

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126546.D
 Acq On : 7 Jan 2022 17:14
 Operator : JU/CG
 Sample : M5196-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-3-DEEP

Quant Time: Jan 08 04:38:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

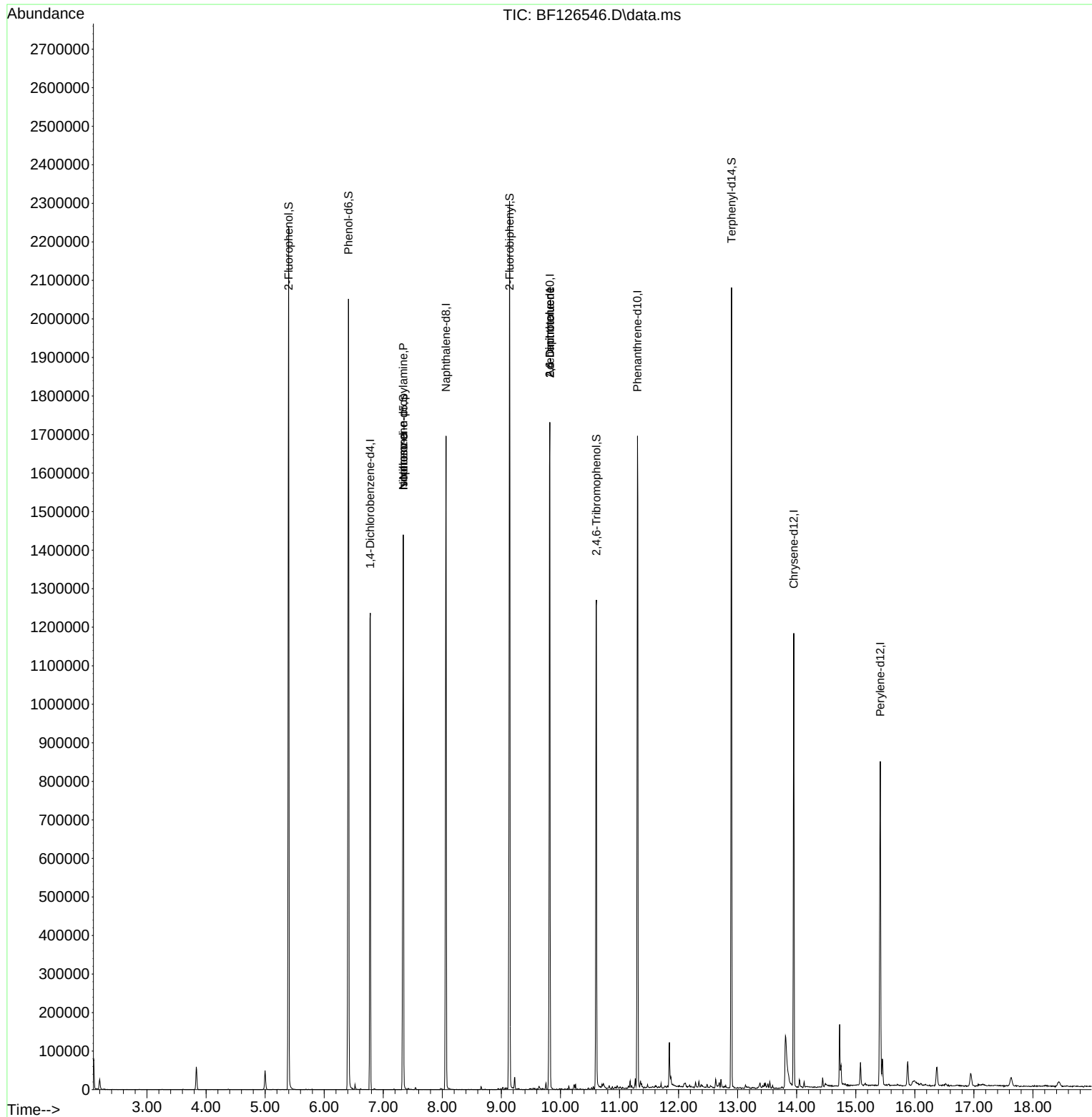
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	194859	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	836753	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	403099	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	640517	20.000	ng	0.00
76) Chrysene-d12	13.951	240	396440	20.000	ng	0.00
86) Perylene-d12	15.415	264	359474	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	644168	47.474	ng	0.00
7) Phenol-d6	6.410	99	831035	47.286	ng	-0.01
23) Nitrobenzene-d5	7.339	82	535809	32.879	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	164347	52.761	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	792301	34.588	ng	-0.01
79) Terphenyl-d14	12.898	244	674646	33.064	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	65892	6.570	ng	# 81
25) Isophorone	7.339	82	529515	18.151	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	51484	9.473	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	51484	7.343	ng	# 15
77) Benzidine	12.898	184	8379	Below Cal		94

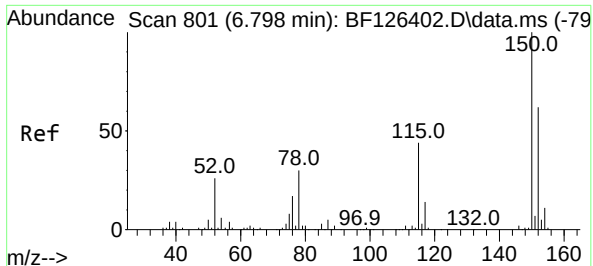
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126546.D
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Sample : M5196-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
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COMPOSITE-SAMPLE-3-DEEP

