

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128997.D
 Acq On : 24 Jun 2022 18:58
 Operator : CG\JU
 Sample : N3438-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-N47935

Quant Time: Jun 25 06:15:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

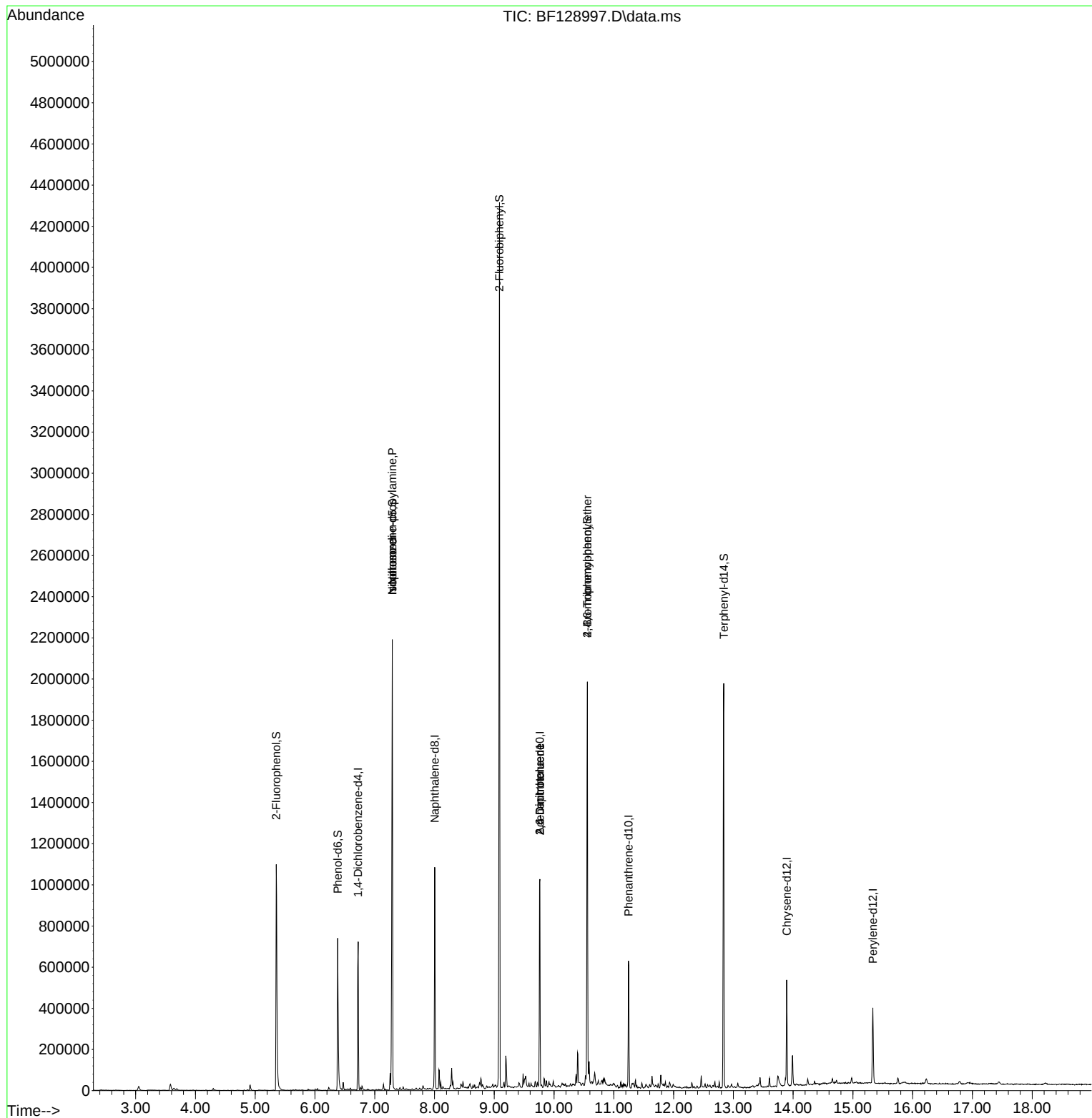
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	98023	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	395132	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	209179	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	234178	20.000	ng	0.00
76) Chrysene-d12	13.892	240	160204	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	145246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	308040	50.055	ng	0.00
7) Phenol-d6	6.381	99	229619	30.567	ng	0.00
23) Nitrobenzene-d5	7.293	82	672243	79.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	220488	89.210	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1232584	82.542	ng	0.00
79) Terphenyl-d14	12.839	244	694288	75.305	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.293	70	94743	20.285	ng	# 77
25) Isophorone	7.293	82	669158	51.915	ng	# 65
51) 2,6-Dinitrotoluene	9.763	165	26628	9.423	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	26628	7.061	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	14609	5.594	ng	# 1

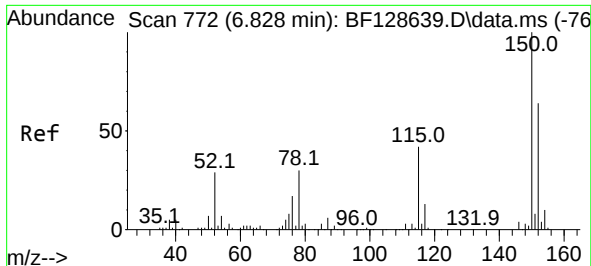
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128997.D
Acq On : 24 Jun 2022 18:58
Operator : CG\JU
Sample : N3438-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

