

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128439.D
 Acq On : 24 May 2022 17:15
 Operator : CG\JU
 Sample : N2874-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS002-2430-01

Quant Time: May 25 03:55:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

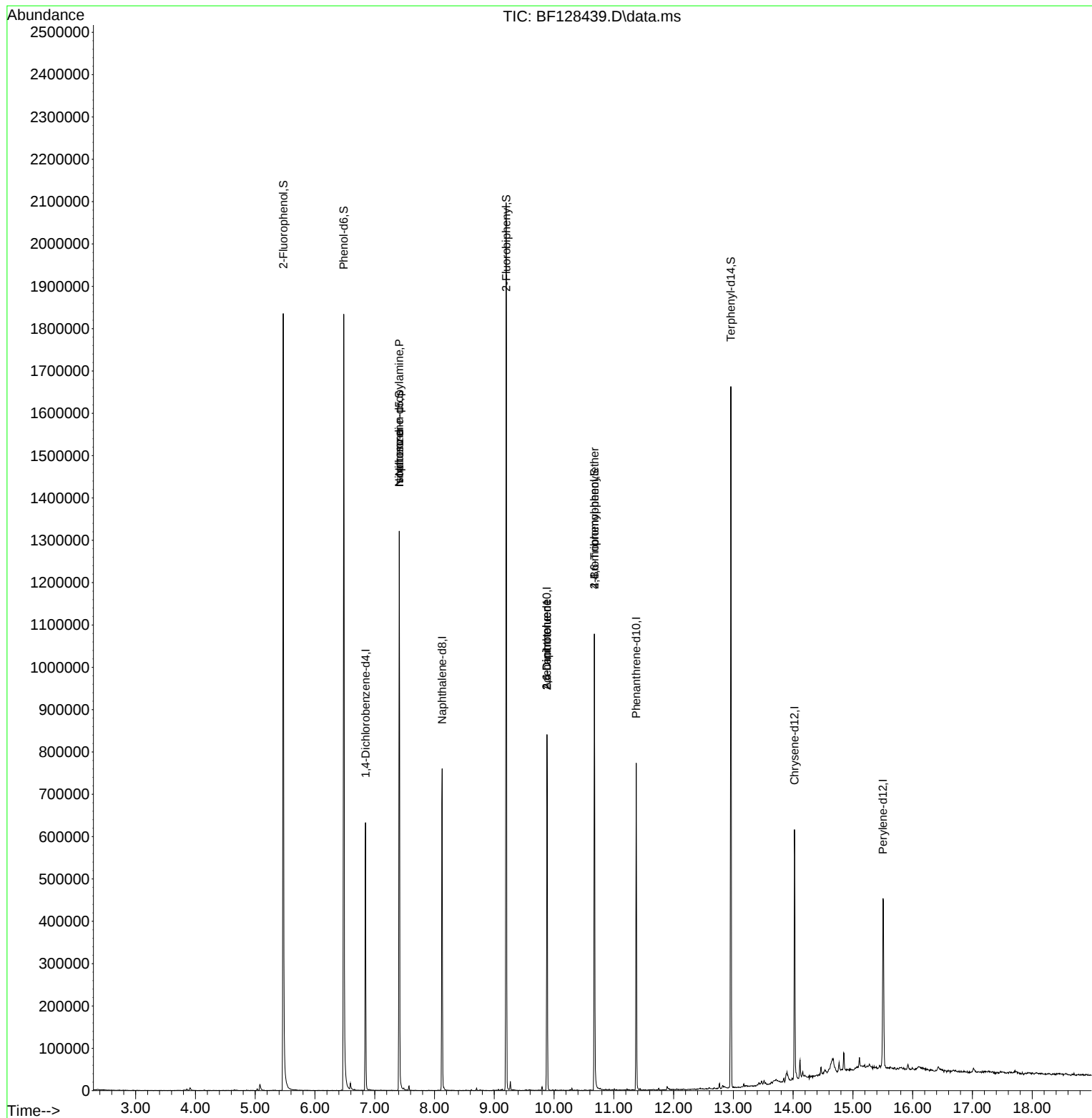
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89167	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329654	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	169768	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	257910	20.000	ng	0.00
76) Chrysene-d12	14.021	240	204379	20.000	ng	#-0.01
86) Perylene-d12	15.504	264	192071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	482867	86.178	ng	0.00
7) Phenol-d6	6.481	99	608270	82.442	ng	-0.01
23) Nitrobenzene-d5	7.410	82	422728	57.455	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	120836	69.017	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	626657	60.364	ng	0.00
79) Terphenyl-d14	12.957	244	531413	50.193	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1125	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	55660	12.614	ng	# 80
25) Isophorone	7.410	82	422723	37.492	ng	# 68
51) 2,6-Dinitrotoluene	9.881	165	21927	9.271	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	21927	7.358	ng	# 26
67) 4-Bromophenyl-phenylether	10.675	248	7733	2.865	ng	# 1

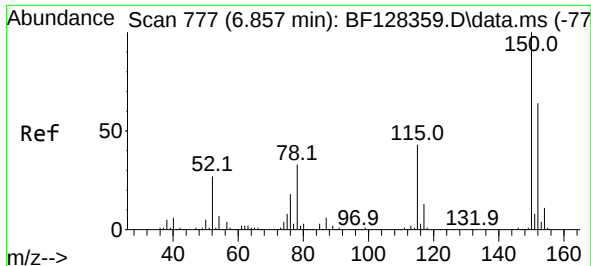
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
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P007-SS002-2430-01