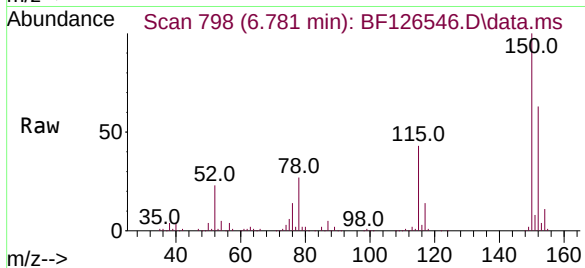
Quant Time: Jan 08 04:38:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration



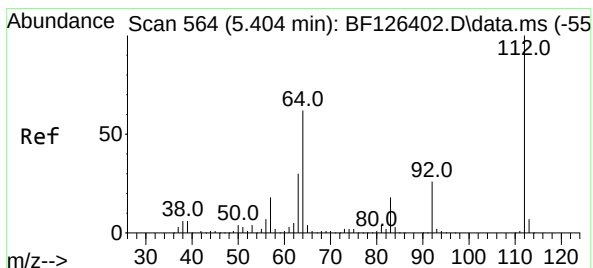
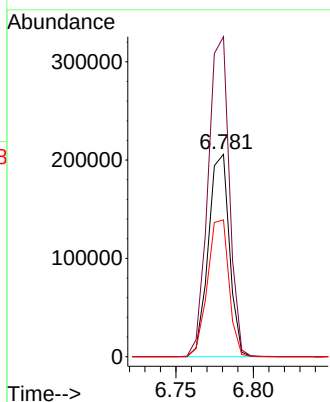
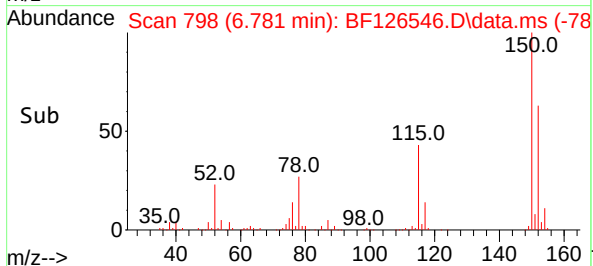


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

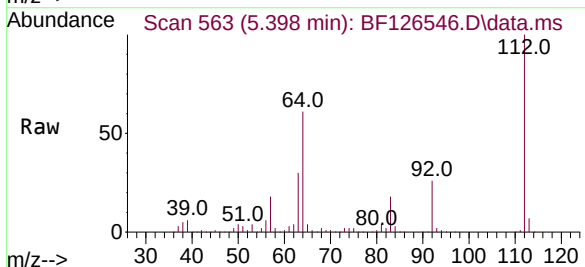
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP



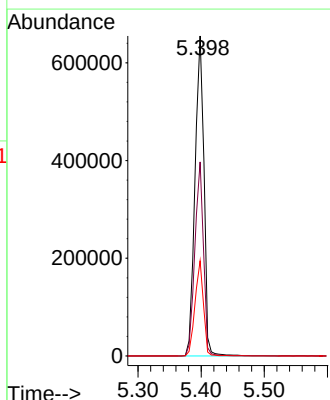
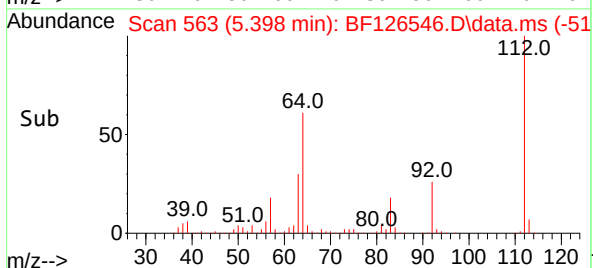
Tgt Ion:152 Resp: 194859
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 67.6 56.7 85.1

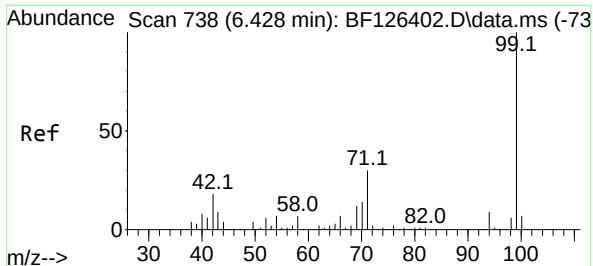


#5
2-Fluorophenol
Concen: 47.474 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14



Tgt Ion:112 Resp: 644168
Ion Ratio Lower Upper
112 100
64 60.6 49.5 74.3
63 29.8 23.9 35.9

