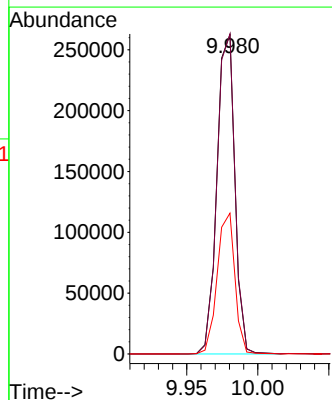
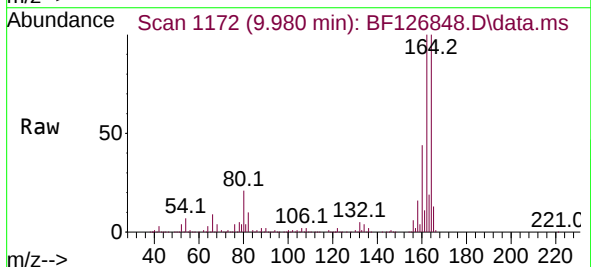
Instrument :
BNA_F
ClientSampleId :
20220040-NACOTE-2-COMPOSITE

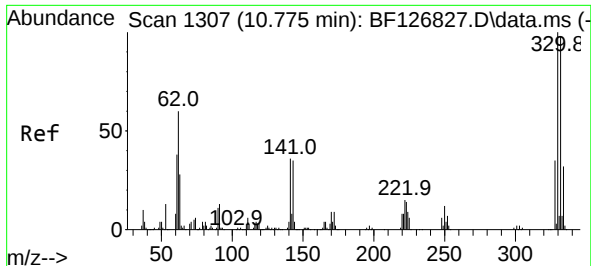
Tgt Ion: 82 Resp: 655140
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

Tgt Ion:164 Resp: 230414
Ion Ratio Lower Upper
164 100
162 100.2 80.9 121.3
160 44.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 70.359 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126848.D

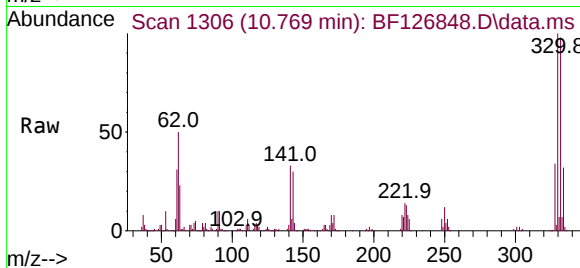
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Instrument :

BNA_F

ClientSampleId :

20220040-NACOTE-2-COMPOSITE



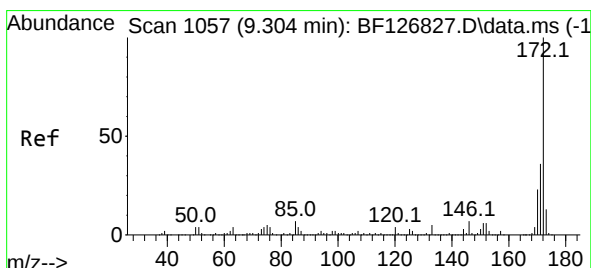
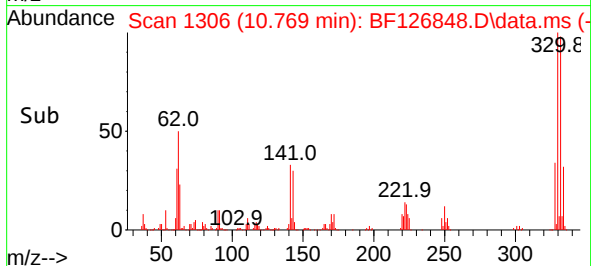
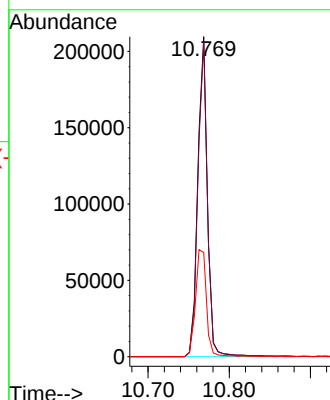
Tgt Ion:330 Resp: 173800

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

141 38.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 58.312 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126848.D

