

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128016.D
 Acq On : 02 May 2022 10:24
 Operator : CG\JU
 Sample : PB144493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144493BL

Quant Time: May 02 14:36:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

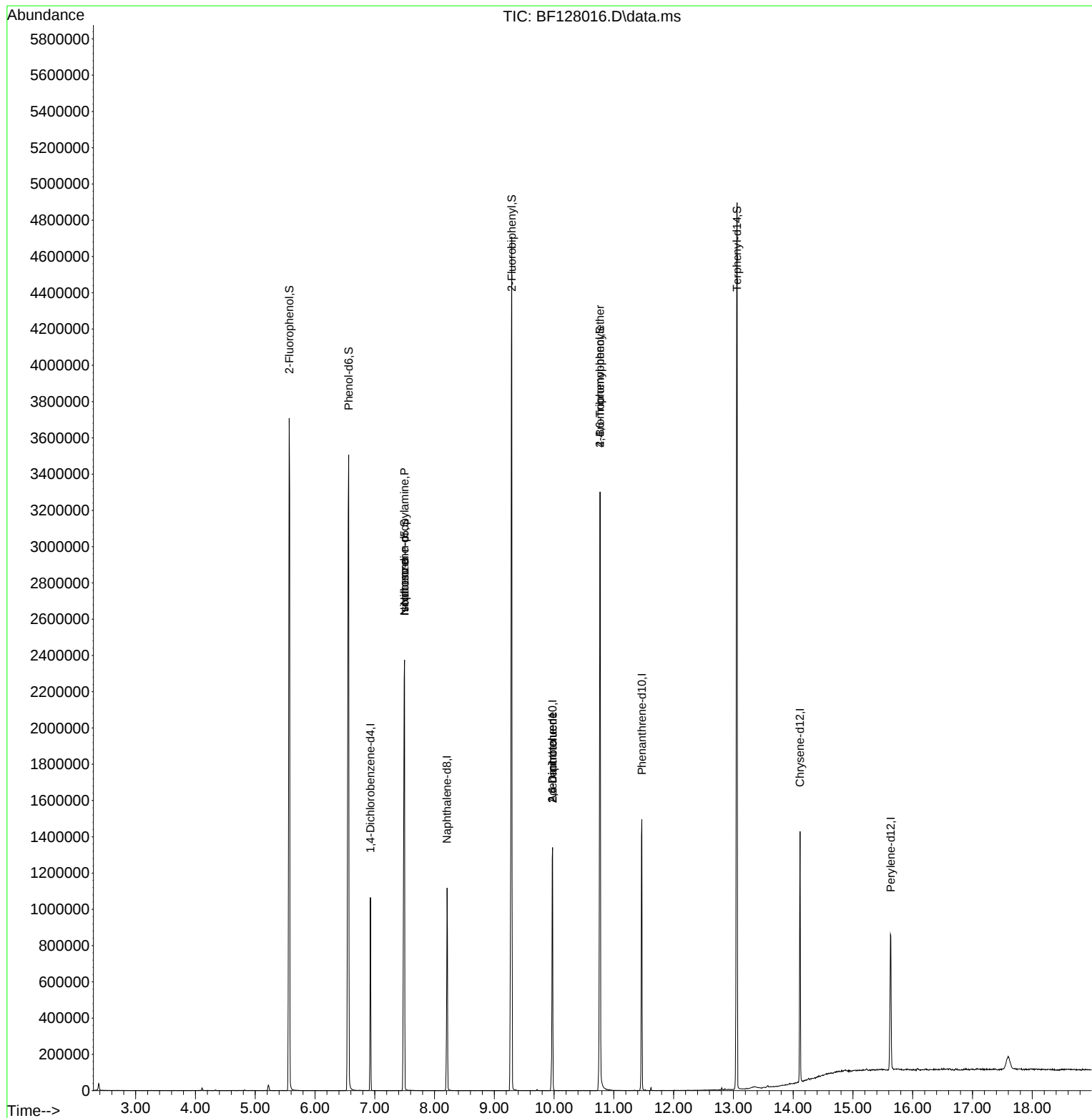
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137539	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	550788	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	317852	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	588068	20.000	ng	0.00
76) Chrysene-d12	14.115	240	458322	20.000	ng	0.00
86) Perylene-d12	15.633	264	378091	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1110542	128.607	ng	0.02
7) Phenol-d6	6.563	99	1467222	130.947	ng	0.00
23) Nitrobenzene-d5	7.498	82	1082072	92.383	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	442780	138.381	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1759679	93.658	ng	0.00
79) Terphenyl-d14	13.063	244	2085542	83.207	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	146795	21.402	ng	# 79
25) Isophorone	7.498	82	1075169	54.540	ng	# 68
51) 2,6-Dinitrotoluene	9.974	165	40776	8.835	ng	# 22
57) 2,4-Dinitrotoluene	9.974	165	40776	6.670	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	27702	4.249	ng	# 1