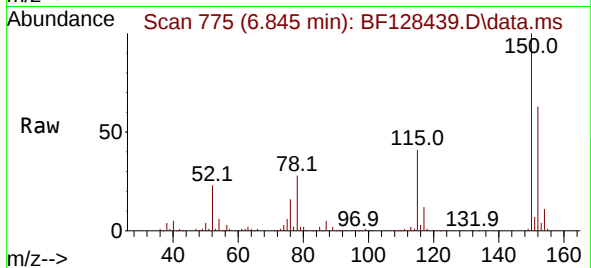
Quant Time: May 25 03:55:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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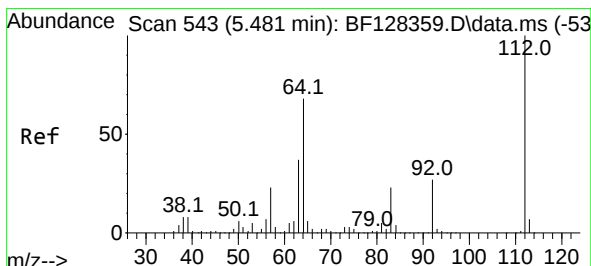
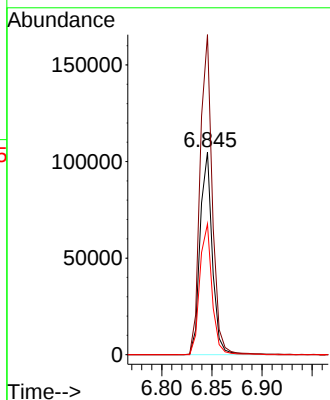
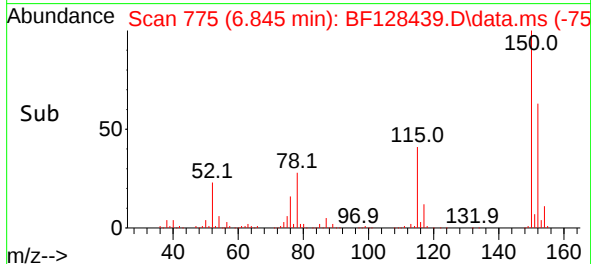


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

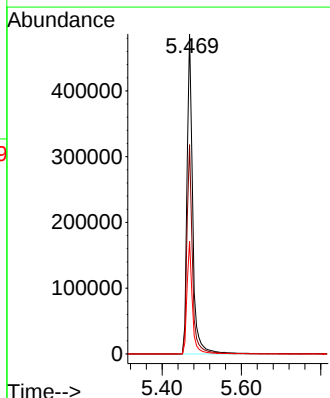
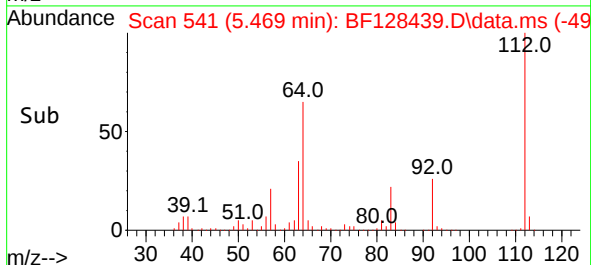
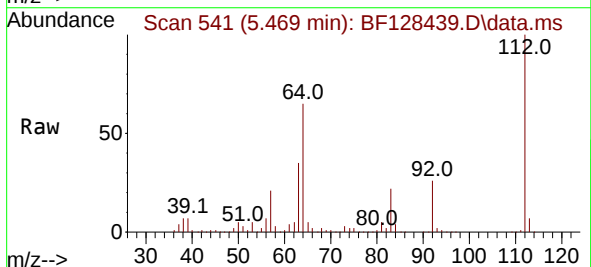


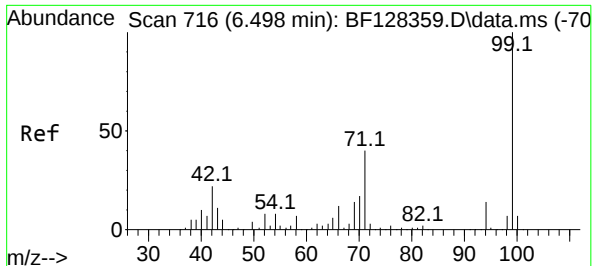
Tgt Ion:152 Resp: 89167
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 64.5 48.8 73.2



#5
2-Fluorophenol
Concen: 86.178 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion:112 Resp: 482867
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.3 26.3 39.5