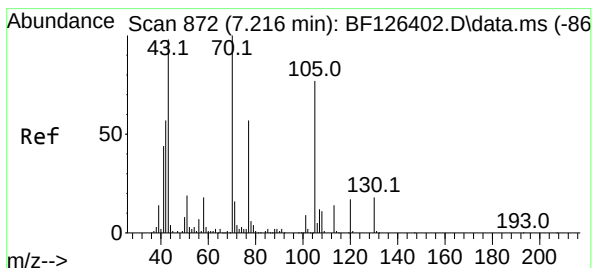
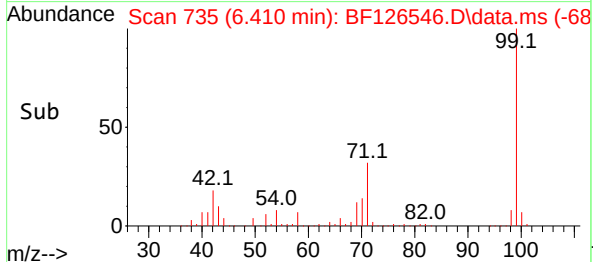
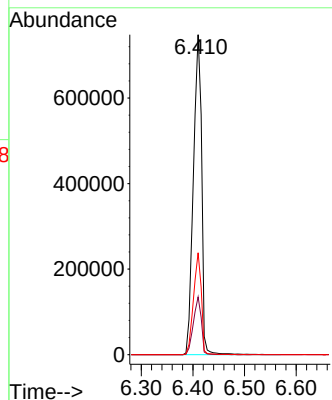
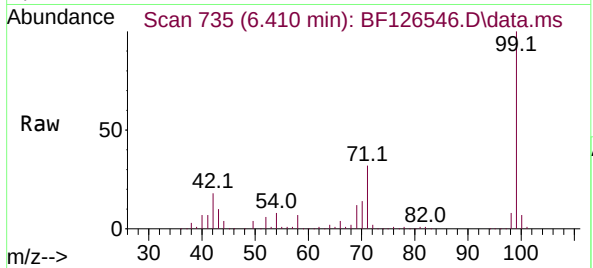




#7
Phenol-d6
Concen: 47.286 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

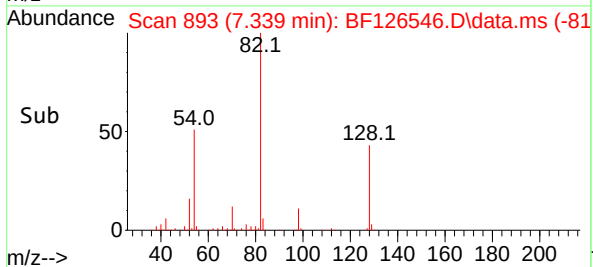
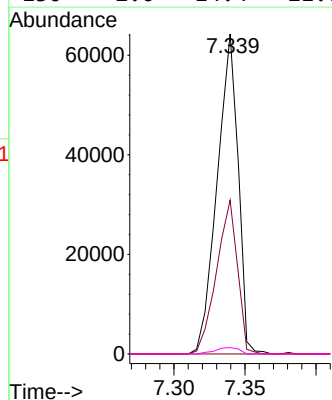
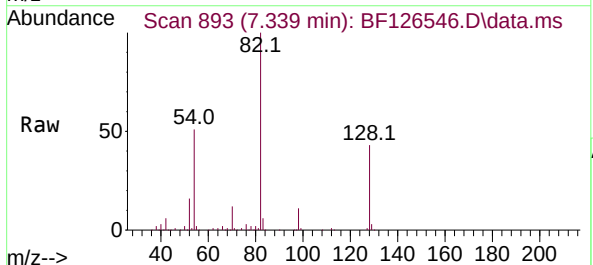
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP

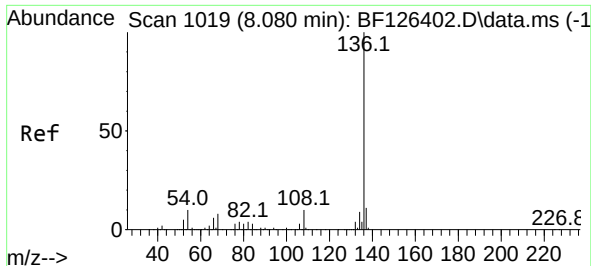
Tgt Ion: 99 Resp: 831035
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.570 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

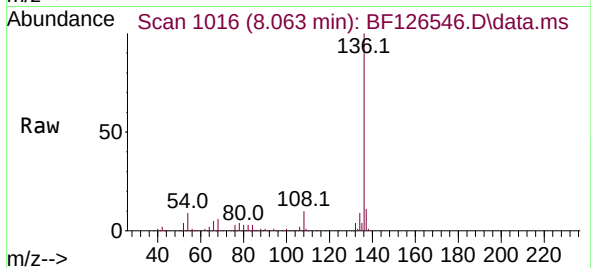
Tgt Ion: 70 Resp: 65892
Ion Ratio Lower Upper
70 100
42 48.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



