

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128705.D
 Acq On : 06 Jun 2022 19:28
 Operator : CG\JU
 Sample : N3186-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2513-2514

Quant Time: Jun 07 02:43:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

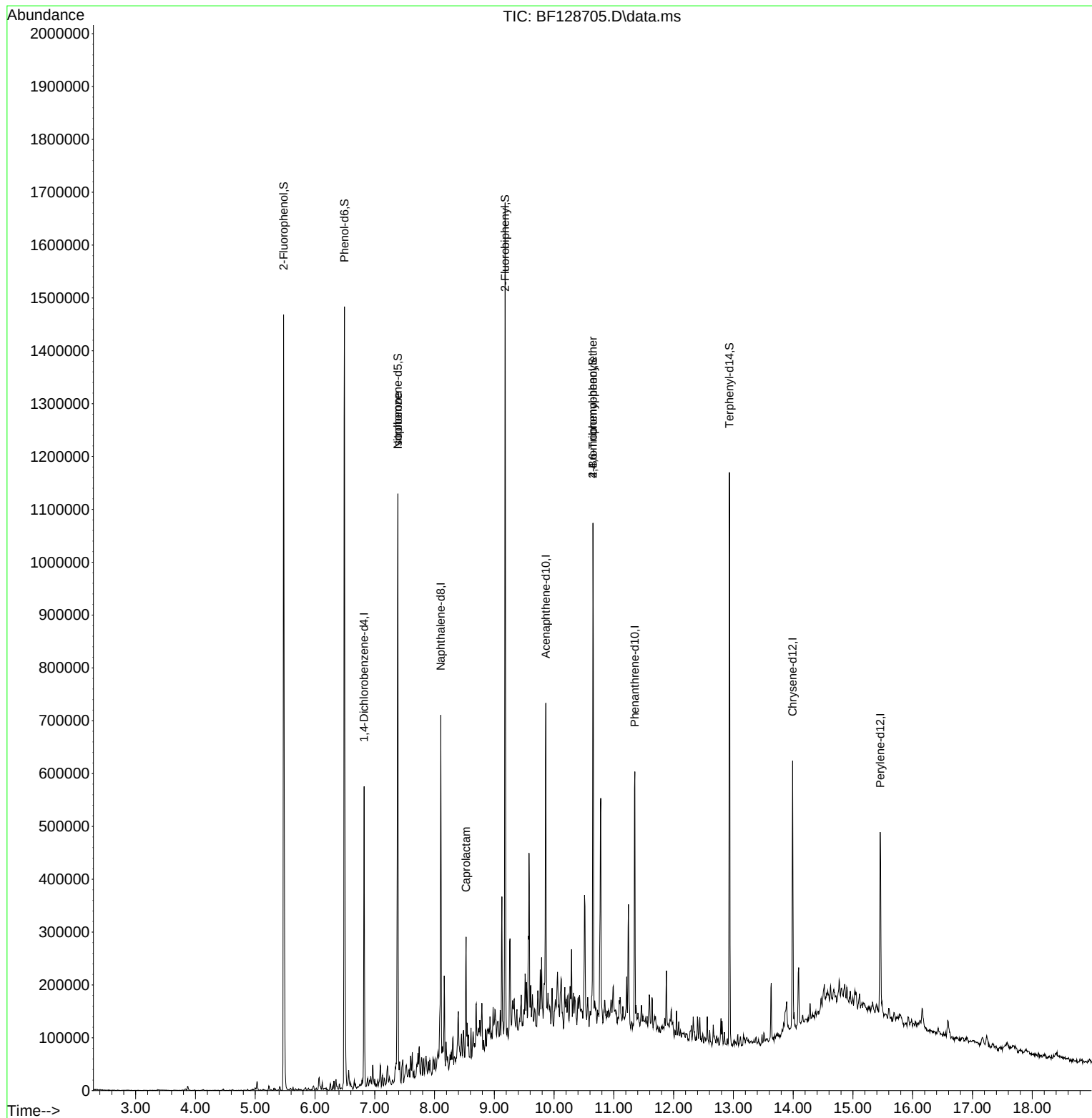
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	65125	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	229160	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	107003	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	172017	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	163358	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	153847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	359181	87.849	ng	0.00
7) Phenol-d6	6.492	99	451145	90.394	ng	0.00
23) Nitrobenzene-d5	7.386	82	314309	63.858	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	95247	75.336	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	419186	54.877	ng	-0.01
79) Terphenyl-d14	12.933	244	348754	37.097	ng	-0.01
Target Compounds						
25) Isophorone	7.386	82	313552	41.945	ng	# 66
35) Caprolactam	8.528	113	4324	4.455	ng	# 15
67) 4-Bromophenyl-phenylether	10.651	248	6355	3.313	ng	# 1