Quant Time: Jun 25 06:15:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration

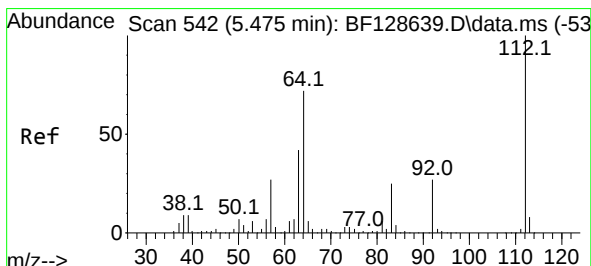
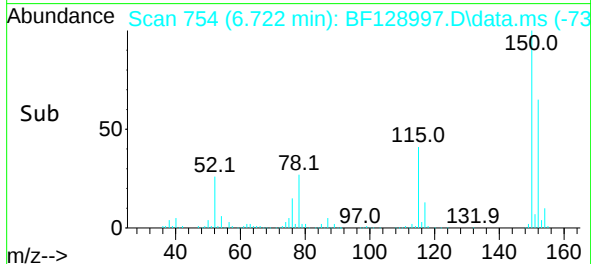
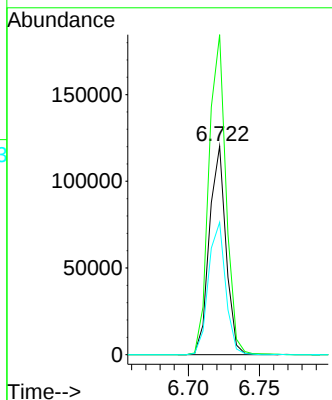
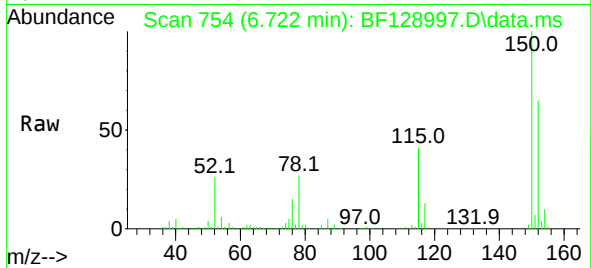




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

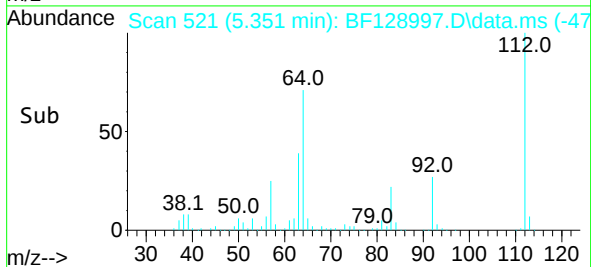
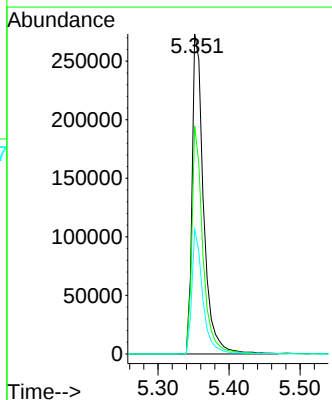
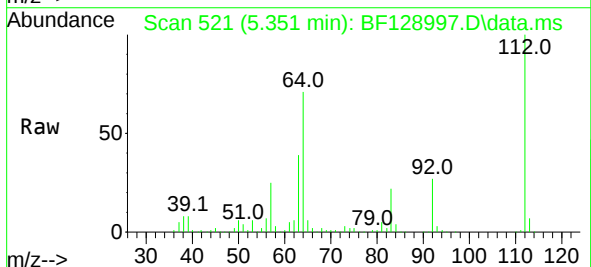
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

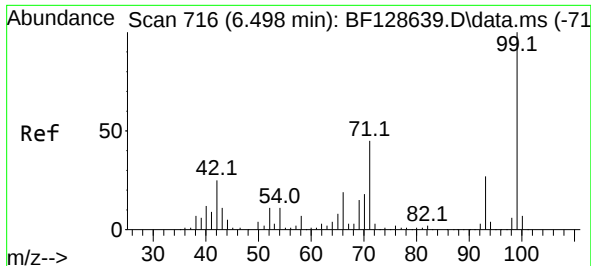
Tgt Ion:152 Resp: 98023
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 50.055 ng
RT: 5.351 min Scan# 521
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion:112 Resp: 308040
Ion Ratio Lower Upper
112 100
64 71.3 53.3 79.9
63 38.8 28.0 42.0