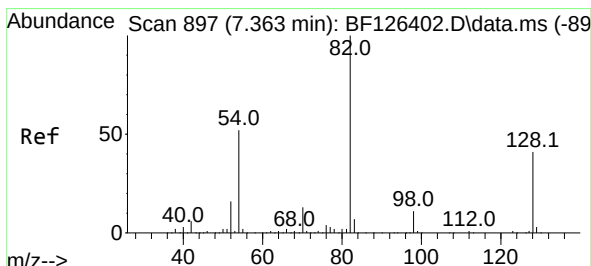
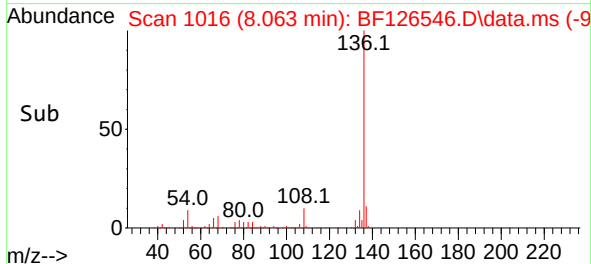
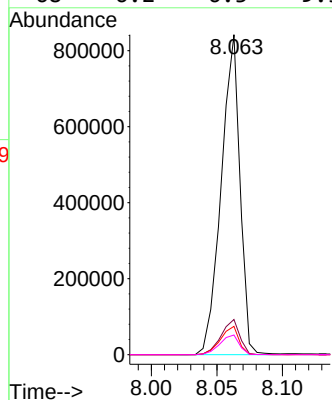


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP

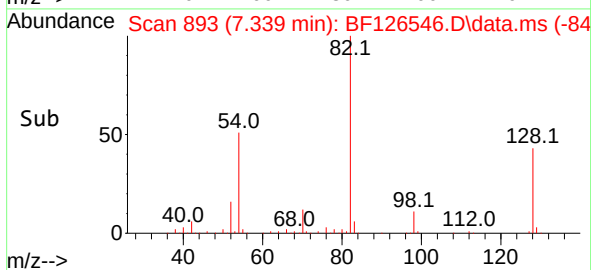
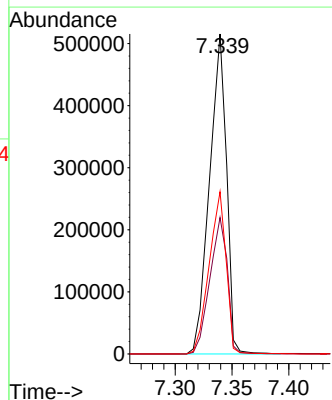
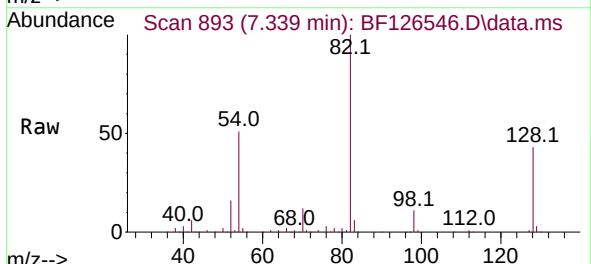


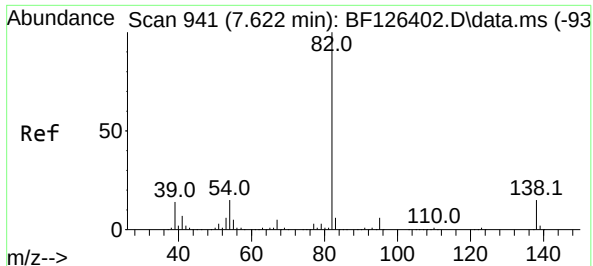
Tgt Ion:136 Resp: 836753
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 32.879 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

Tgt Ion: 82 Resp: 535809
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 50.7 41.7 62.5

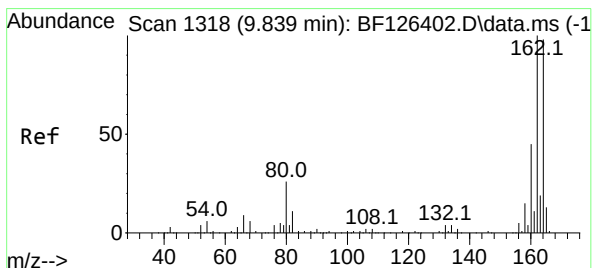
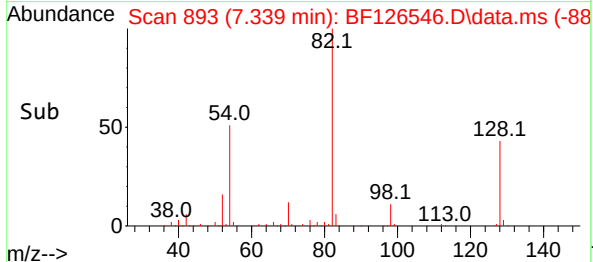
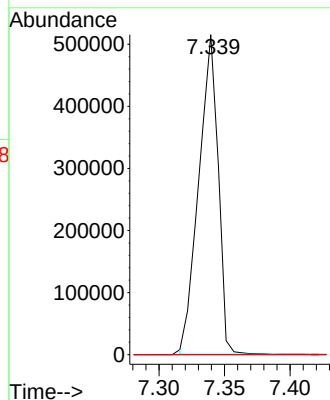
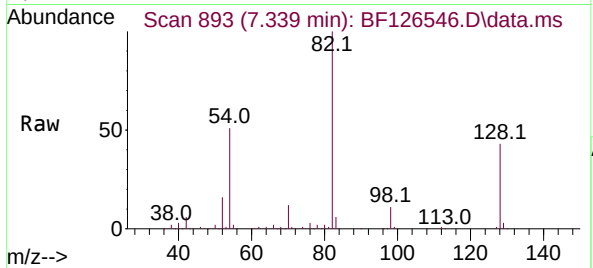




#25
Isophorone
Concen: 18.151 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.270 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