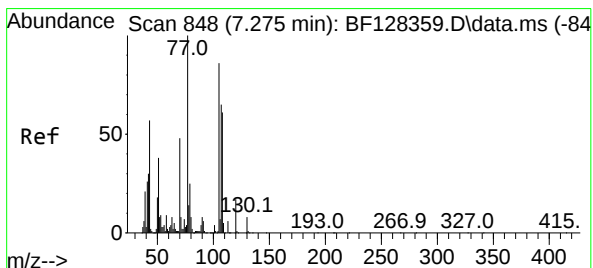
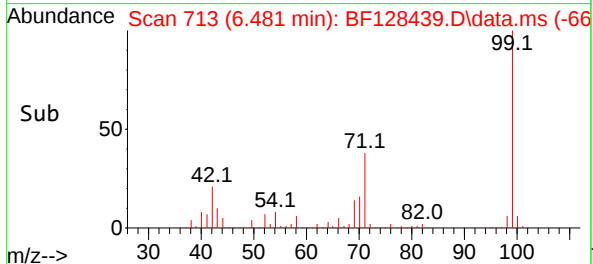
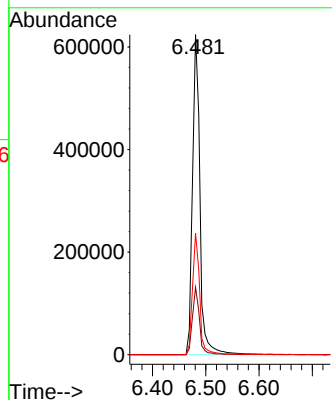
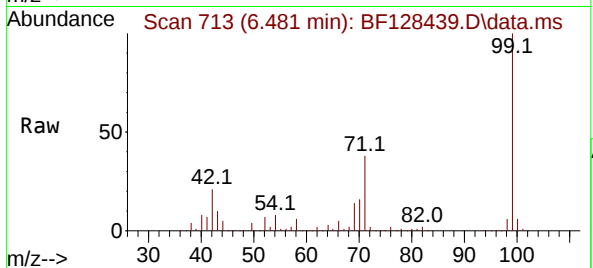




#7
Phenol-d6
Concen: 82.442 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

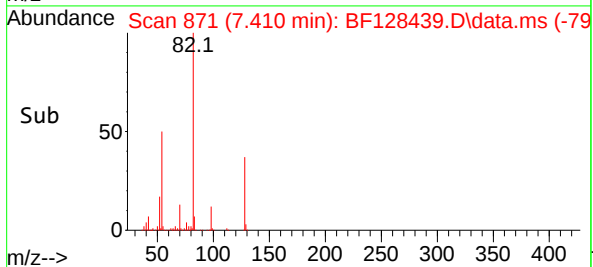
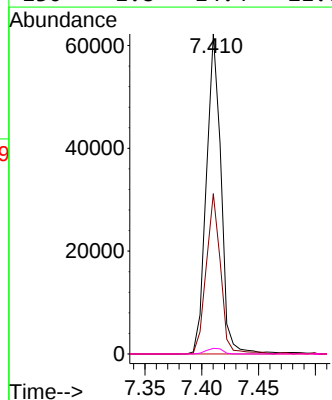
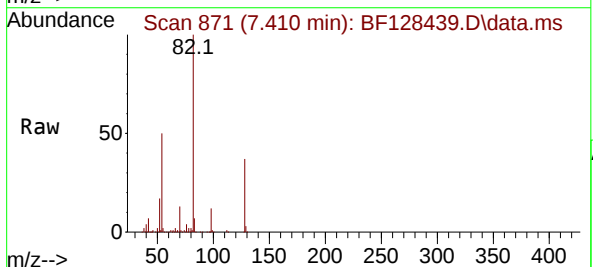
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

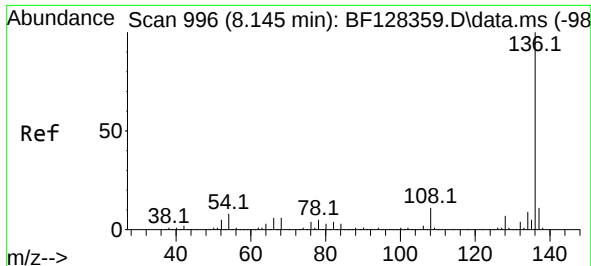
Tgt Ion: 99 Resp: 608270
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.614 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion: 70 Resp: 55660
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

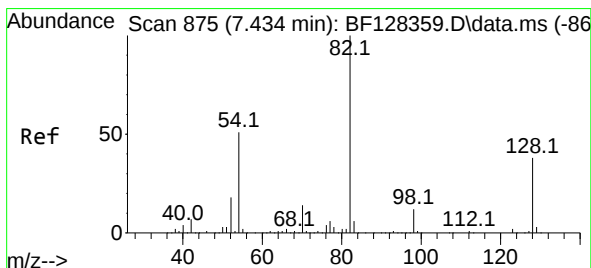
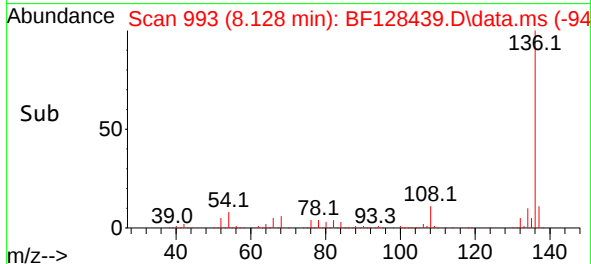
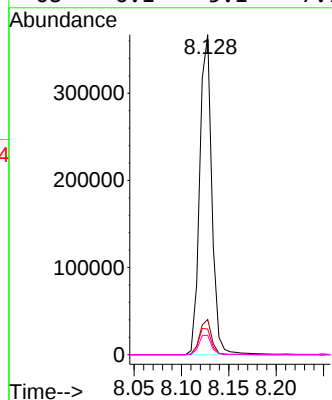
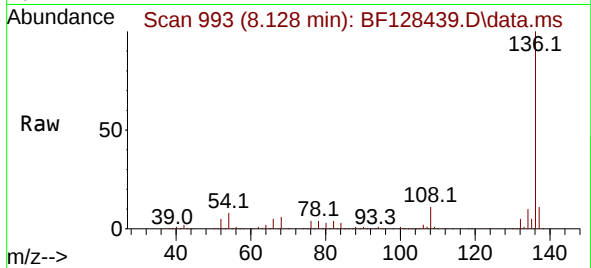