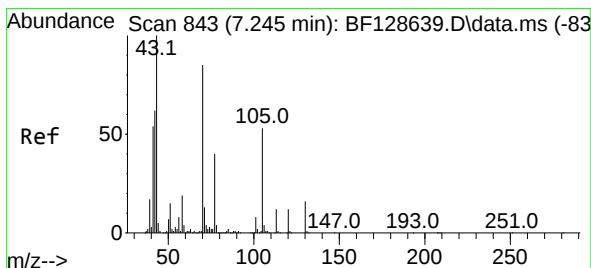
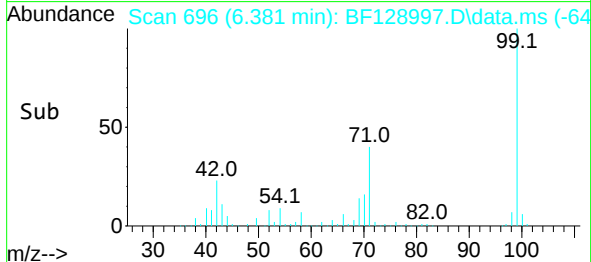
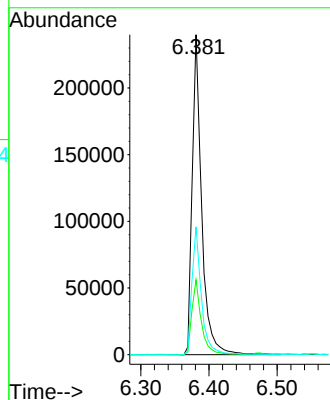
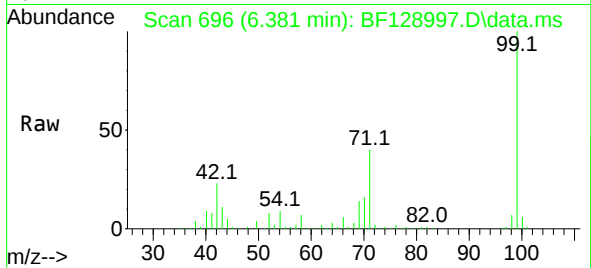




#7
Phenol-d6
Concen: 30.567 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

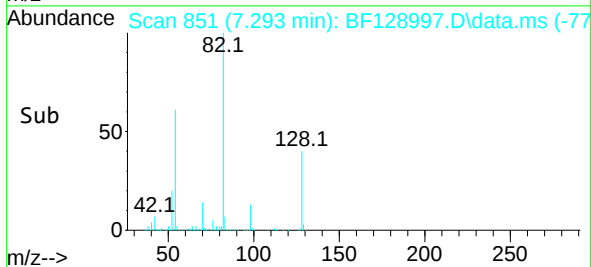
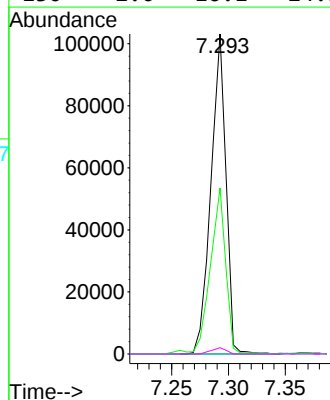
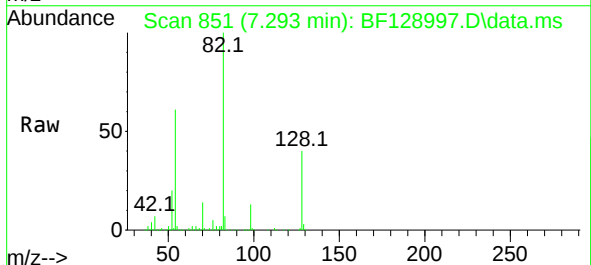
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

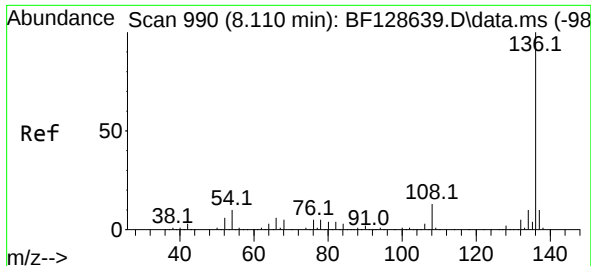
Tgt Ion: 99 Resp: 229619
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 39.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.285 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion: 70 Resp: 94743
Ion Ratio Lower Upper
70 100
42 51.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128997.D