Acq: 10 Feb 2022 17:25

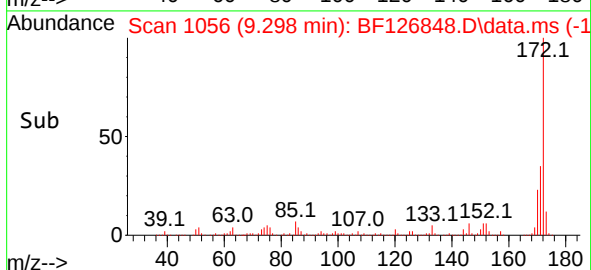
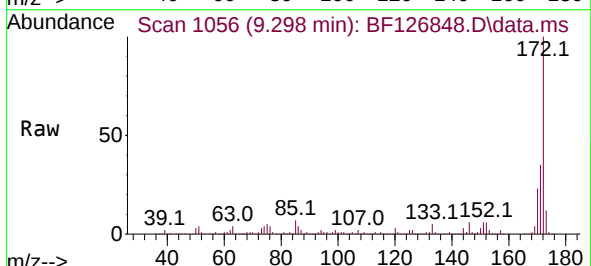
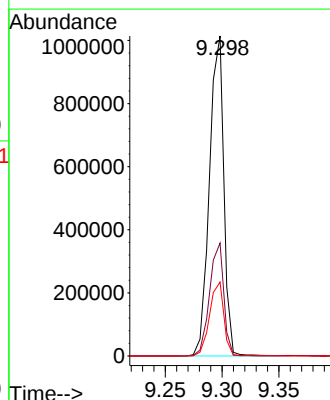
Tgt Ion:172 Resp: 892581

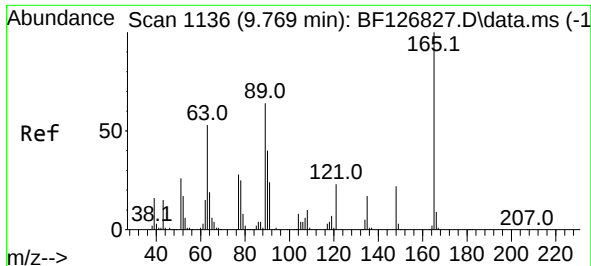
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.1 18.7 28.1

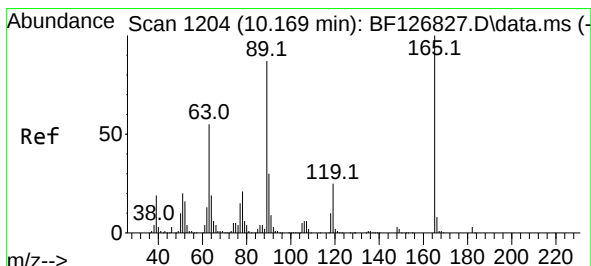
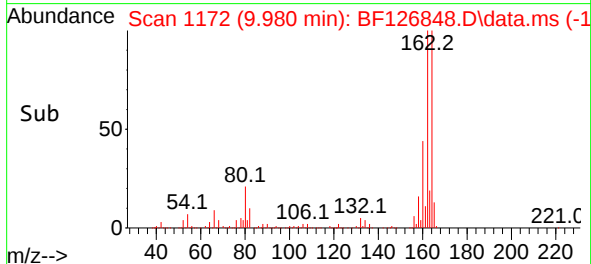
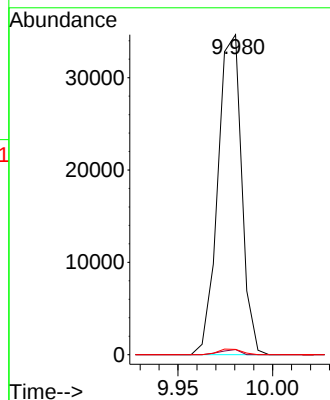
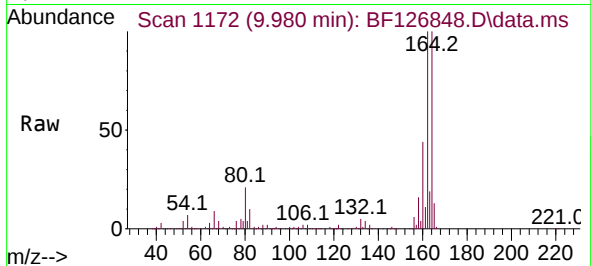