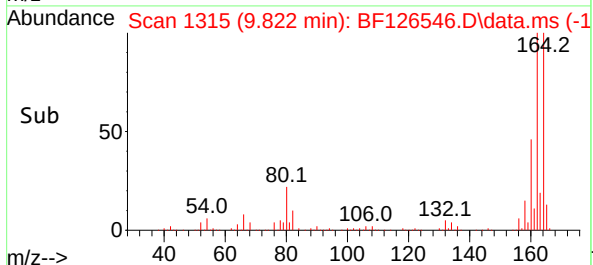
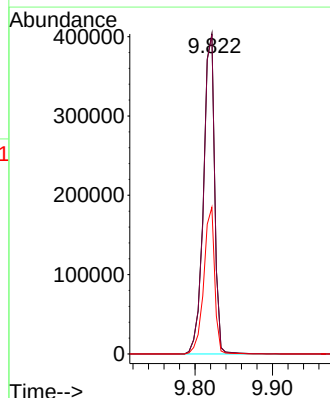
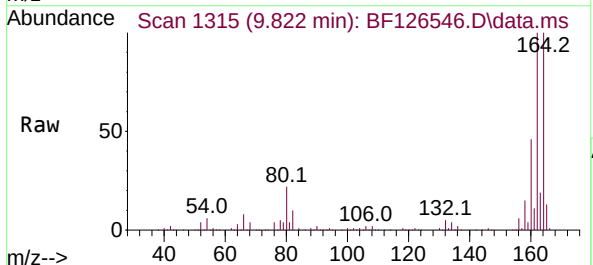
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP

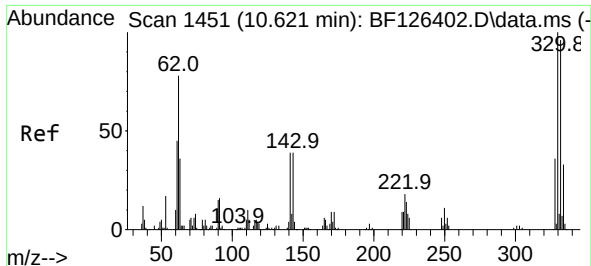
Tgt Ion: 82 Resp: 529515
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

Tgt Ion: 164 Resp: 403099
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 52.761 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126546.D

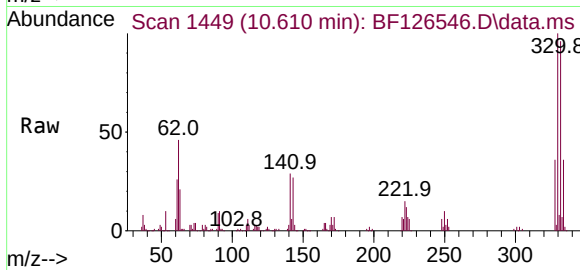
Acq: 7 Jan 2022 17:14

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-SAMPLE-3-DEEP



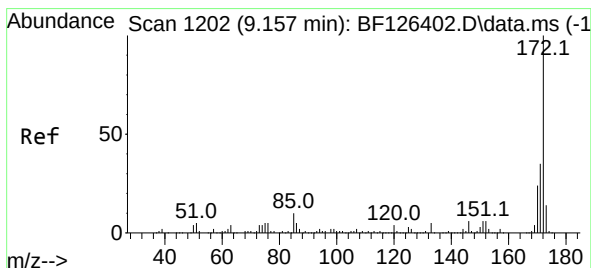
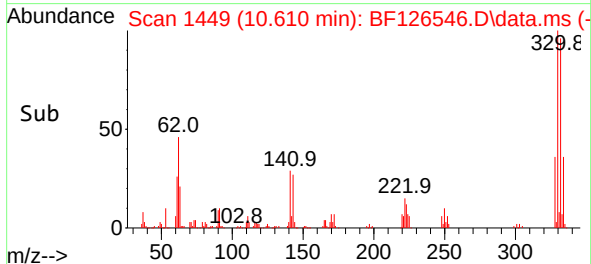
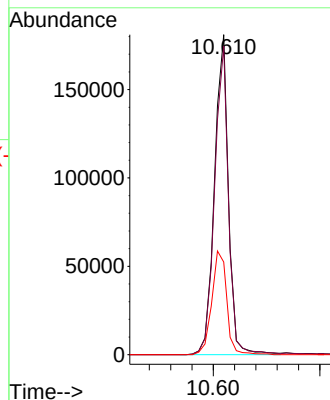
Tgt Ion:330 Resp: 164347

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 34.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 34.588 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126546.D