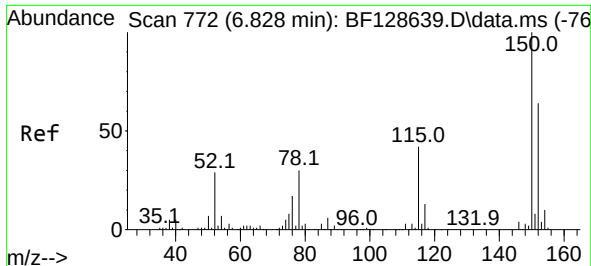
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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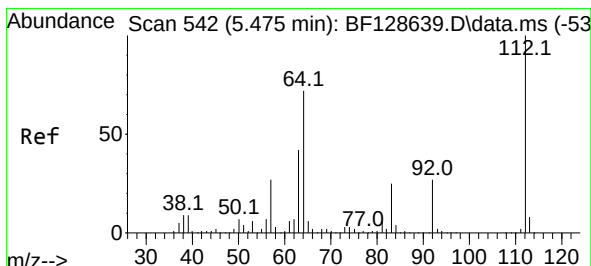
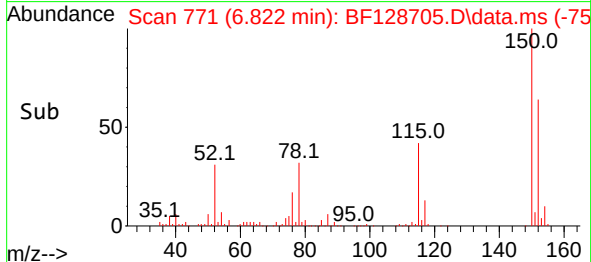
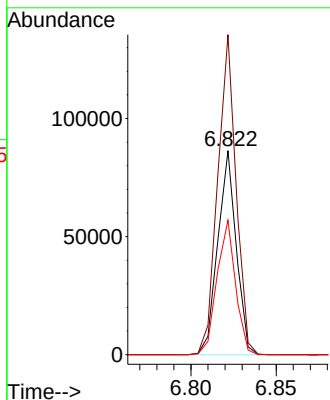
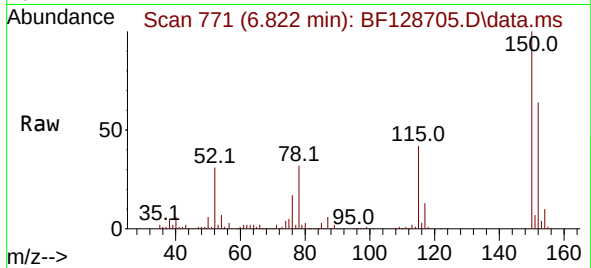




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

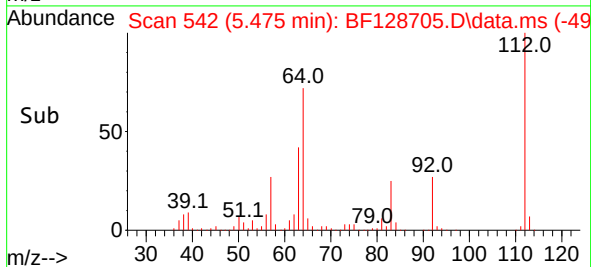
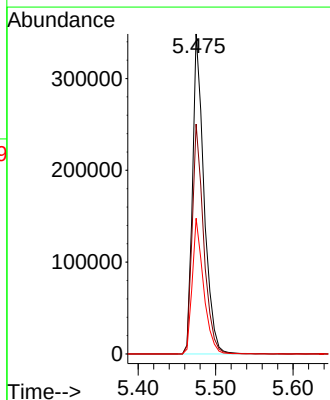
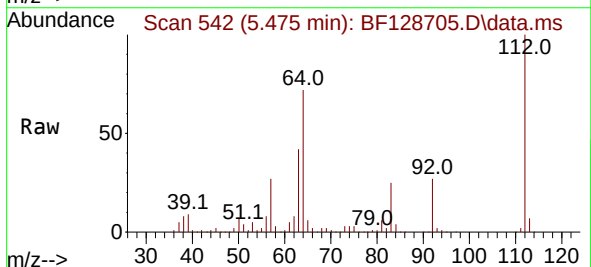
Instrument :
BNA_F
ClientSampleId :
2513-2514

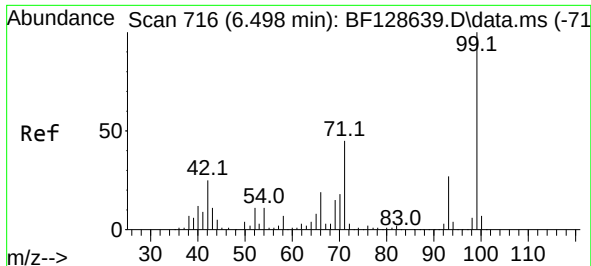
Tgt Ion:152 Resp: 65125
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 65.8 49.9 74.9