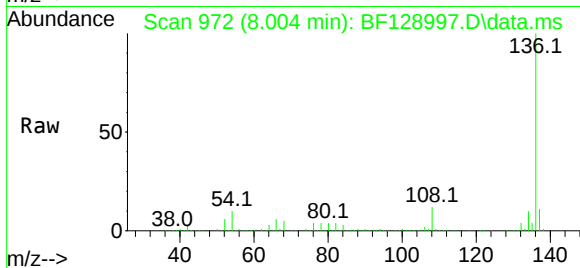
Acq: 24 Jun 2022 18:58

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N47935



Tgt Ion:136 Resp: 395132

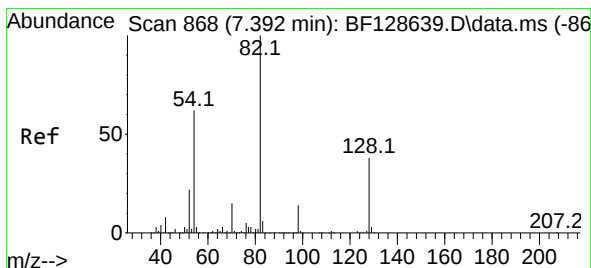
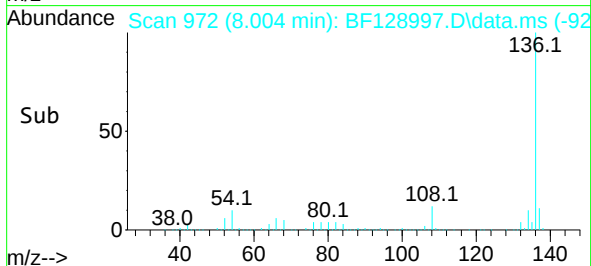
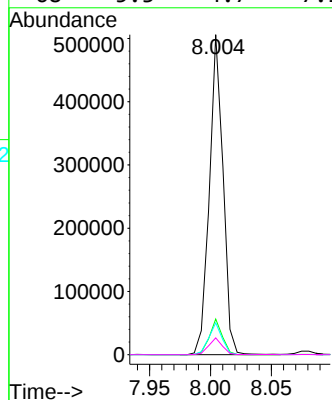
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.9 7.5 11.3

68 5.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 79.211 ng

RT: 7.293 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

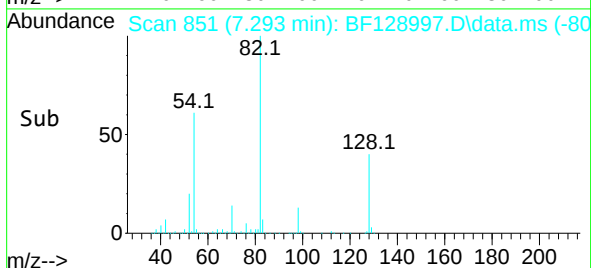
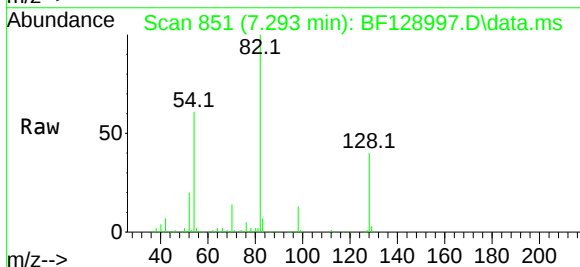
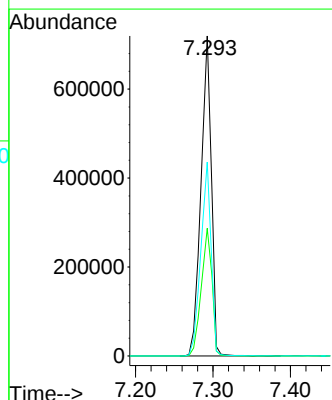
Tgt Ion: 82 Resp: 672243

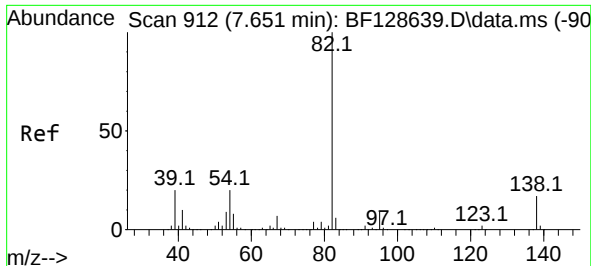
Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 60.6 46.9 70.3

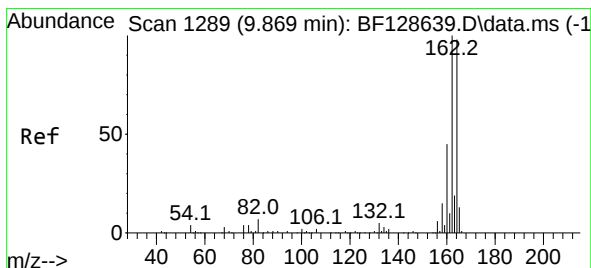
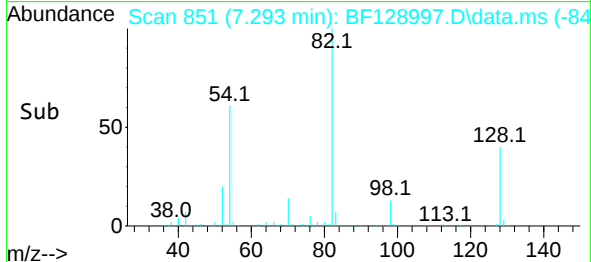
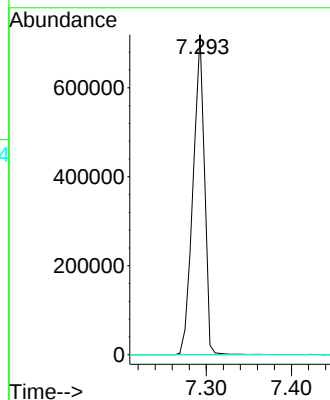
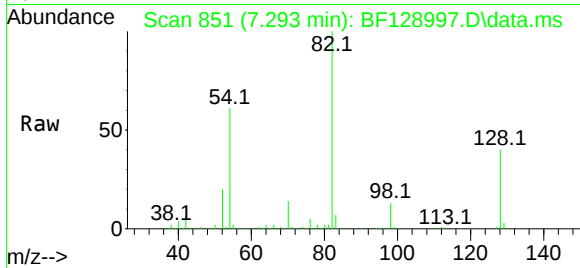