Acq: 7 Jan 2022 17:14

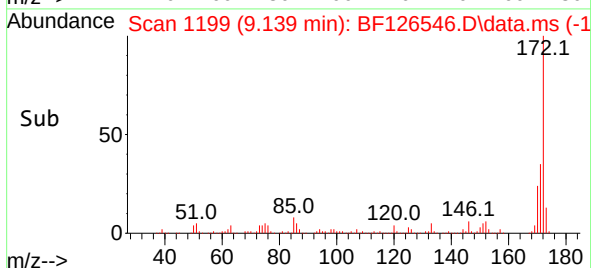
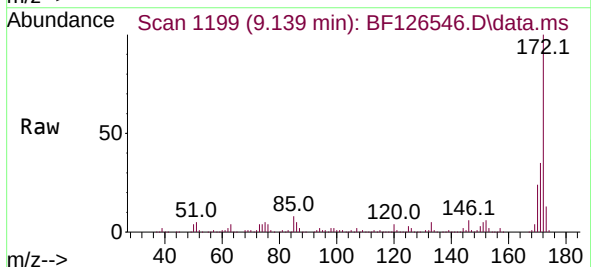
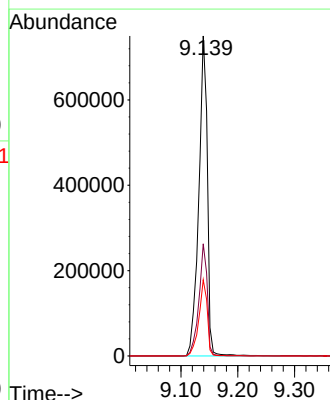
Tgt Ion:172 Resp: 792301

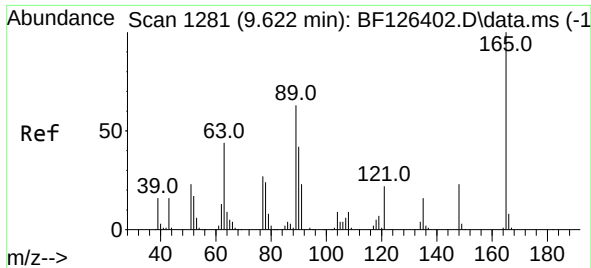
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.0 28.6

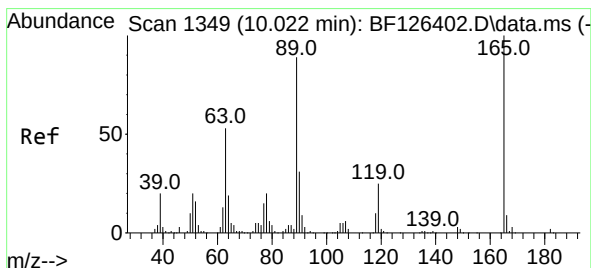
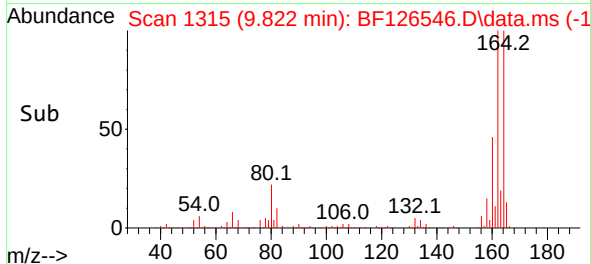
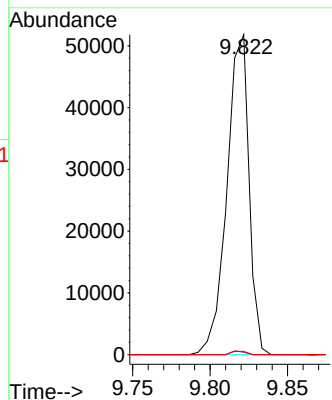
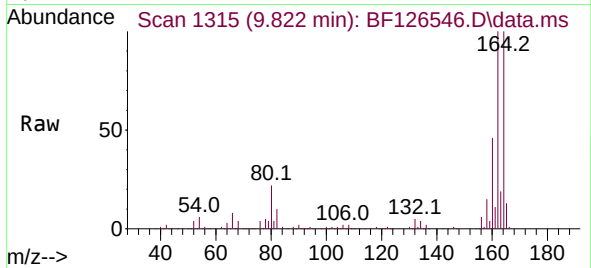




#51
2,6-Dinitrotoluene
Concen: 9.473 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

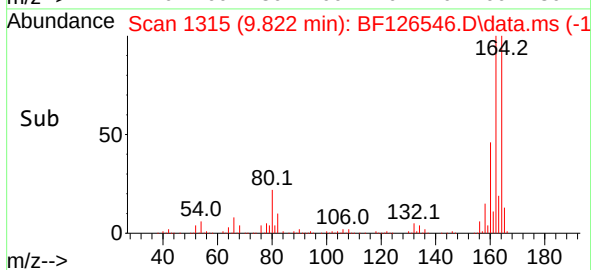
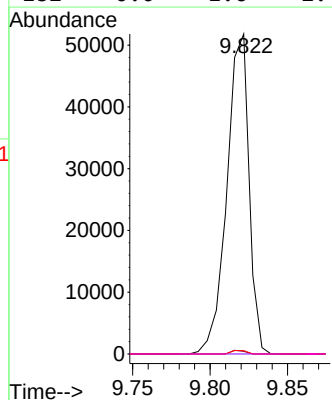
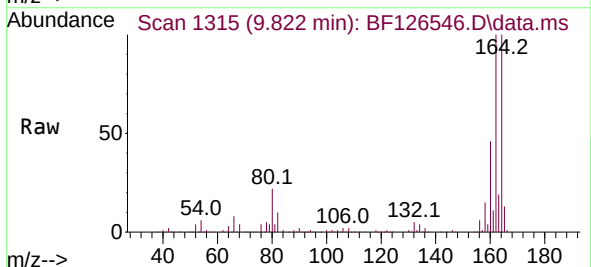
Instrument :
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ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP