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

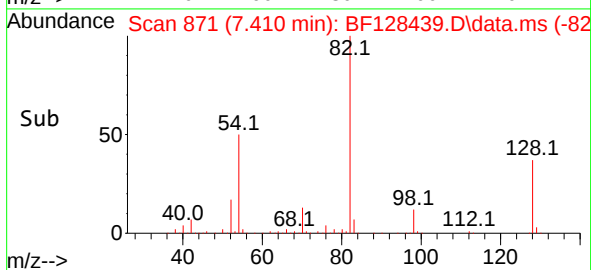
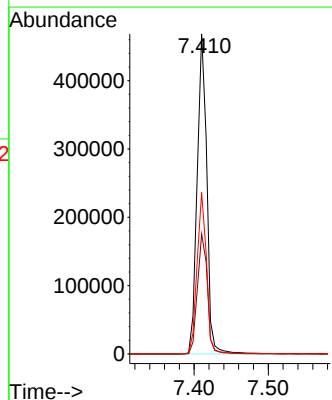
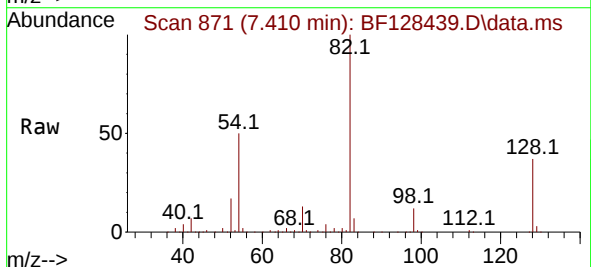
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

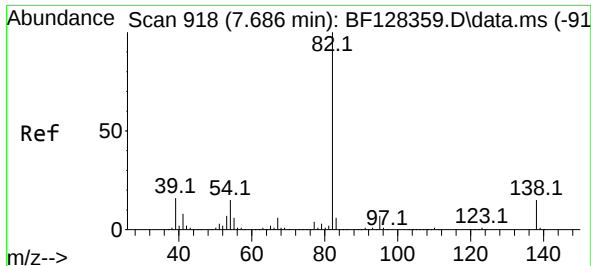
Tgt Ion:	136	Resp:	329654
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.0	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 57.455 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion:	82	Resp:	422728
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.0	45.0
54	50.4	41.3	61.9

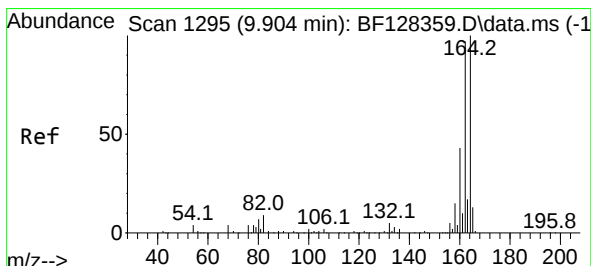
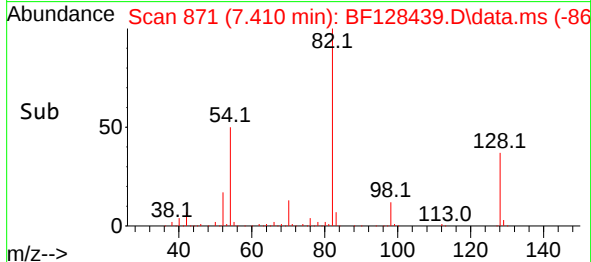
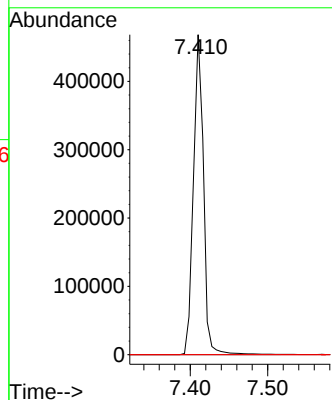
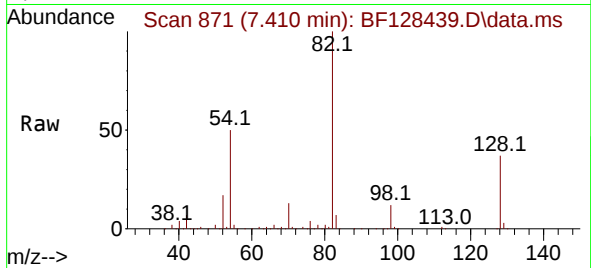




#25
Isophorone
Concen: 37.492 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