#5
2-Fluorophenol
Concen: 87.849 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

Tgt Ion:112 Resp: 359181
Ion Ratio Lower Upper
112 100
64 71.8 53.3 79.9
63 42.4 28.0 42.0#

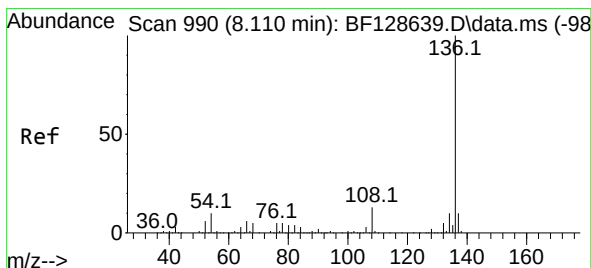
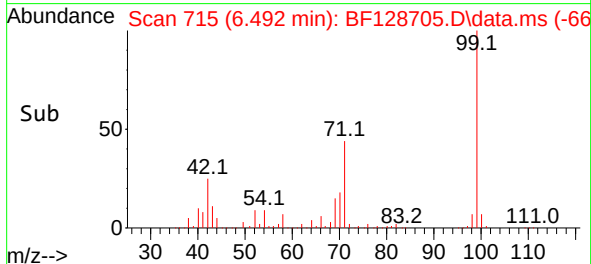
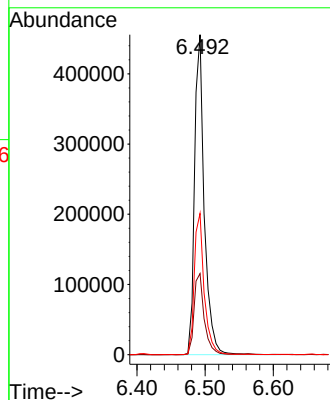
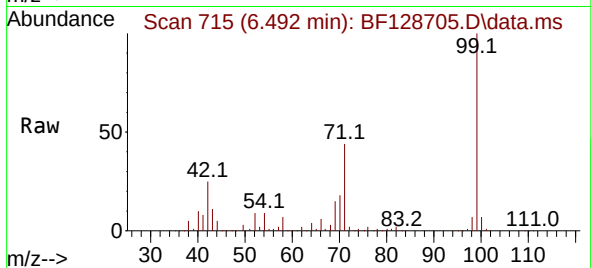




#7
Phenol-d6
Concen: 90.394 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

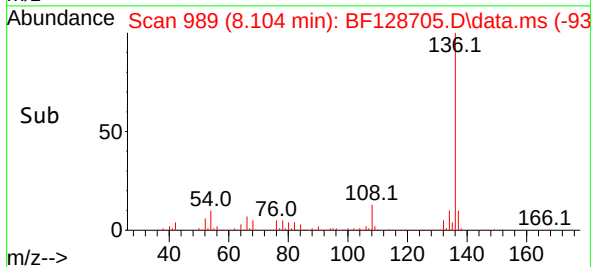
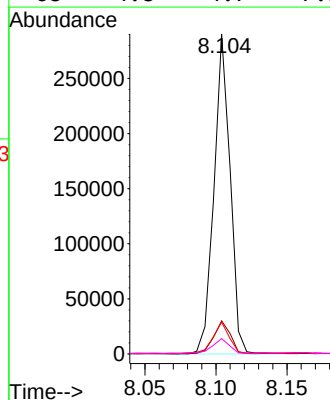
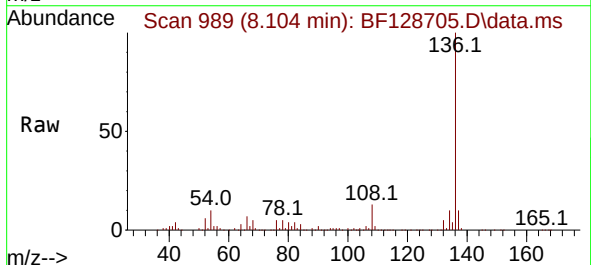
Instrument :
BNA_F
ClientSampleId :
2513-2514

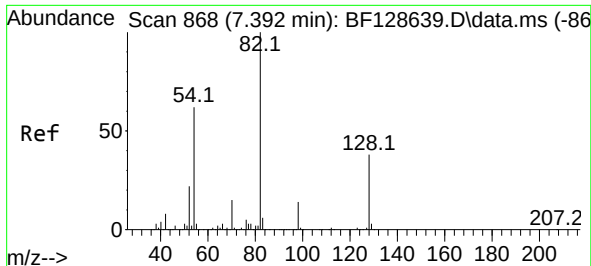
Tgt Ion: 99 Resp: 451145
Ion Ratio Lower Upper
99 100
42 25.4 17.3 25.9
71 44.2 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