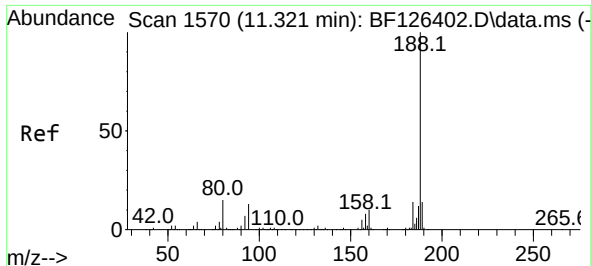
Tgt Ion:165 Resp: 51484
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.343 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

Tgt Ion:165 Resp: 51484
Ion Ratio Lower Upper
165 100
63 0.8 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

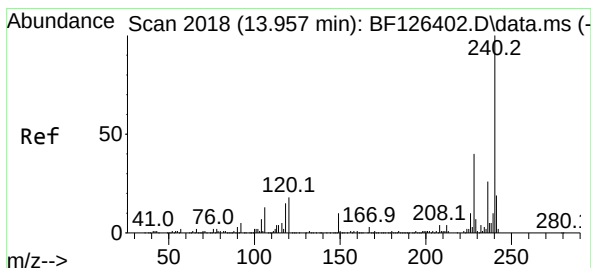
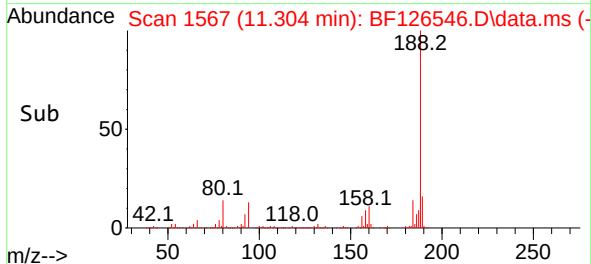
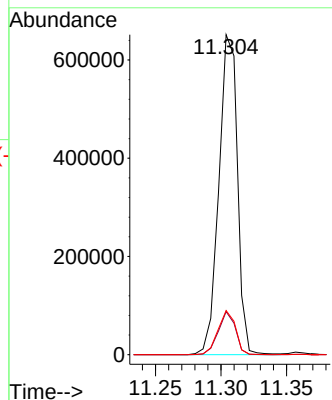
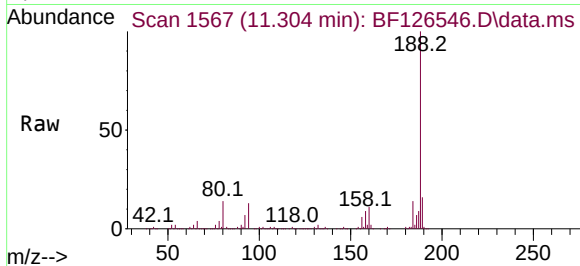




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

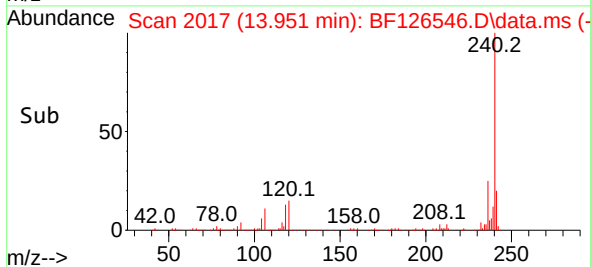
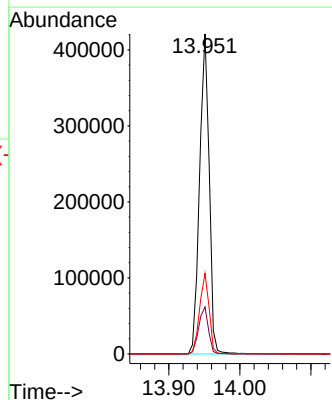
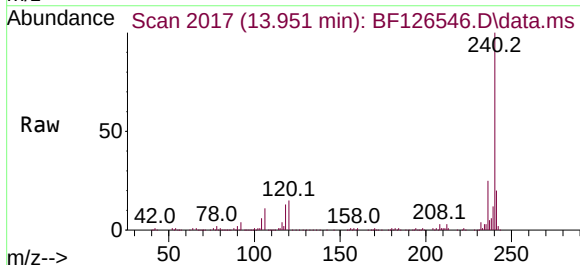
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP

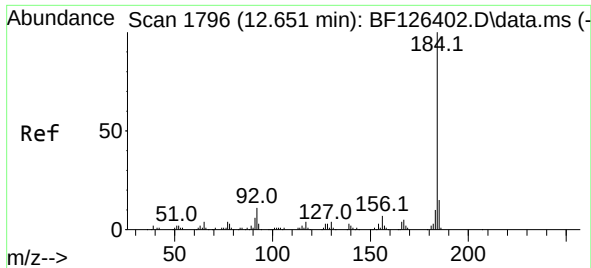
Tgt Ion:188 Resp: 640517
Ion Ratio Lower Upper
188 100
94 13.4 10.1 15.1
80 13.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

Tgt Ion:240 Resp: 396440
Ion Ratio Lower Upper
240 100
120 14.7 14.4 21.6
236 25.2 20.5 30.7