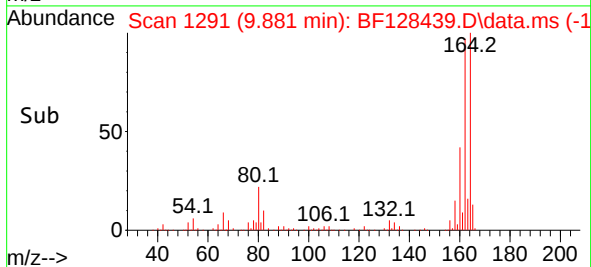
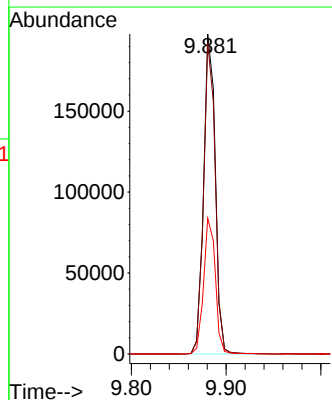
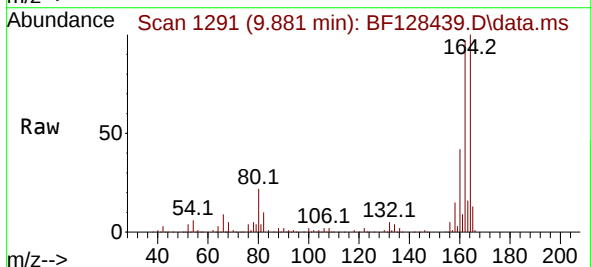
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

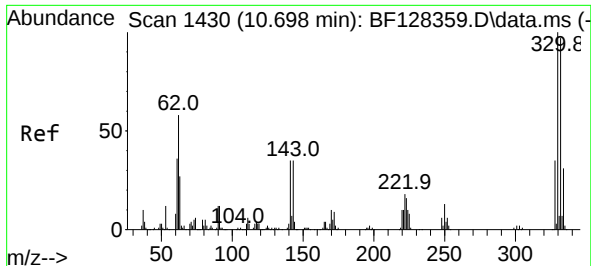
Tgt Ion: 82 Resp: 422723
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion: 164 Resp: 169768
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 69.017 ng

RT: 10.675 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128439.D

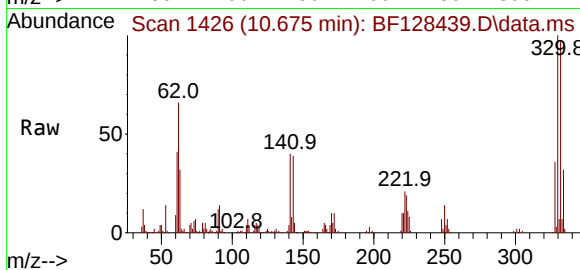
Acq: 24 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

P007-SS002-2430-01



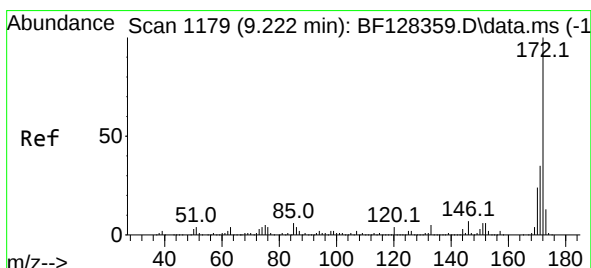
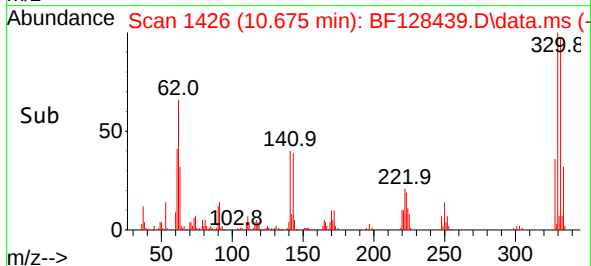
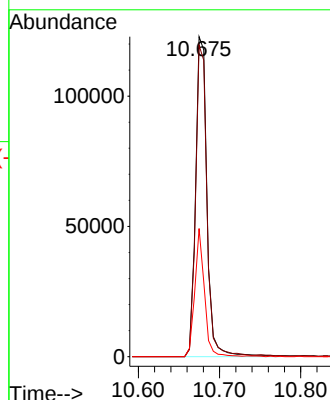
Tgt Ion:330 Resp: 120836

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 60.364 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128439.D