Tgt Ion:136 Resp: 229160
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.9 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 63.858 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF128705.D

Acq: 06 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

2513-2514

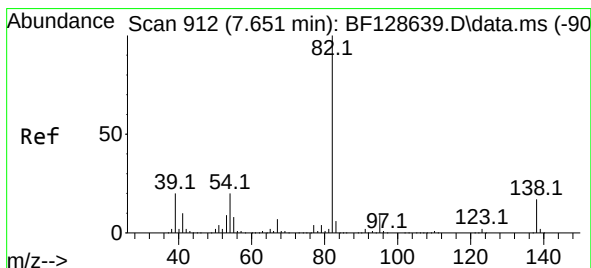
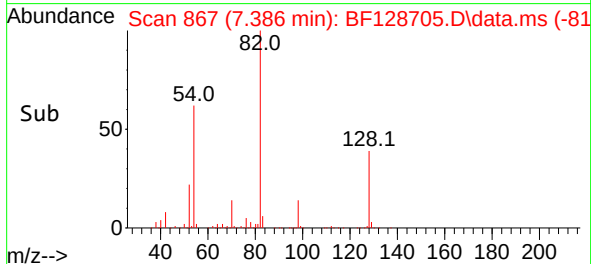
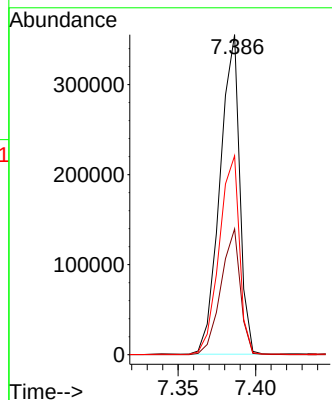
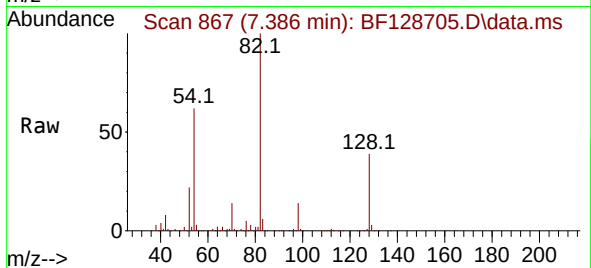
Tgt Ion: 82 Resp: 314309

Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

54 62.1 46.9 70.3



#25

Isophorone

Concen: 41.945 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.265 min

Lab File: BF128705.D

Acq: 06 Jun 2022 19:28

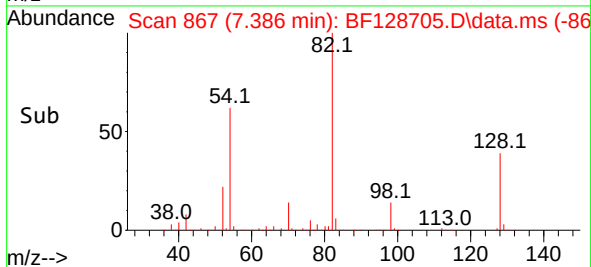
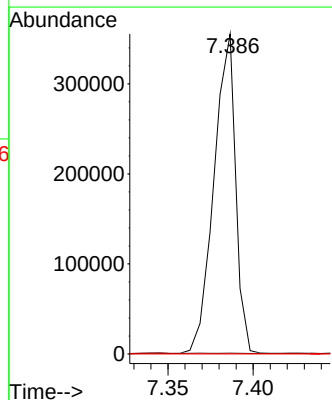
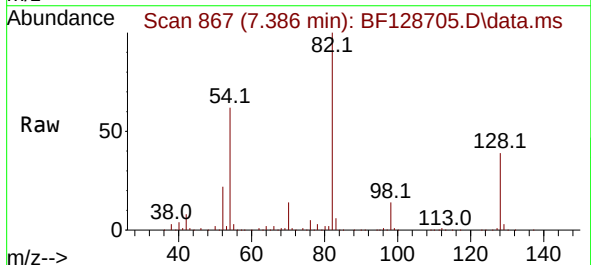
Tgt Ion: 82 Resp: 313552