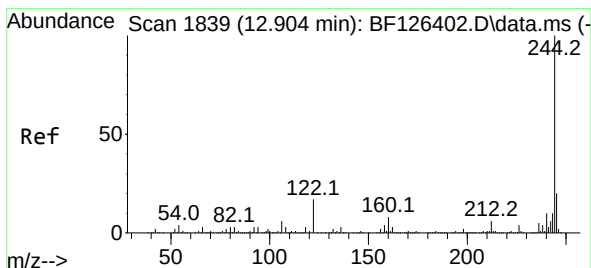
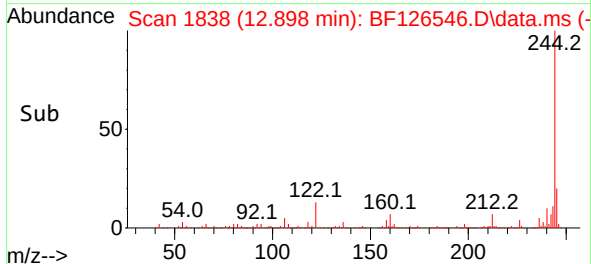
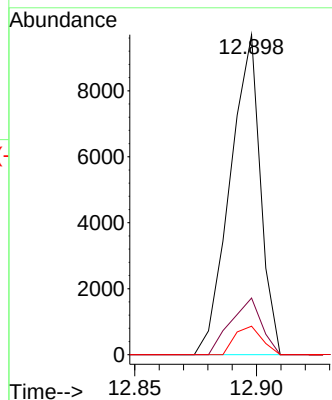
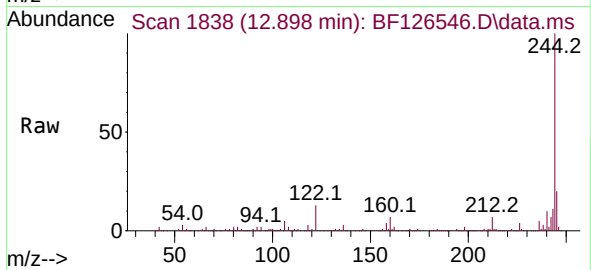




#77
Benzidine
Concen: Below Cal
RT: 12.898 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

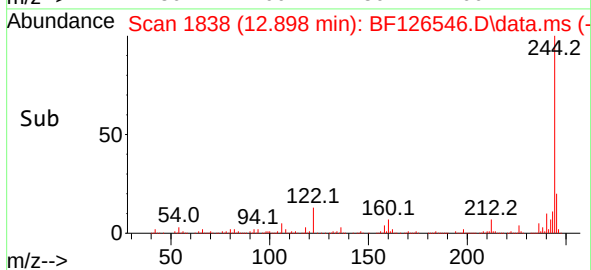
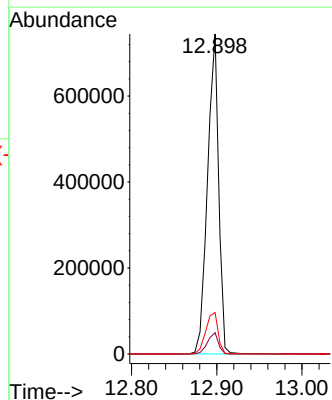
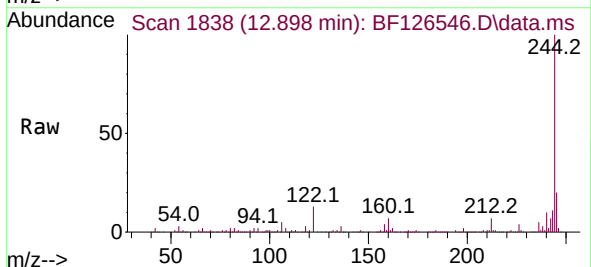
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-SAMPLE-3-DEEP

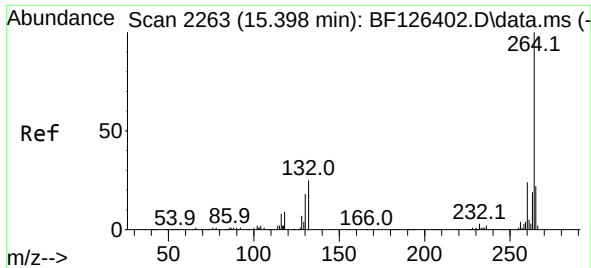
Tgt Ion:184 Resp: 8379
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.8
183 8.9 8.2 12.2



#79
Terphenyl-d14
Concen: 33.064 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126546.D
Acq: 7 Jan 2022 17:14

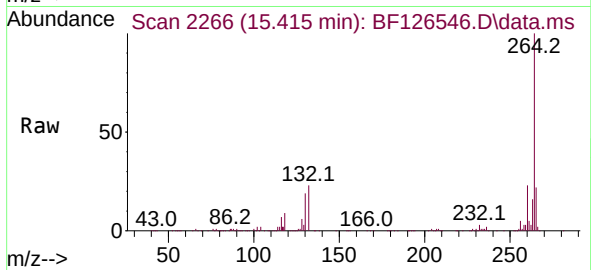
Tgt Ion:244 Resp: 674646
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 12.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: BF126546.D
 Acq: 7 Jan 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-SAMPLE-3-DEEP



Tgt Ion:264 Resp: 359474
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.6 17.4 26.2