#25
Isophorone
Concen: 51.915 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

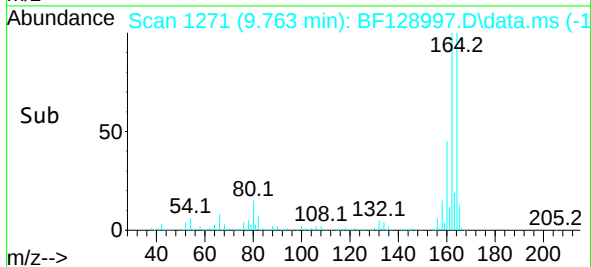
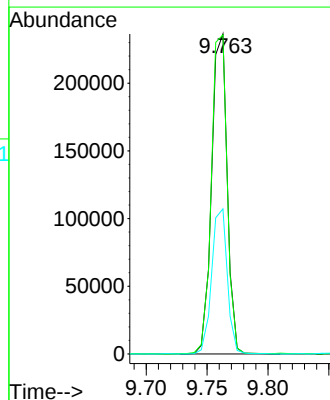
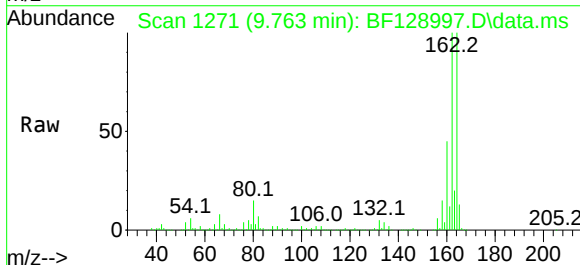
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

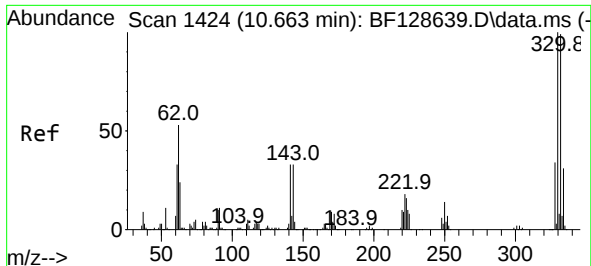
Tgt Ion: 82 Resp: 669158
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion:164 Resp: 209179
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.210 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128997.D

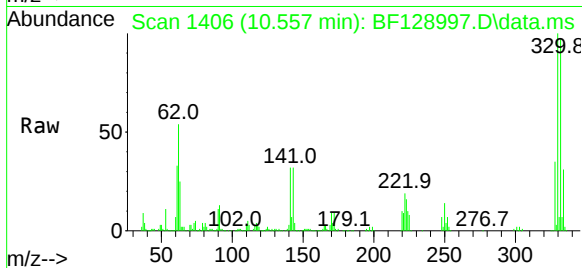
Acq: 24 Jun 2022 18:58

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N47935



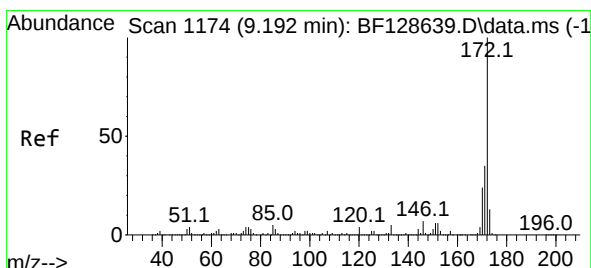
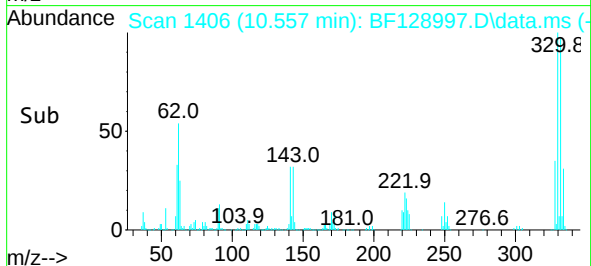
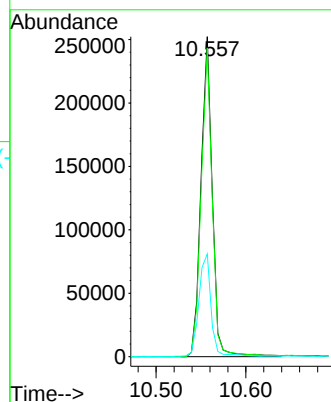
Tgt Ion:330 Resp: 220488