#51
2,6-Dinitrotoluene
Concen: 9.174 ng
RT: 9.980 min Scan# 1172
Delta R.T. 0.211 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

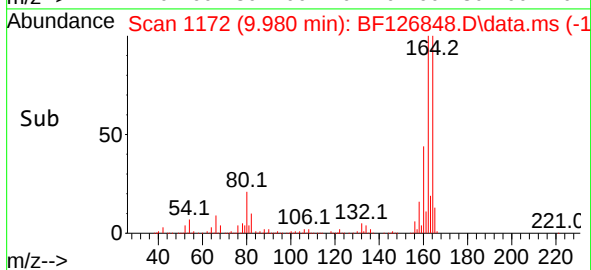
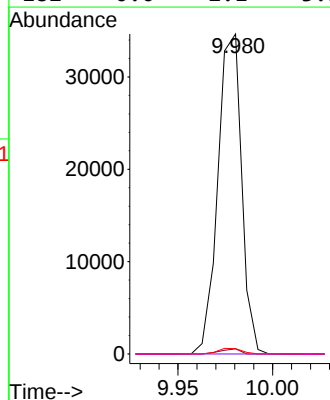
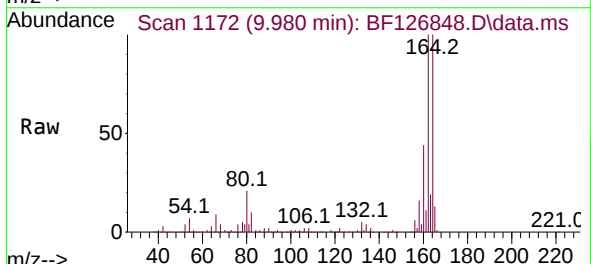
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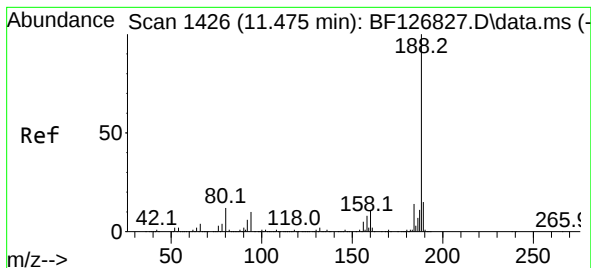
Tgt Ion:165 Resp: 30285
Ion Ratio Lower Upper
165 100
63 1.6 49.9 74.9#
89 1.7 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.939 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.188 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

Tgt Ion:165 Resp: 30285
Ion Ratio Lower Upper
165 100
63 1.6 43.9 65.9#
89 1.7 69.8 104.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF126848.D

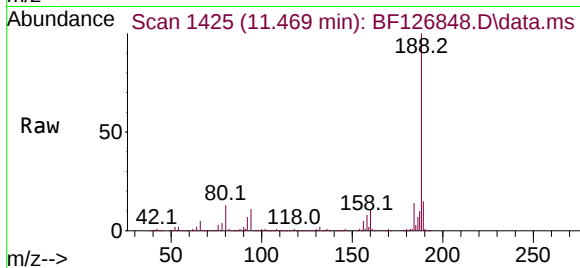
Acq: 10 Feb 2022 17:25

Instrument :

BNA_F

ClientSampleId :

20220040-NACOTE-2-COMPOSITE



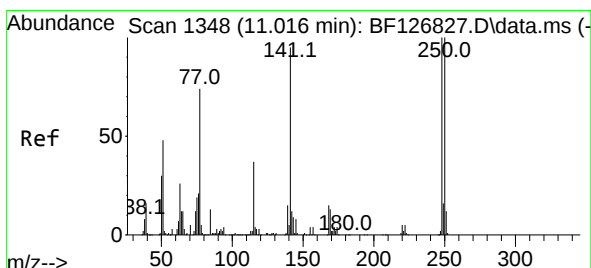
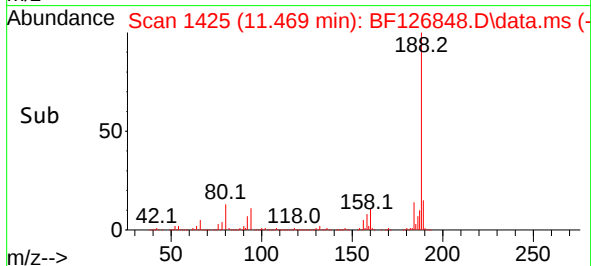
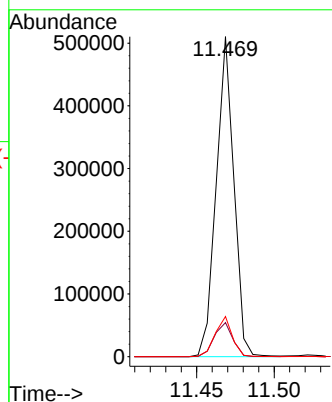
Tgt Ion:188 Resp: 404542