Acq: 24 May 2022 17:15

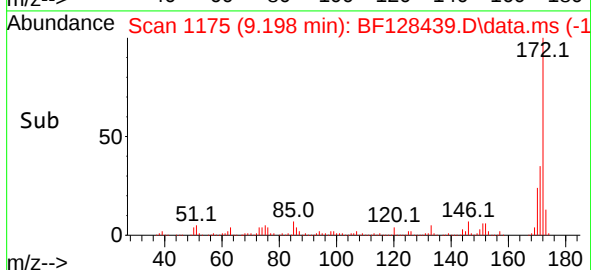
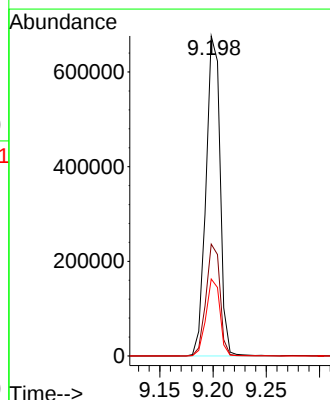
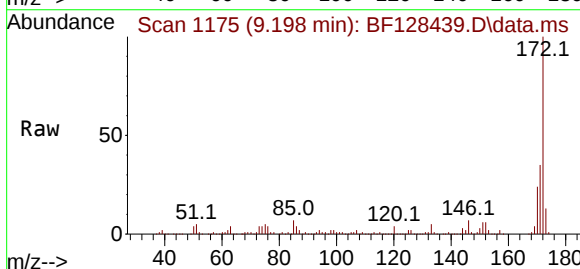
Tgt Ion:172 Resp: 626657

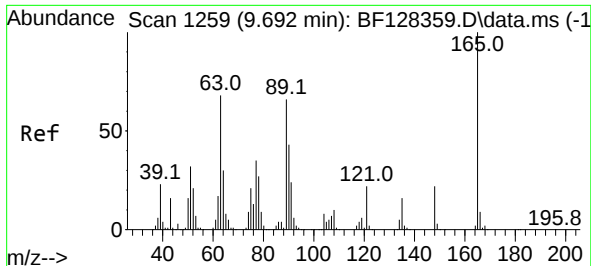
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.271 ng

RT: 9.881 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128439.D

Acq: 24 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

P007-SS002-2430-01

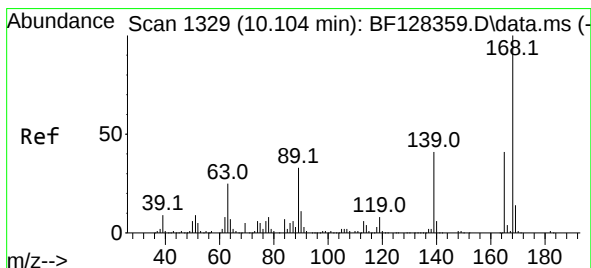
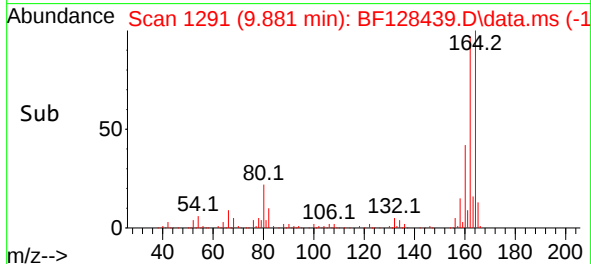
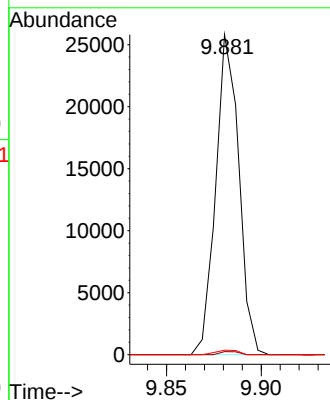
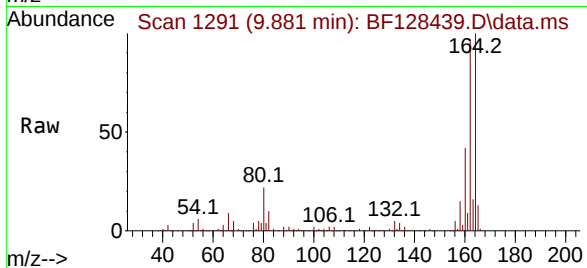
Tgt Ion:165 Resp: 21927

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.358 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.212 min

Lab File: BF128439.D

Acq: 24 May 2022 17:15

Tgt Ion:165 Resp: 21927

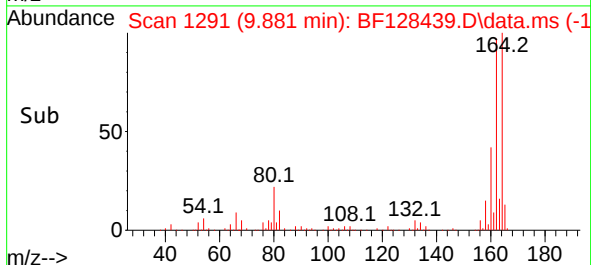
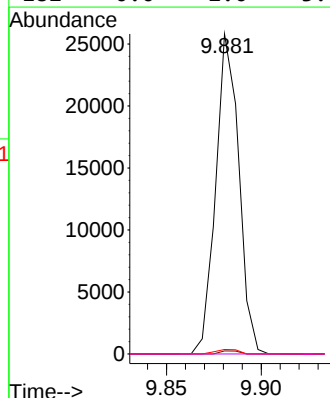
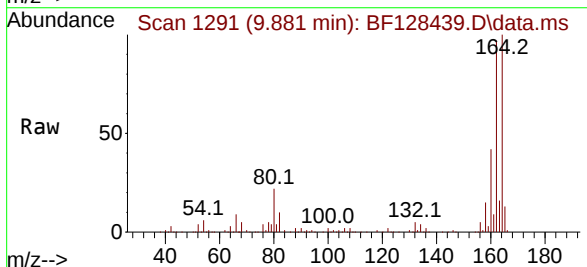
Ion Ratio Lower Upper