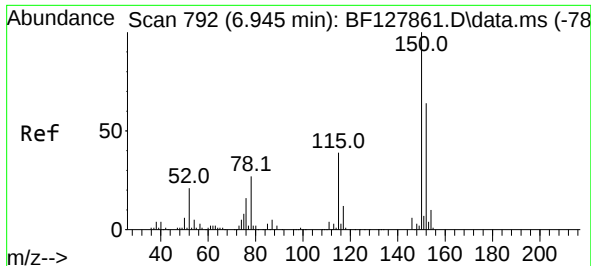
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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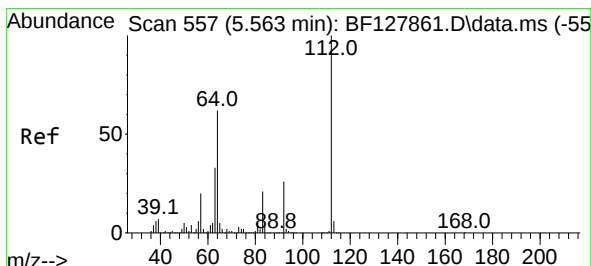
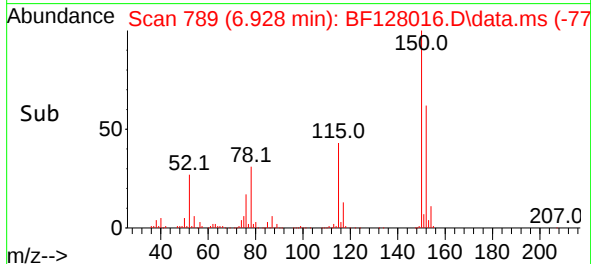
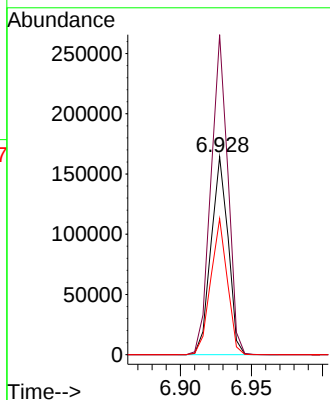
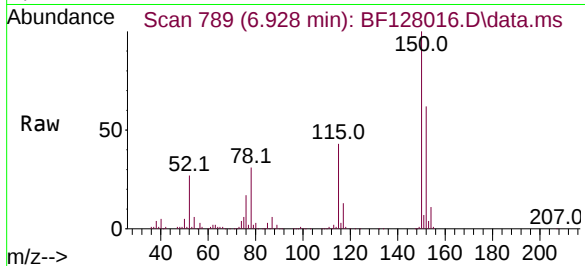




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128016.D
 Acq: 02 May 2022 10:24

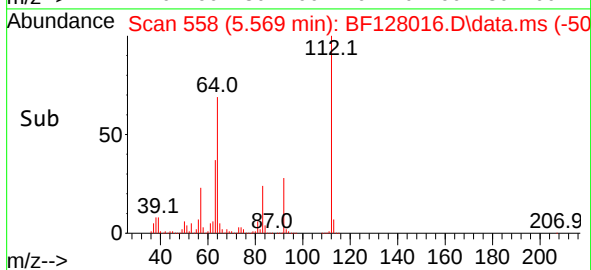
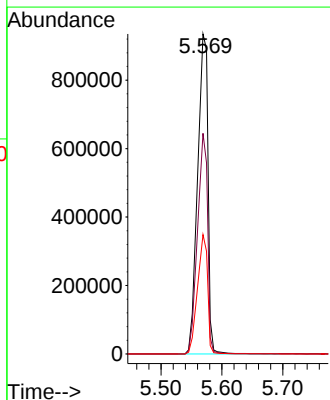
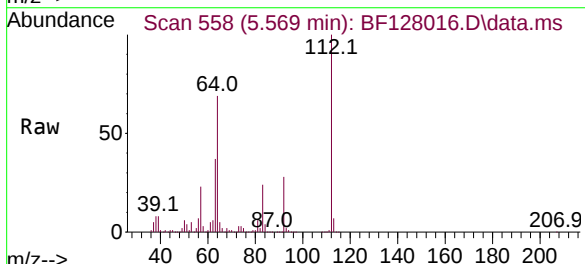
Instrument :
 BNA_F
 ClientSampleId :
 PB144493BL

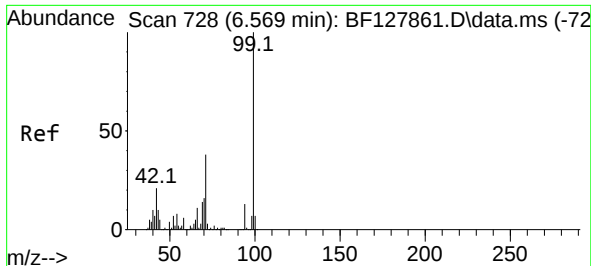
Tgt Ion:152 Resp: 137539
 Ion Ratio Lower Upper
 152 100
 150 161.7 125.3 187.9
 115 68.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 128.607 ng
 RT: 5.569 min Scan# 558
 Delta R.T. 0.018 min
 Lab File: BF128016.D
 Acq: 02 May 2022 10:24