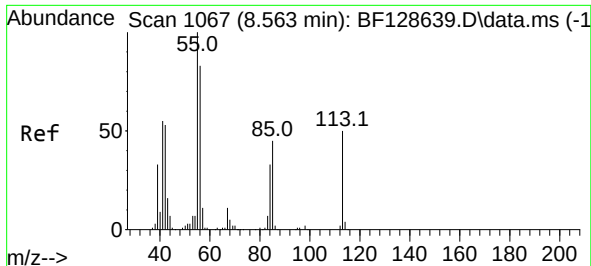
Ion Ratio Lower Upper

82 100

95 0.2 5.7 8.5#

138 0.0 14.2 21.2#

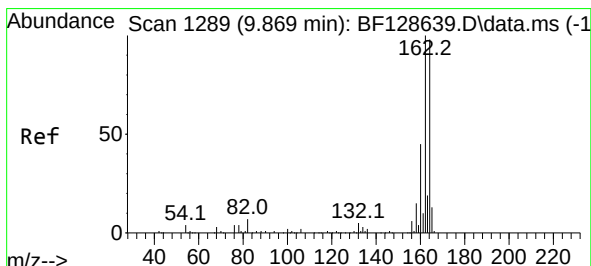
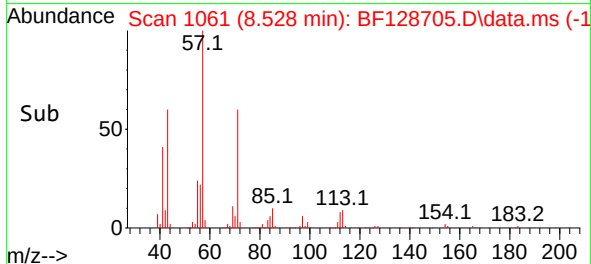
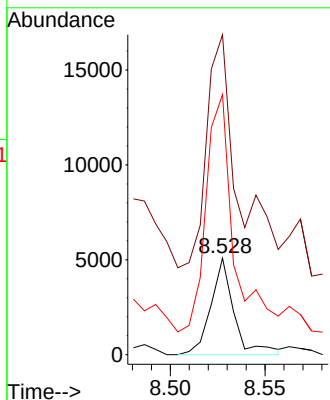
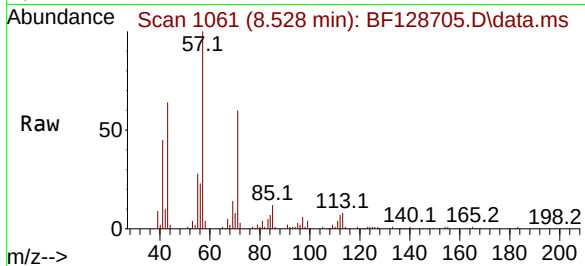




#35
 Caprolactam
 Concen: 4.455 ng
 RT: 8.528 min Scan# 1061
 Delta R.T. -0.035 min
 Lab File: BF128705.D
 Acq: 06 Jun 2022 19:28

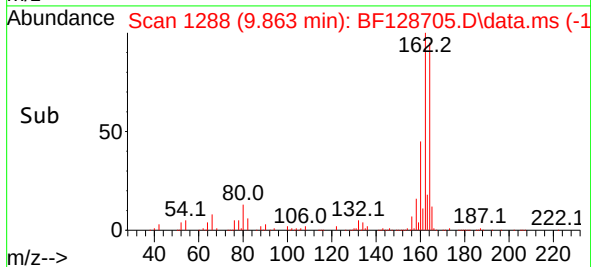
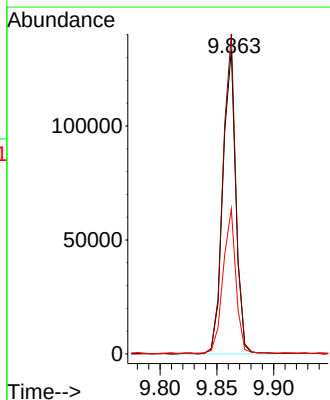
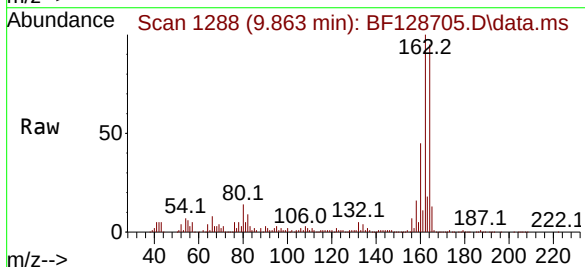
Instrument :
 BNA_F
 ClientSampleId :
 2513-2514

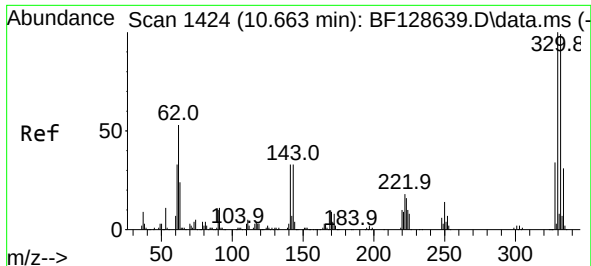
Tgt Ion:113 Resp: 4324
 Ion Ratio Lower Upper
 113 100
 55 331.6 188.5 228.5#
 56 269.7 130.6 170.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.863 min Scan# 1288
 Delta R.T. -0.006 min
 Lab File: BF128705.D
 Acq: 06 Jun 2022 19:28