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.542 ng

RT: 9.087 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

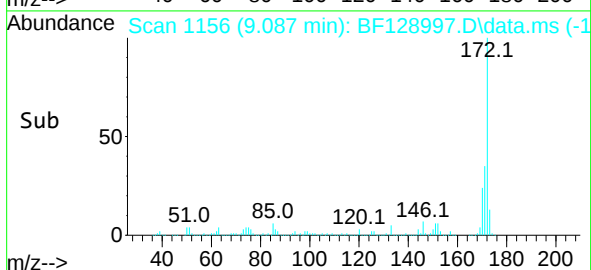
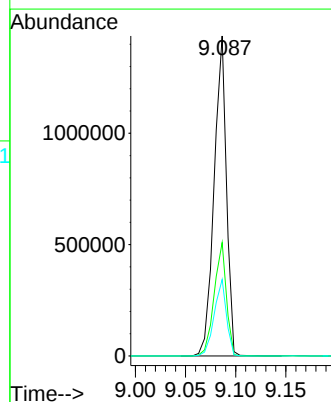
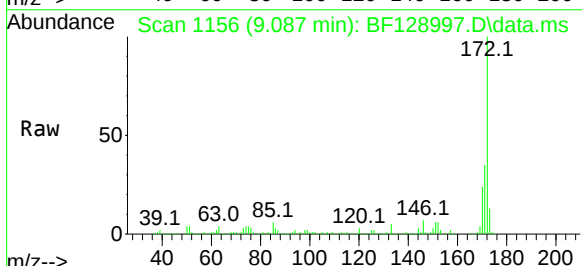
Tgt Ion:172 Resp: 1232584

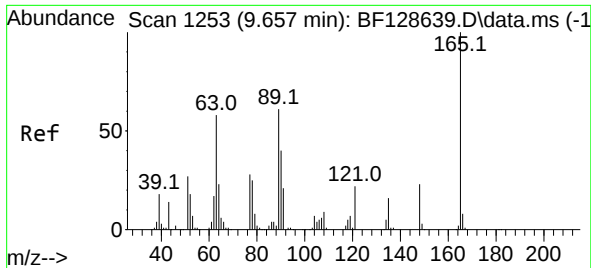
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.9 19.8 29.8

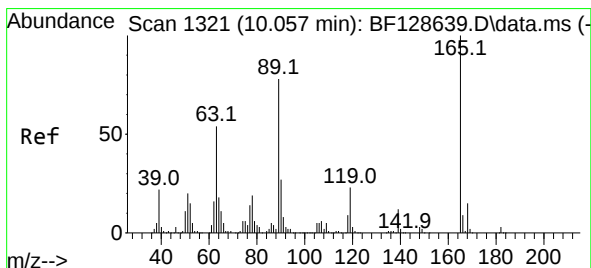
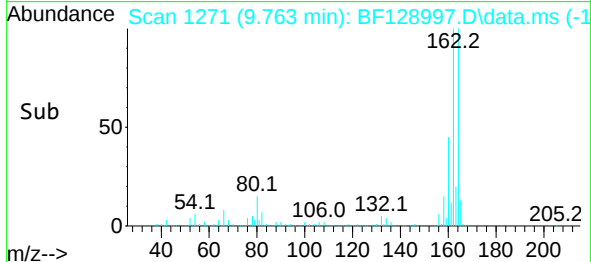
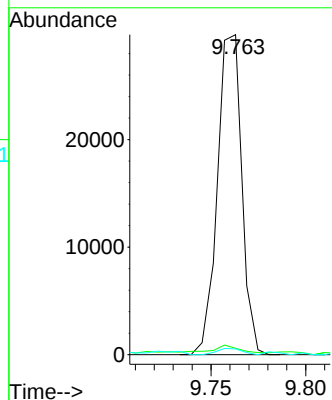
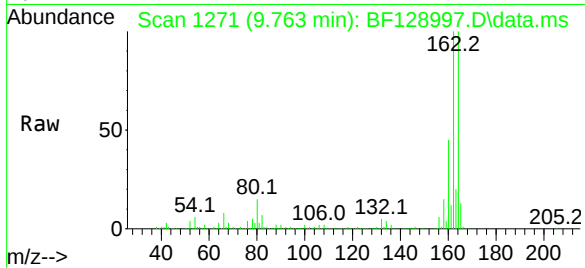




#51
2,6-Dinitrotoluene
Concen: 9.423 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

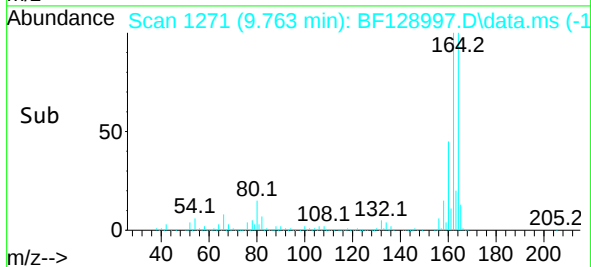
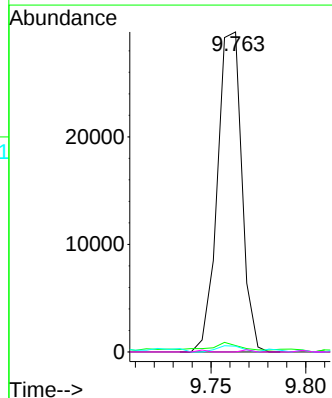
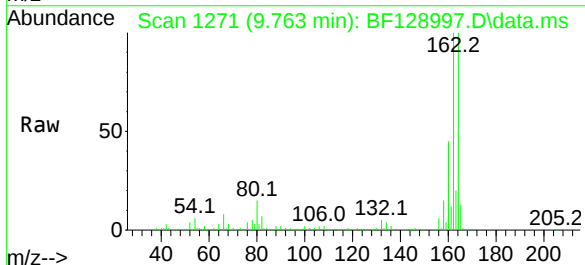
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-N47935