Tgt Ion:112 Resp: 1110542
 Ion Ratio Lower Upper
 112 100
 64 69.0 49.5 74.3
 63 37.3 26.3 39.5



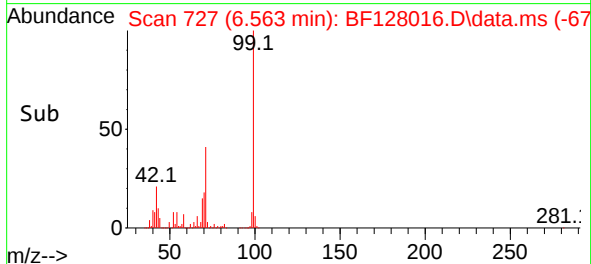
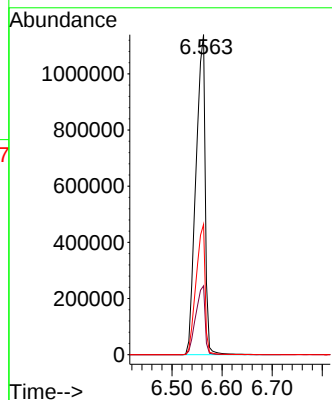
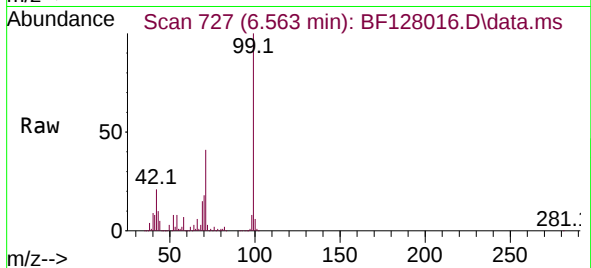


#7
Phenol-d6
Concen: 130.947 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Instrument :
BNA_F
ClientSampleId :
PB144493BL

Tgt Ion: 99 Resp: 1467222

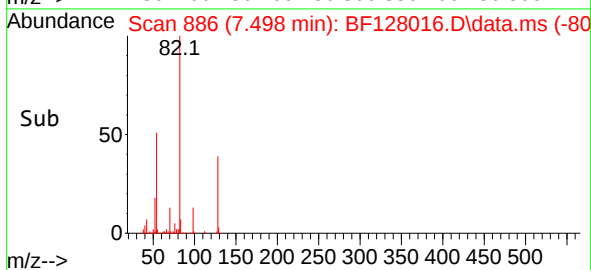
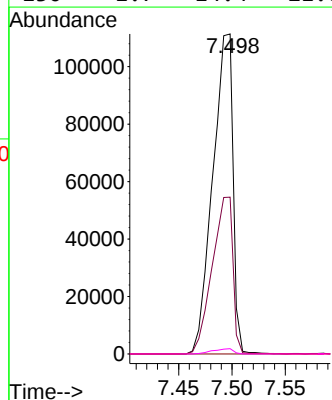
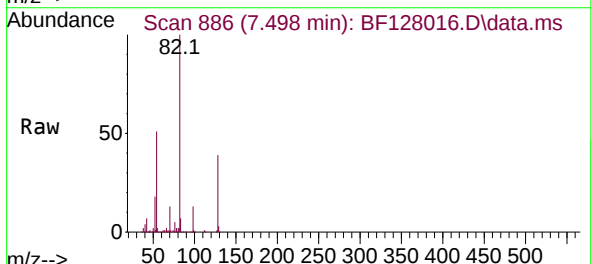
Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	24.8
71	40.7	30.0	45.0

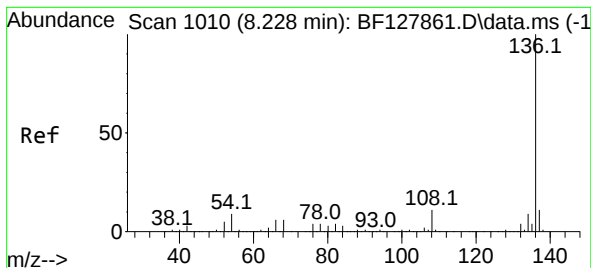


#19
n-Nitroso-di-n-propylamine
Concen: 21.402 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Tgt Ion: 70 Resp: 146795

Ion	Ratio	Lower	Upper
70	100		
42	49.0	48.7	73.1
101	0.0	7.2	10.8#
130	1.7	14.4	21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128016.D

Acq: 02 May 2022 10:24

Instrument :

BNA_F

ClientSampleId :