Tgt Ion:164 Resp: 107003
 Ion Ratio Lower Upper
 164 100
 162 105.2 79.5 119.3
 160 47.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 75.336 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128705.D

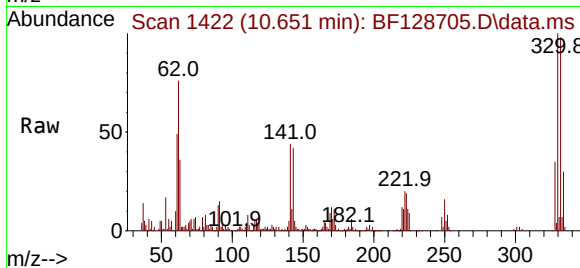
Acq: 06 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

2513-2514



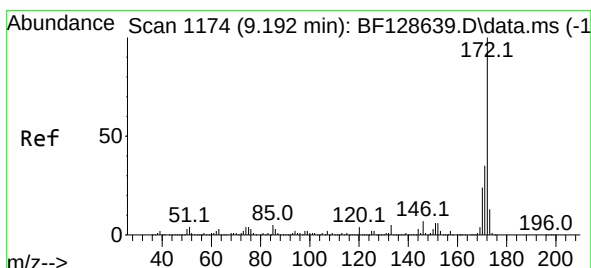
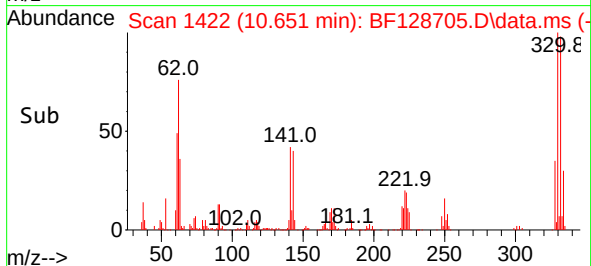
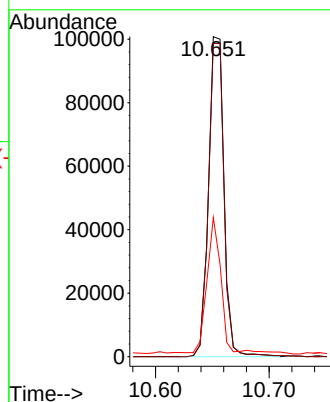
Tgt Ion:330 Resp: 95247

Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 36.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 54.877 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BF128705.D

Acq: 06 Jun 2022 19:28

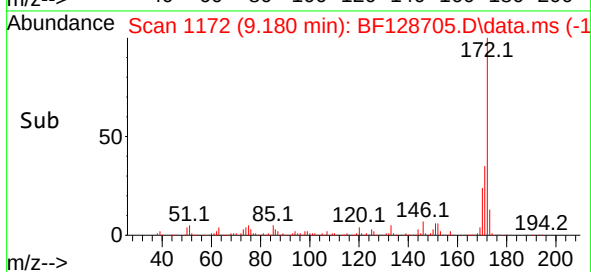
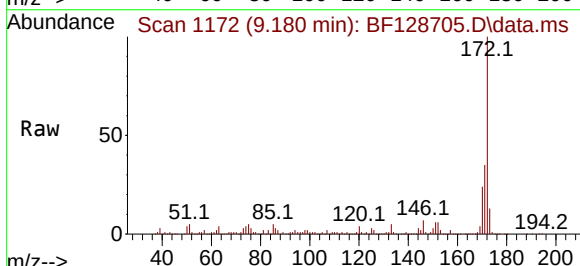
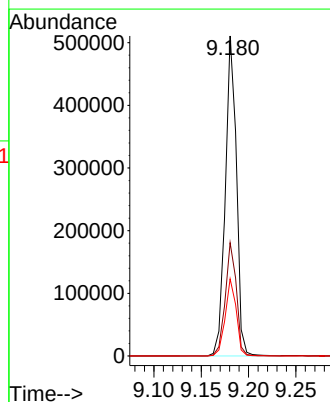
Tgt Ion:172 Resp: 419186

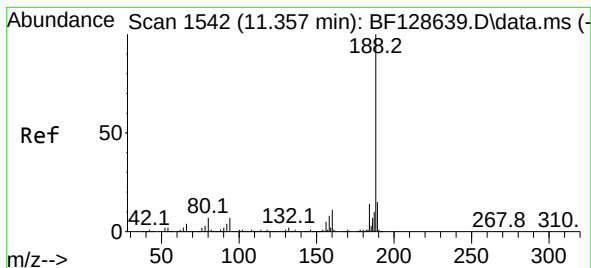
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.1 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128705.D