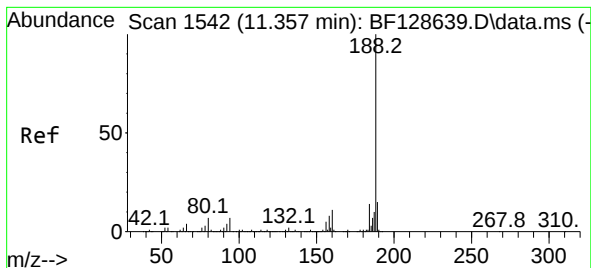
Tgt Ion:165 Resp: 26628
Ion Ratio Lower Upper
165 100
63 2.0 44.9 67.3#
89 1.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.061 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.206 min
Lab File: BF128997.D
Acq: 24 Jun 2022 18:58

Tgt Ion:165 Resp: 26628
Ion Ratio Lower Upper
165 100
63 2.0 39.8 59.6#
89 1.8 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N47935

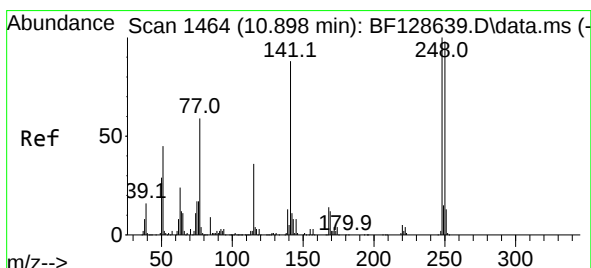
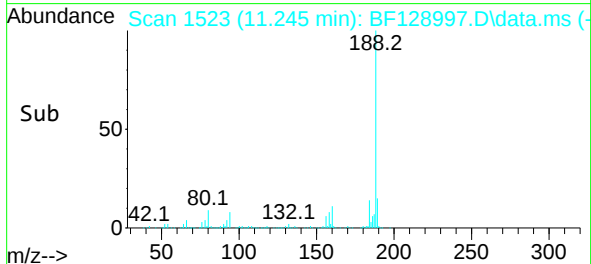
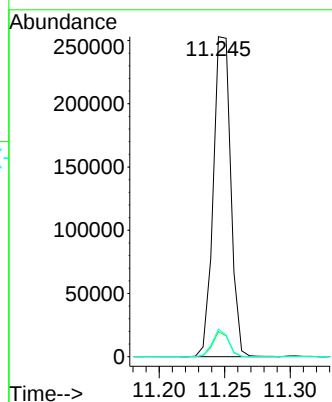
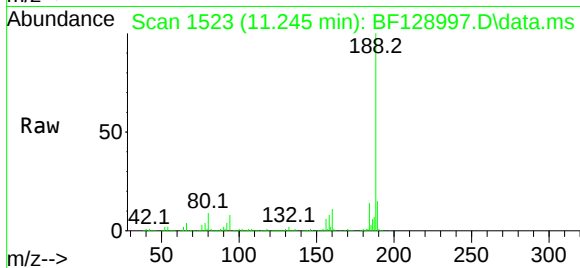
Tgt Ion:188 Resp: 234178

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

80 8.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.594 ng

RT: 10.557 min Scan# 1406

Delta R.T. -0.241 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

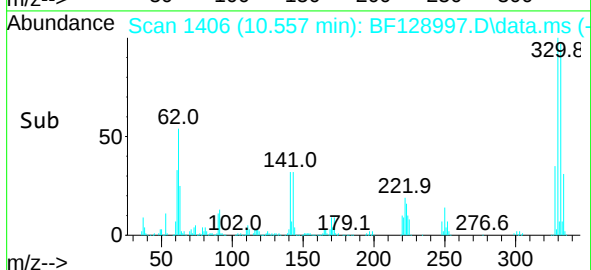
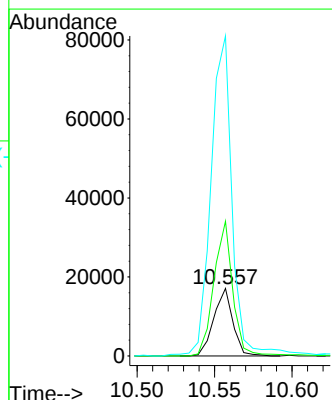
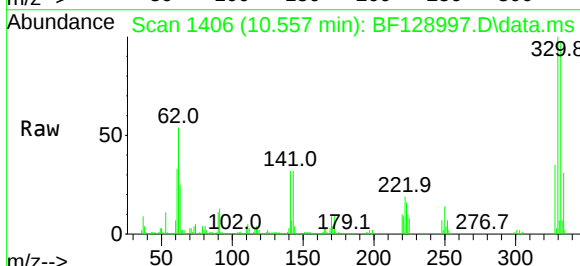
Tgt Ion:248 Resp: 14609