PB144493BL

Tgt Ion:136 Resp: 550788

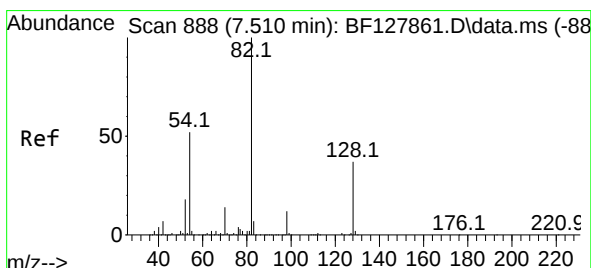
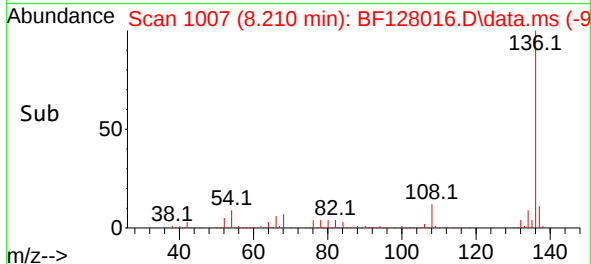
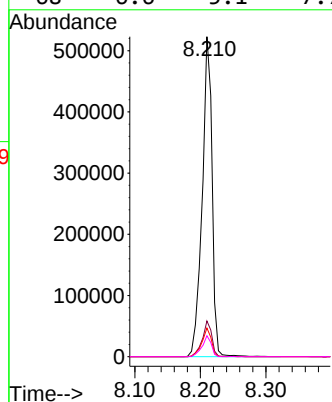
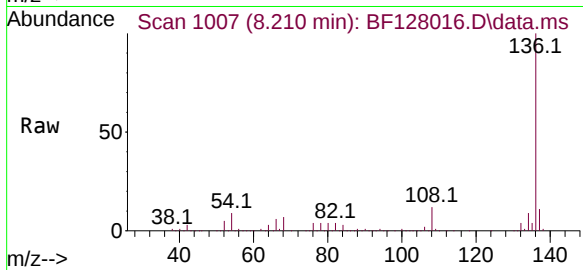
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.9 6.8 10.2

68 6.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 92.383 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF128016.D

Acq: 02 May 2022 10:24

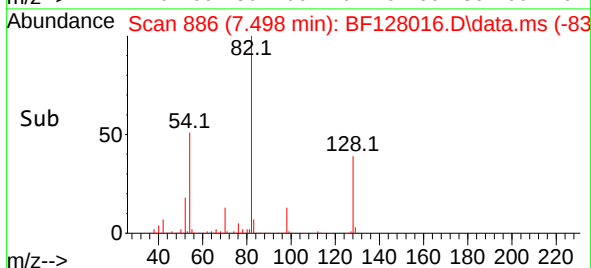
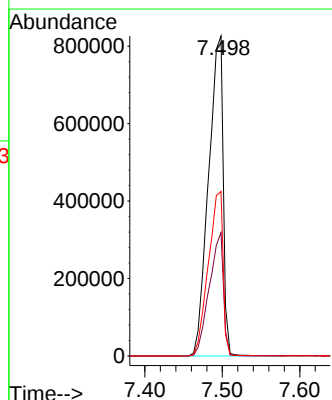
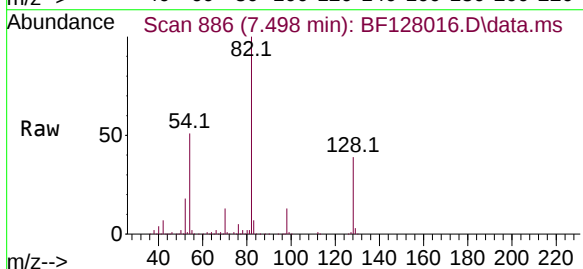
Tgt Ion: 82 Resp: 1082072

Ion Ratio Lower Upper

82 100

128 38.5 30.0 45.0

54 51.4 41.3 61.9

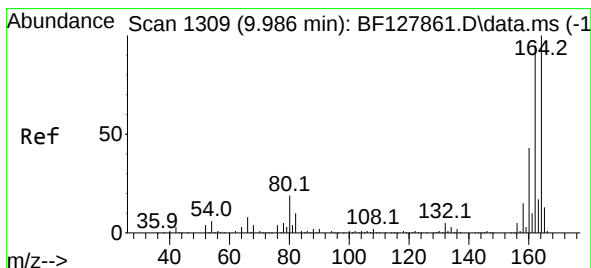
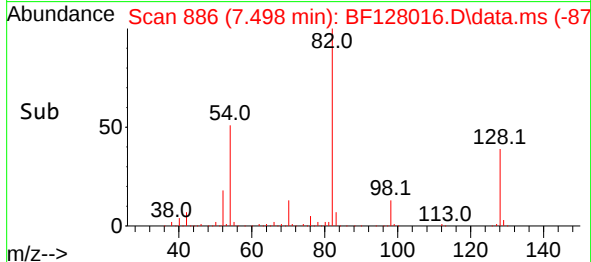
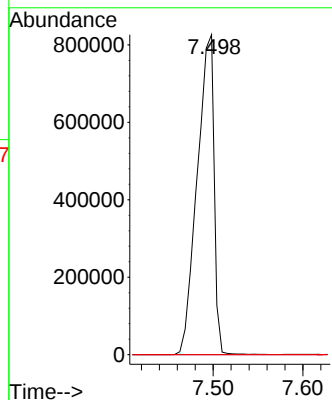
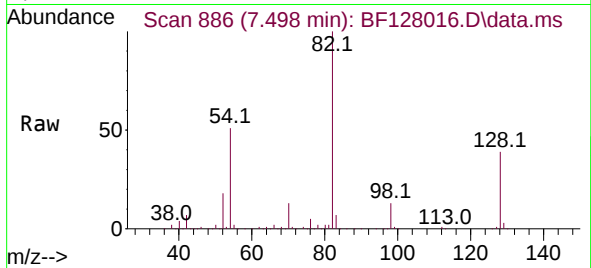