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 12.6 9.5 14.3



#67

4-Bromophenyl-phenylether

Concen: 2.420 ng

RT: 10.769 min Scan# 1306

Delta R.T. -0.247 min

Lab File: BF126848.D

Acq: 10 Feb 2022 17:25

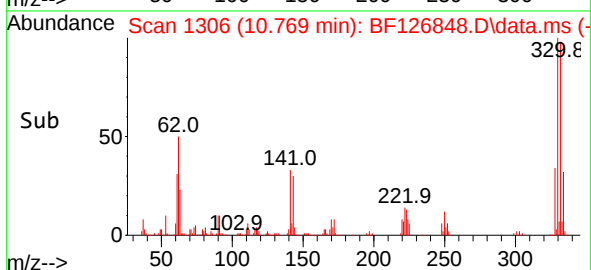
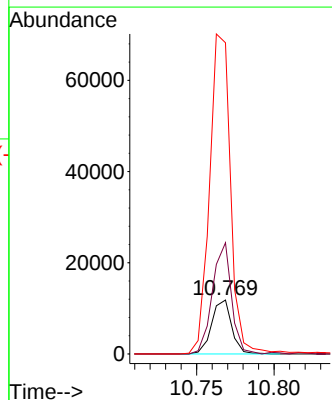
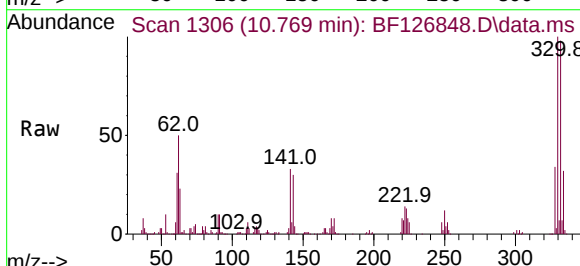
Tgt Ion:248 Resp: 10637

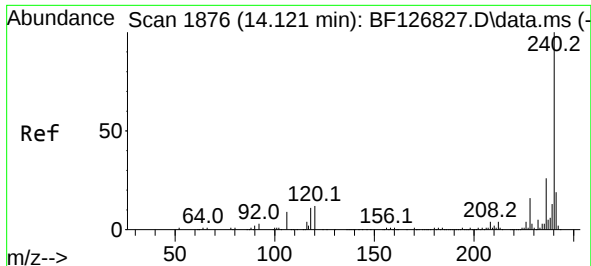
Ion Ratio Lower Upper

248 100

250 206.3 80.0 120.0#

141 577.3 75.6 113.4#

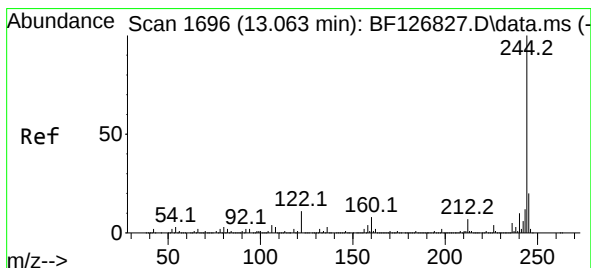
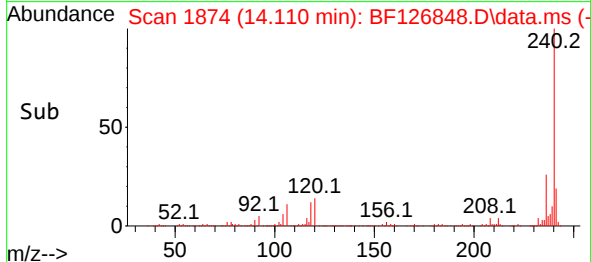
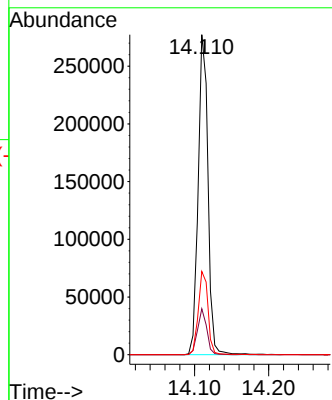
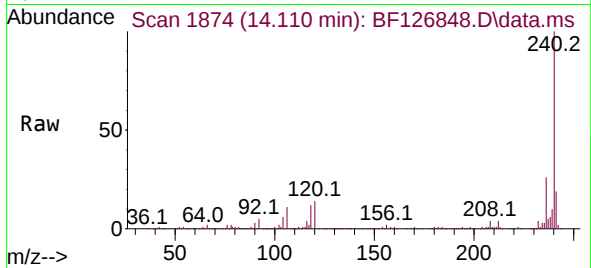