Acq: 06 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

2513-2514

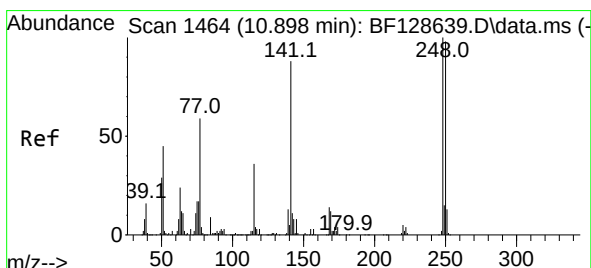
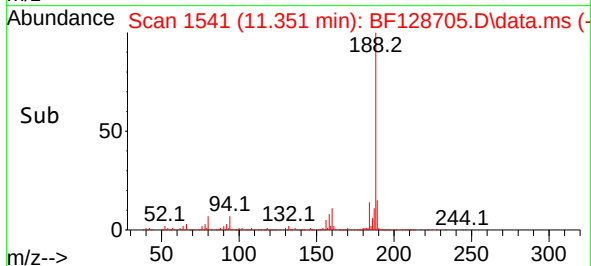
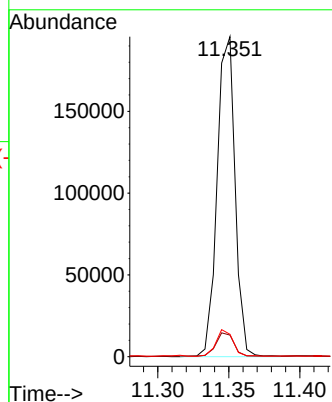
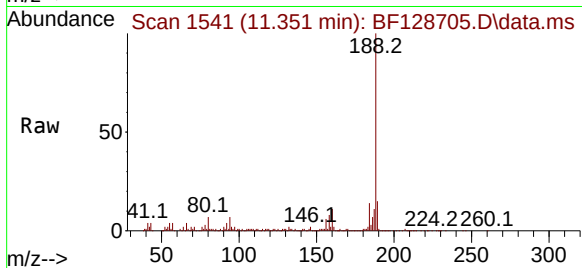
Tgt Ion:188 Resp: 172017

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 7.0 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.313 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.247 min

Lab File: BF128705.D

Acq: 06 Jun 2022 19:28

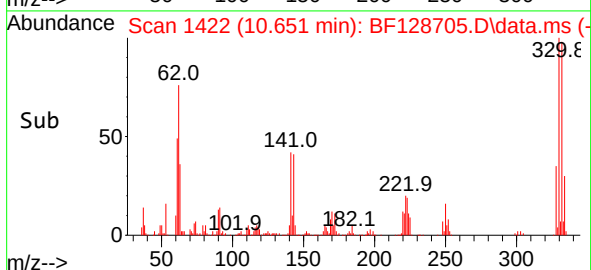
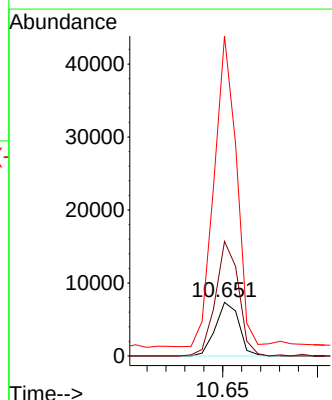
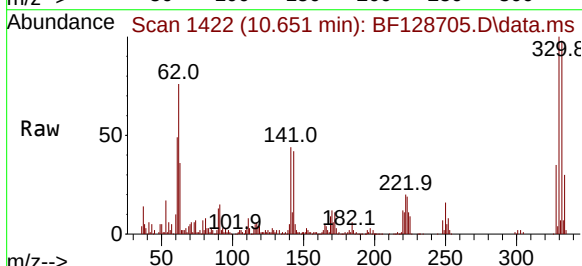
Tgt Ion:248 Resp: 6355