#25
Isophorone
Concen: 54.540 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

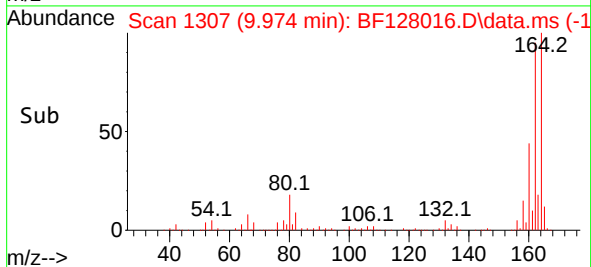
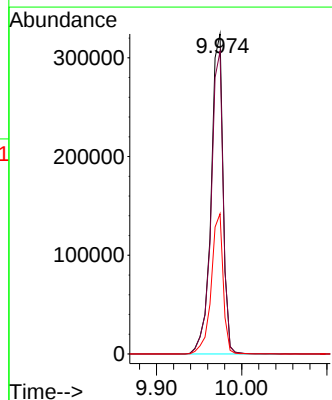
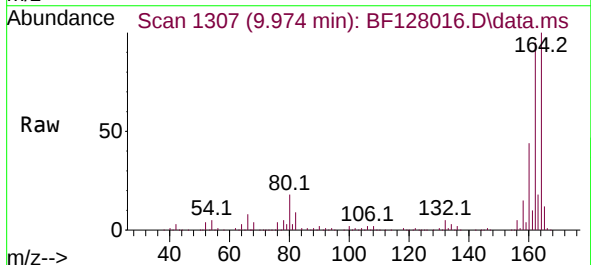
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Tgt Ion: 82 Resp: 1075169
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Tgt Ion: 164 Resp: 317852
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 43.8 34.8 52.2

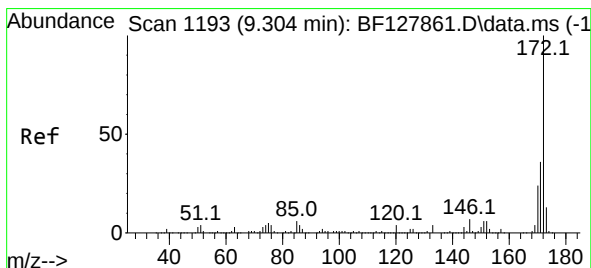
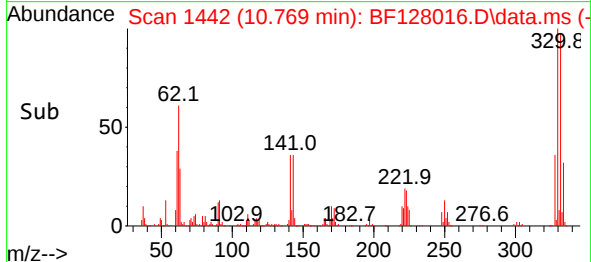
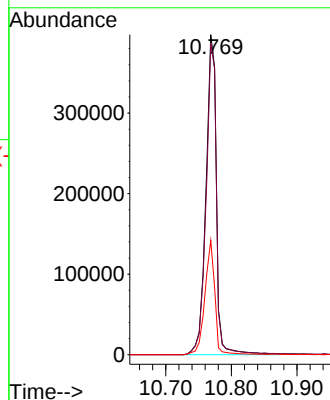
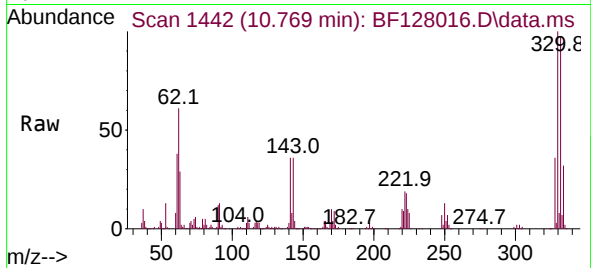




#42
2,4,6-Tribromophenol
Concen: 138.381 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