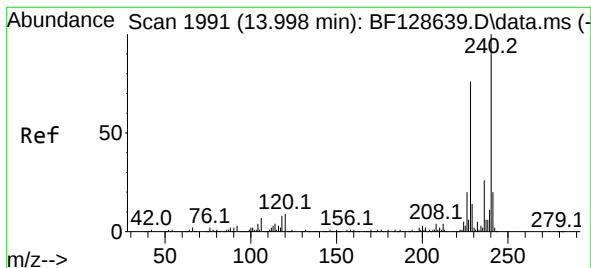
Ion Ratio Lower Upper

248 100

250 199.7 80.6 120.8#

141 474.3 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N47935

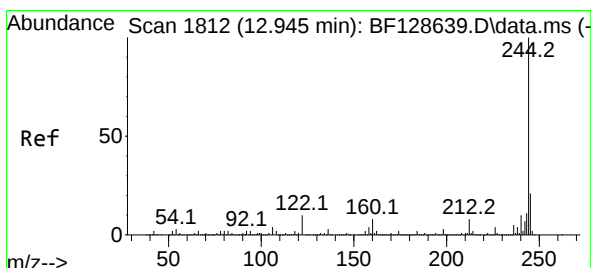
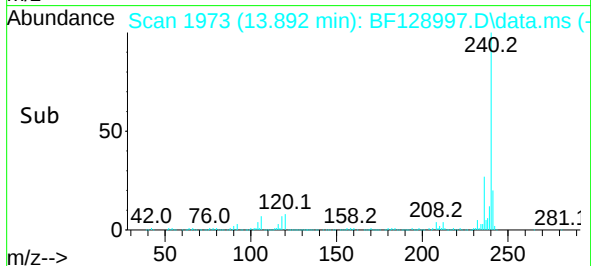
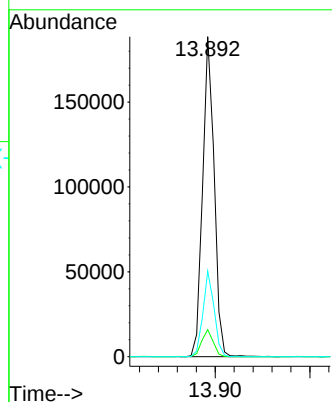
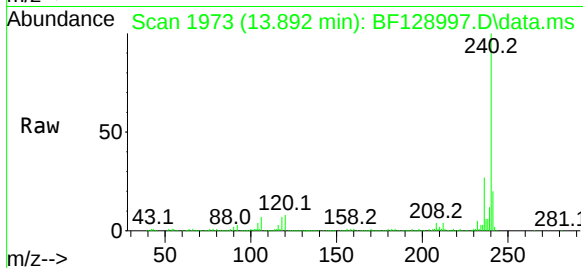
Tgt Ion:240 Resp: 160204

Ion Ratio Lower Upper

240 100

120 8.4 8.9 13.3#

236 26.7 20.8 31.2



#79

Terphenyl-d14

Concen: 75.305 ng

RT: 12.839 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF128997.D

Acq: 24 Jun 2022 18:58

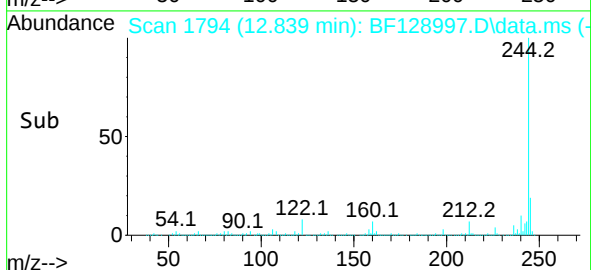
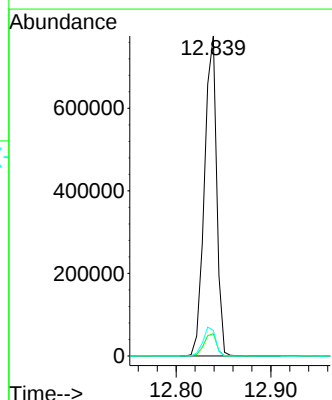
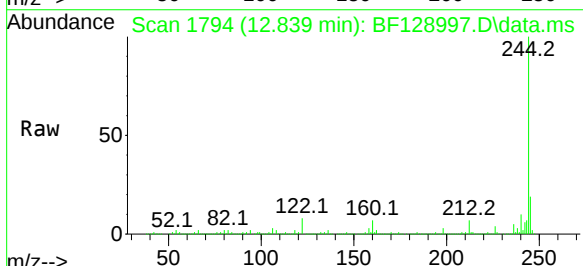
Tgt Ion:244 Resp: 694288

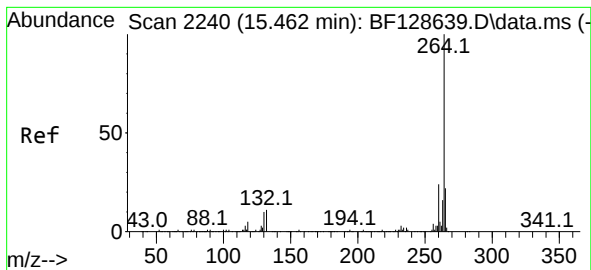
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 8.0 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF128997.D
 Acq: 24 Jun 2022 18:58

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-N47935

Tgt Ion:264 Resp: 145246
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 20.3 17.2 25.8