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

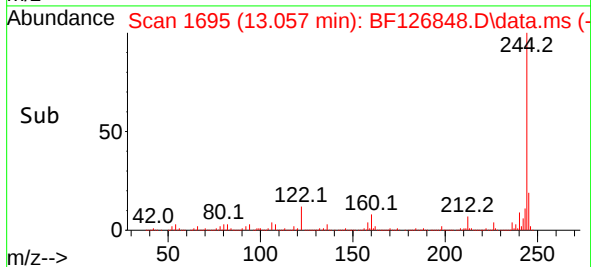
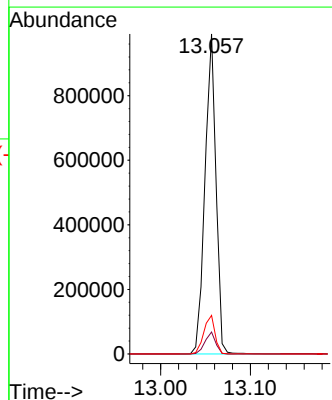
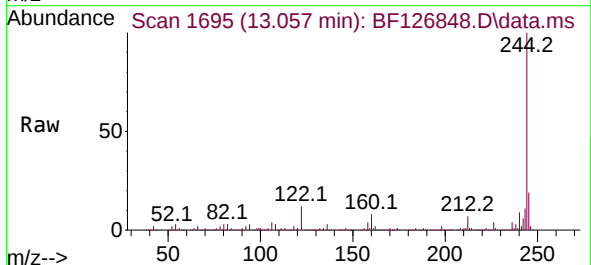
Instrument :
BNA_F
ClientSampleId :
20220040-NACOTE-2-COMPOSITE

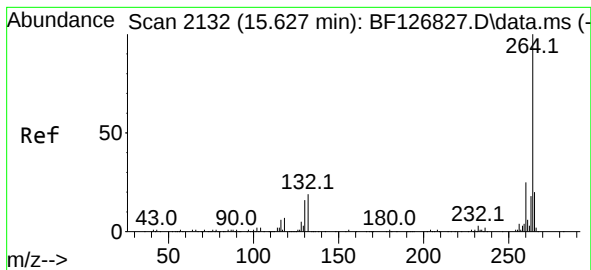
Tgt Ion:240 Resp: 254464
Ion Ratio Lower Upper
240 100
120 14.4 9.8 14.6
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 47.518 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BF126848.D
Acq: 10 Feb 2022 17:25

Tgt Ion:244 Resp: 843457
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 12.0 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126848.D

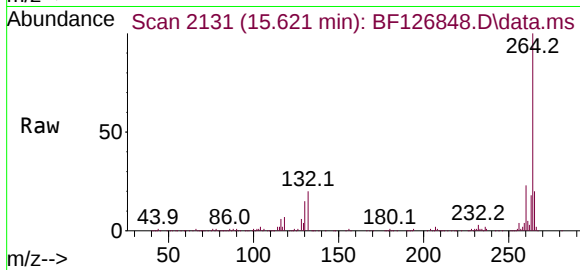
Acq: 10 Feb 2022 17:25

Instrument :

BNA_F

ClientSampleId :

20220040-NACOTE-2-COMPOSITE



Tgt Ion:264 Resp: 187316

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 20.5 15.9 23.9