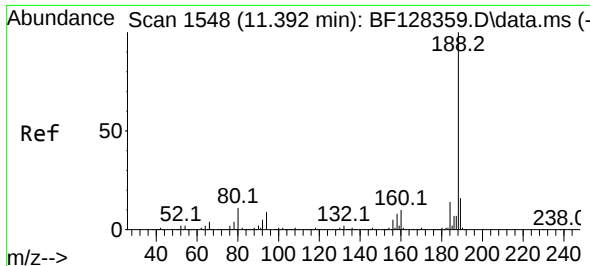
165 100

63 1.0 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

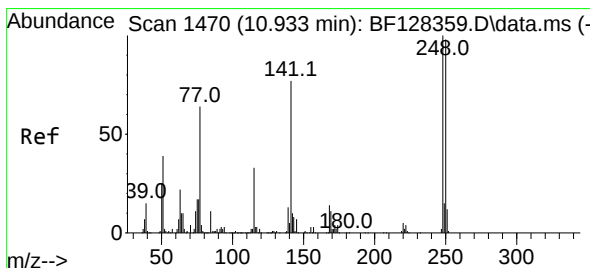
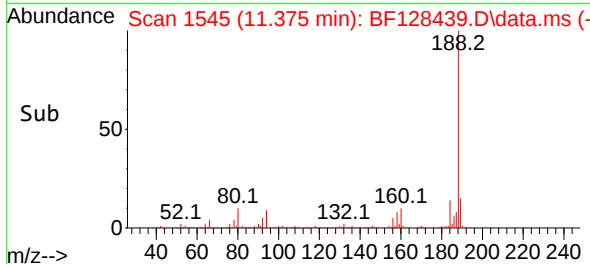
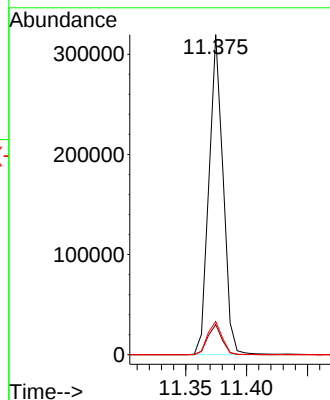
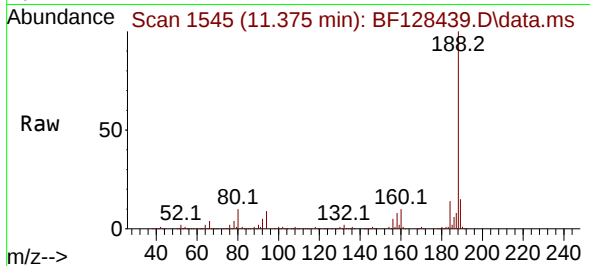




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

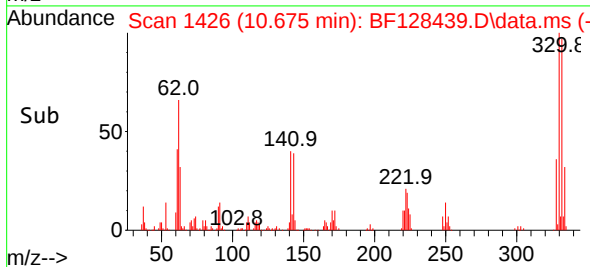
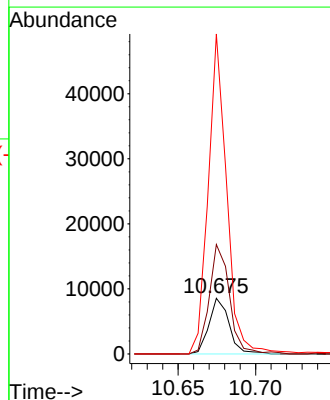
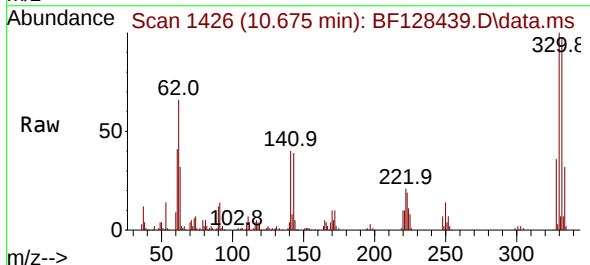
Instrument :
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P007-SS002-2430-01

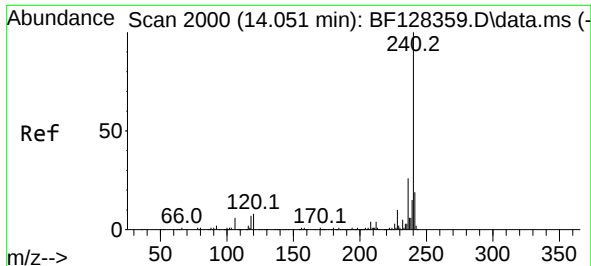
Tgt Ion:188 Resp: 257910
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.241 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion:248 Resp: 7733
Ion Ratio Lower Upper
248 100
250 196.2 77.7 116.5#
141 573.9 65.6 98.4#