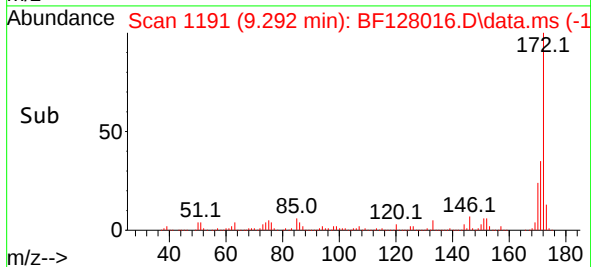
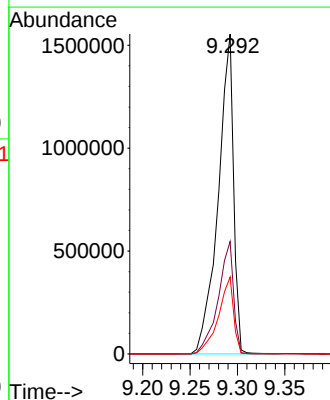
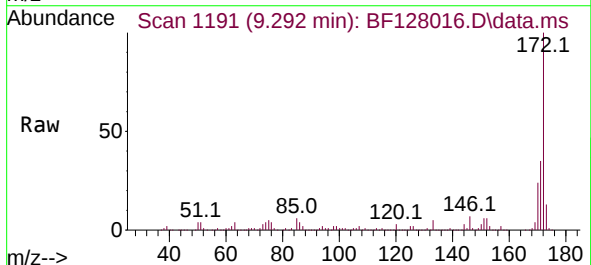
Instrument :
BNA_F
ClientSampleId :
PB144493BL

Tgt Ion:330 Resp: 442780
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 34.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 93.658 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Tgt Ion:172 Resp: 1759679
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.0 19.1 28.7

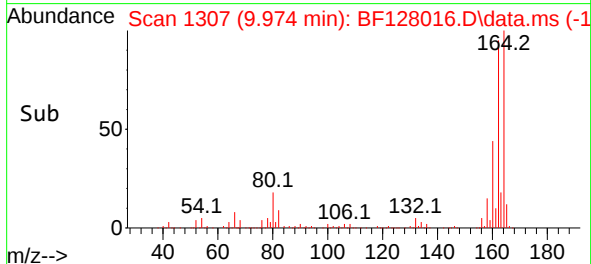
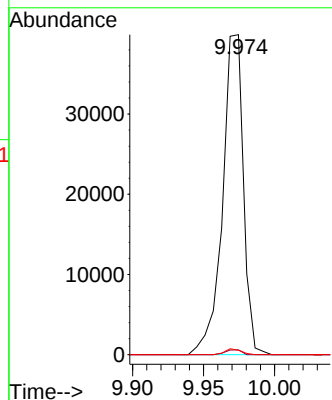
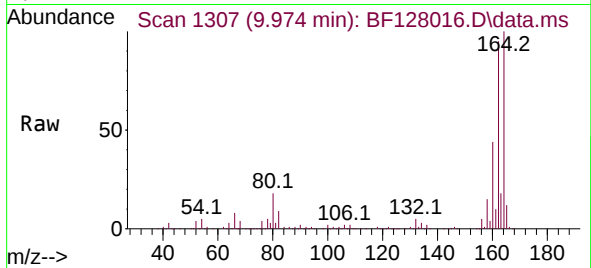




#51
2,6-Dinitrotoluene
Concen: 8.835 ng
RT: 9.974 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

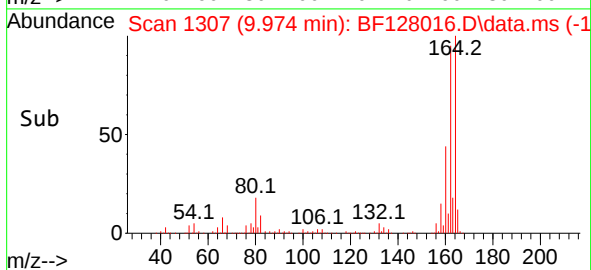
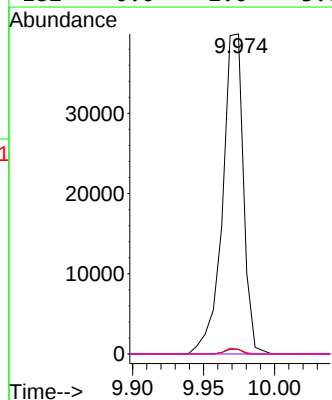
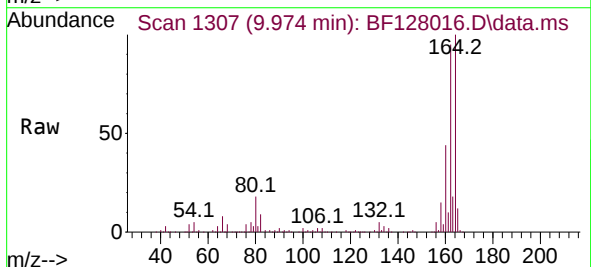
Instrument :
BNA_F
ClientSampleId :
PB144493BL