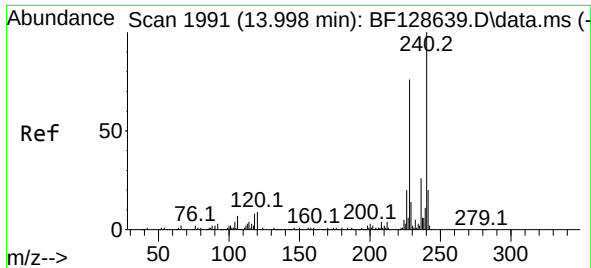
Ion Ratio Lower Upper

248 100

250 213.7 80.6 120.8#

141 596.5 58.9 88.3#

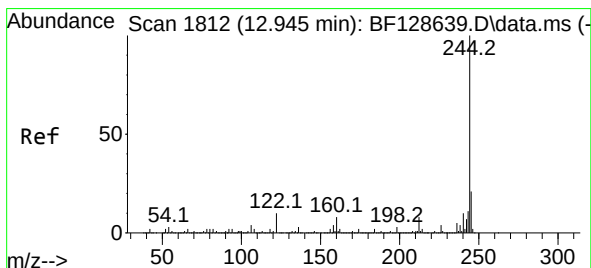
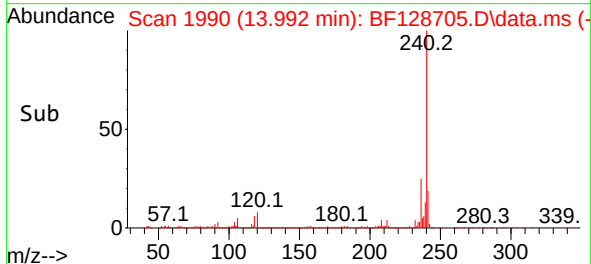
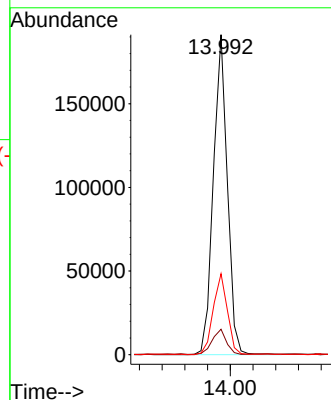
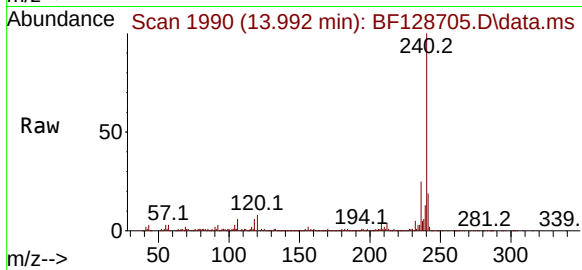




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

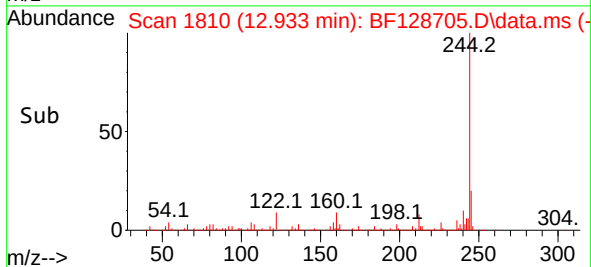
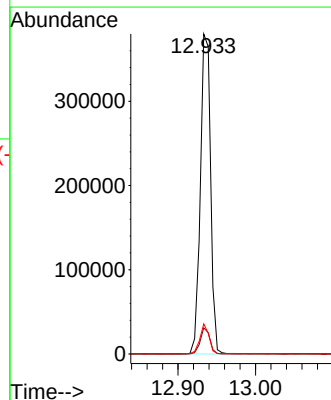
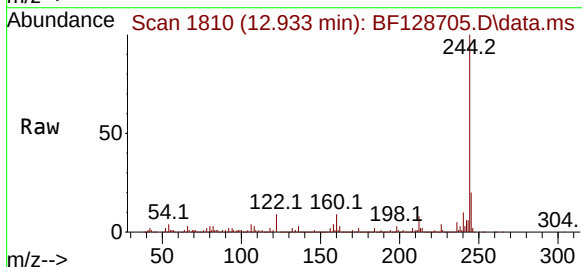
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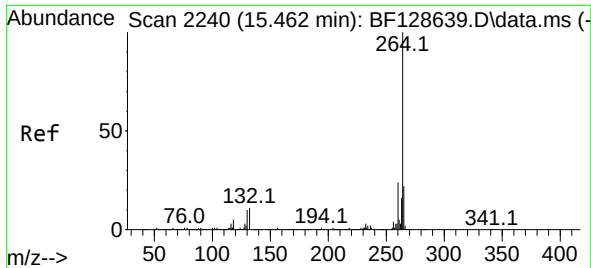
Tgt Ion:240 Resp: 163358
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 37.097 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

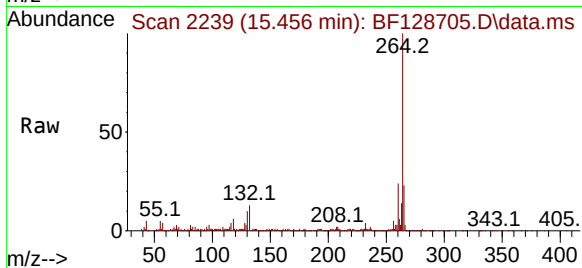
Tgt Ion:244 Resp: 348754
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 9.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128705.D
Acq: 06 Jun 2022 19:28

Instrument :
BNA_F
ClientSampleId :
2513-2514



Tgt Ion:264 Resp: 153847

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.6	17.2	25.8