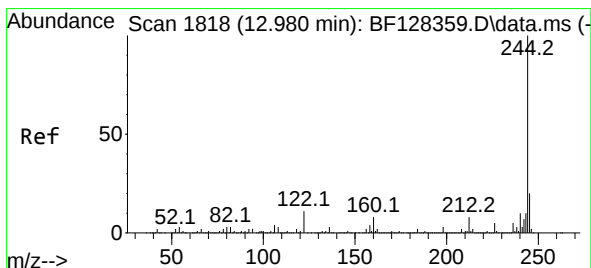
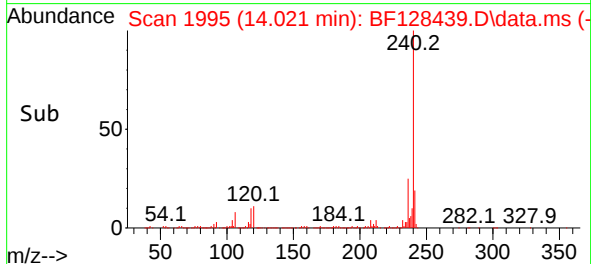
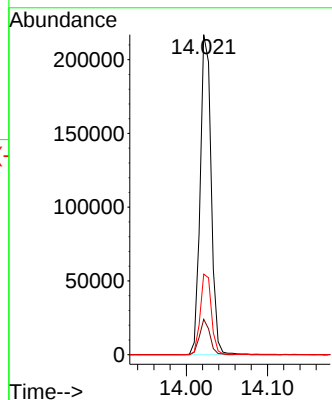
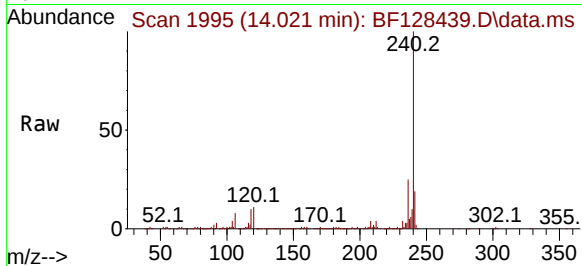




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

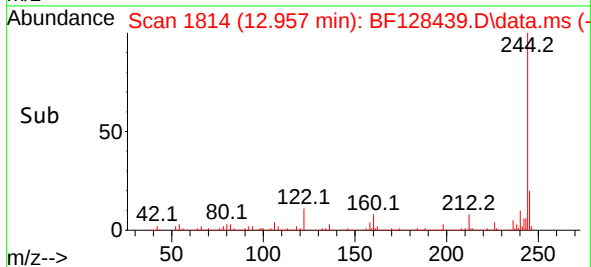
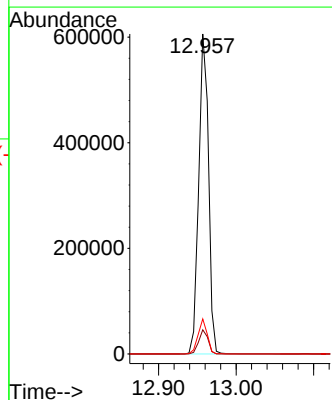
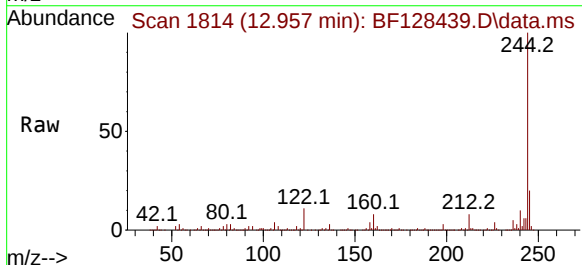
Instrument :
BNA_F
ClientSampleId :
P007-SS002-2430-01

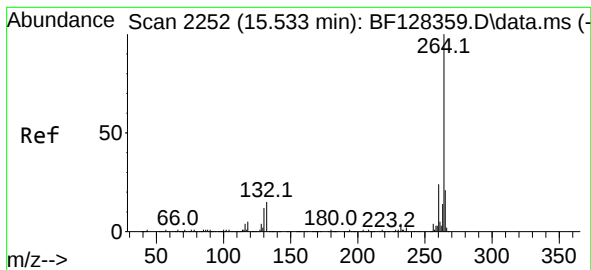
Tgt Ion:240 Resp: 204379
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 50.193 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128439.D
Acq: 24 May 2022 17:15

Tgt Ion:244 Resp: 531413
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 11.0 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128439.D

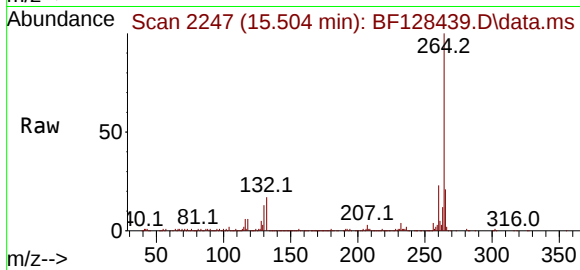
Acq: 24 May 2022 17:15

Instrument :

BNA_F

ClientSampleId :

P007-SS002-2430-01



Tgt Ion:264 Resp: 192071

Ion Ratio Lower Upper

264 100

260 23.0 20.1 30.1

265 21.4 17.5 26.3