Tgt Ion:165 Resp: 40776
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.670 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.188 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Tgt Ion:165 Resp: 40776
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

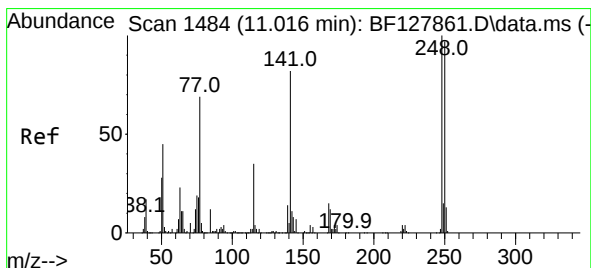
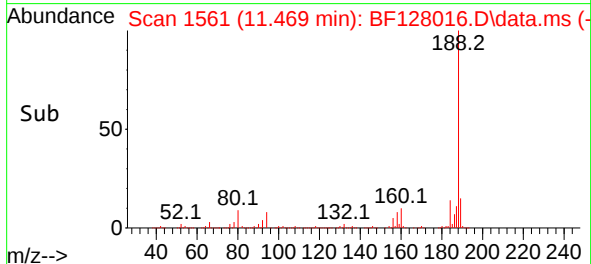
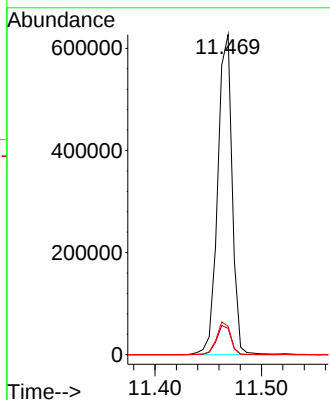
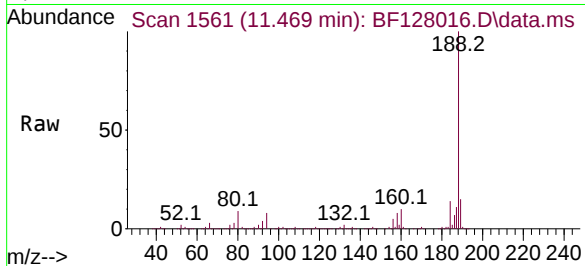




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

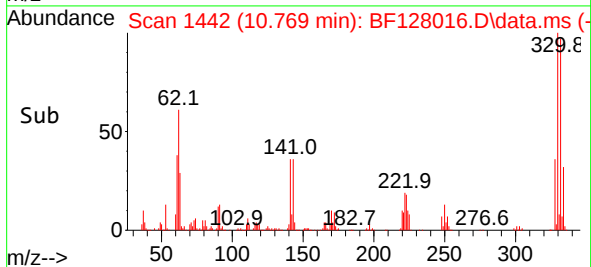
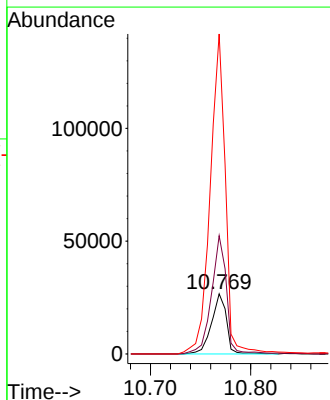
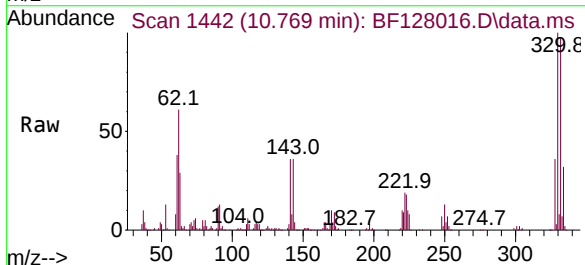
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BNA_F
ClientSampleId :
PB144493BL

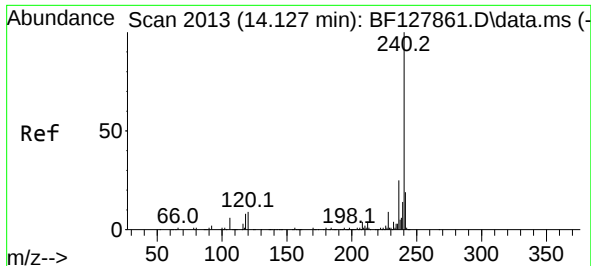
Tgt Ion:188 Resp: 588068
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.249 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Tgt Ion:248 Resp: 27702
Ion Ratio Lower Upper
248 100
250 196.6 77.7 116.5#
141 532.1 65.6 98.4#

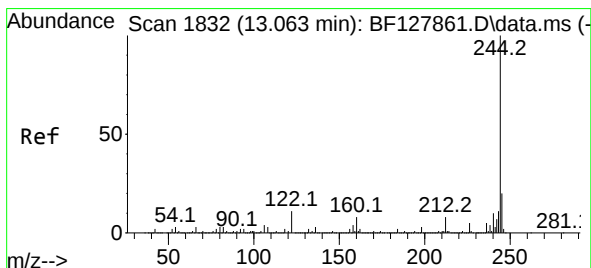
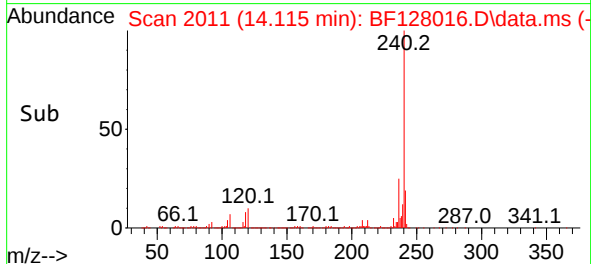
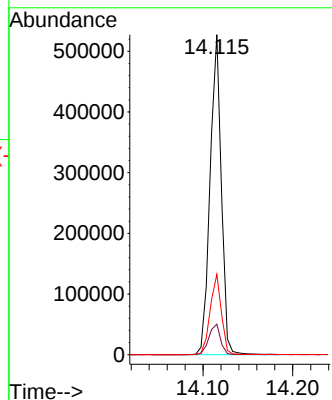
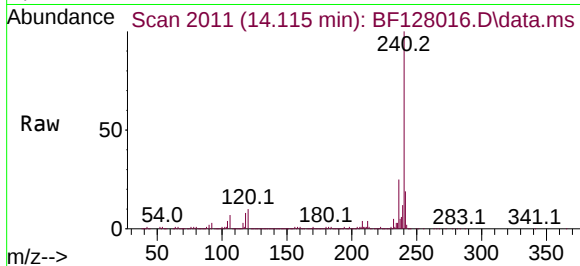




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

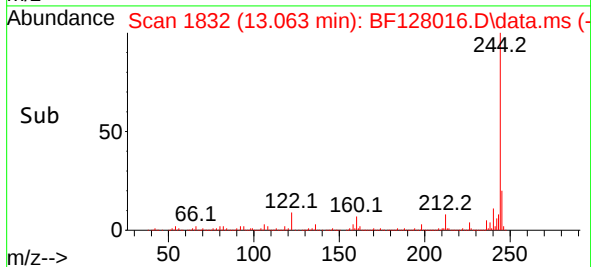
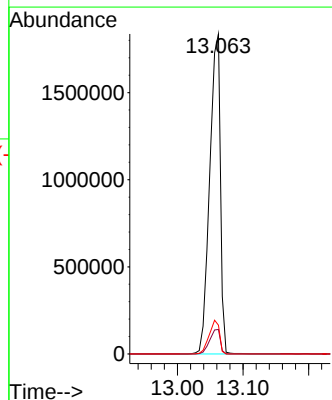
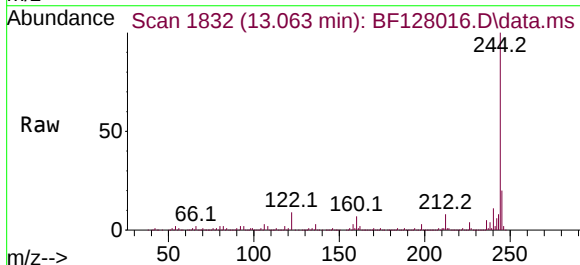
Instrument :
BNA_F
ClientSampleId :
PB144493BL

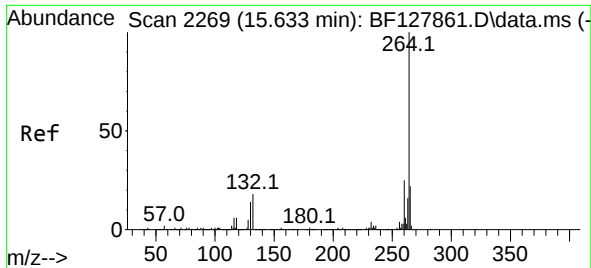
Tgt Ion:240 Resp: 458322
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.1 20.3 30.5



#79
Terphenyl-d14
Concen: 83.207 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

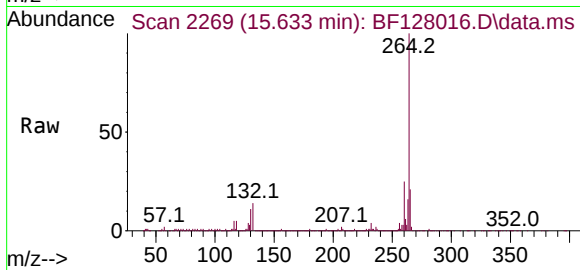
Tgt Ion:244 Resp: 2085542
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.0 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128016.D
Acq: 02 May 2022 10:24

Instrument :
BNA_F
ClientSampleId :
PB144493BL



Tgt Ion:264 Resp: 378091

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.3	17.5	26.3

