

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128081.D
 Acq On : 04 May 2022 19:47
 Operator : CG\JU
 Sample : N2674-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-2-050322

Quant Time: May 05 06:07:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

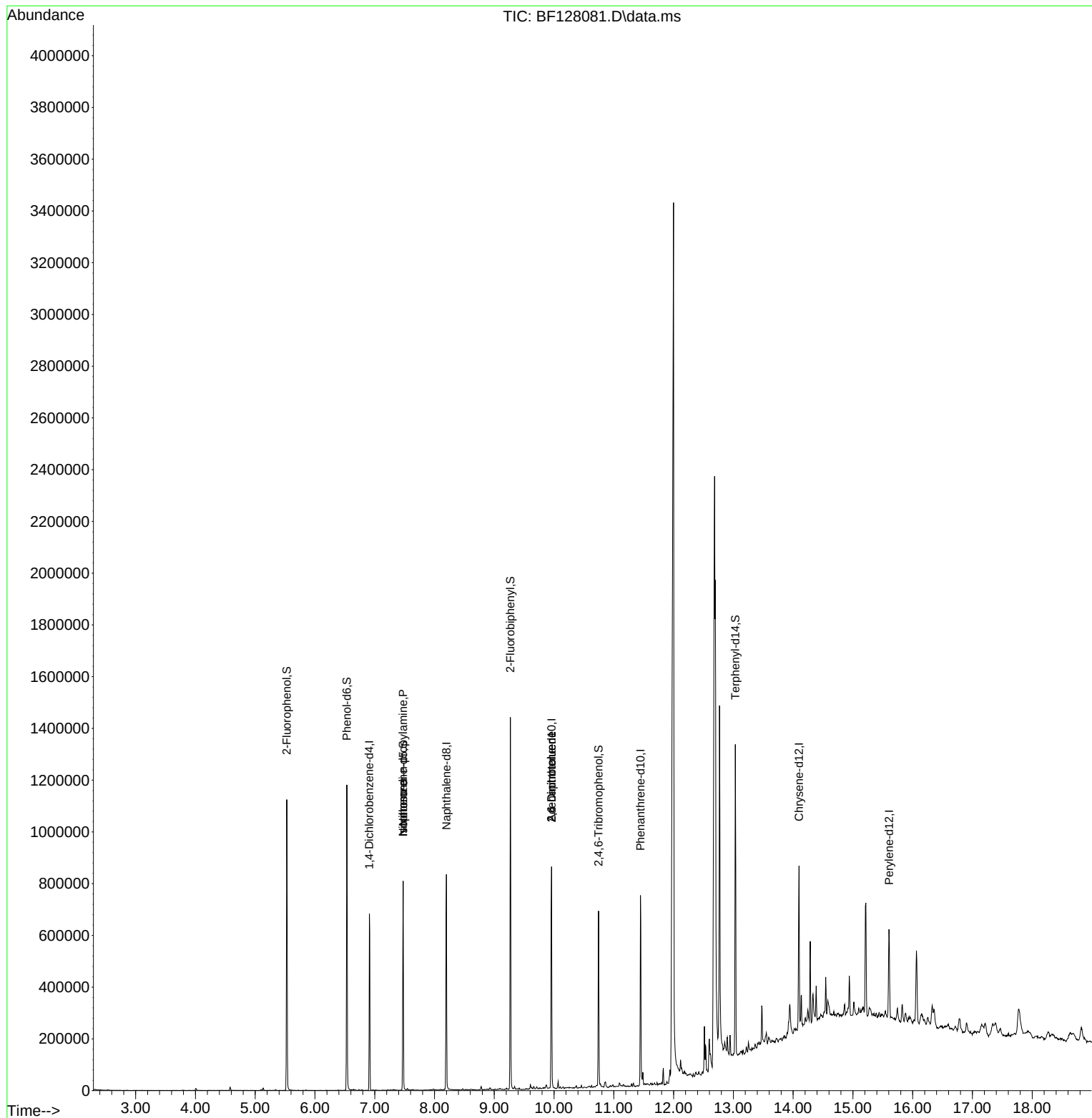
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	93276	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	340230	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	167549	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	268674	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	214747	20.000	ng	0.00
86) Perylene-d12	15.604	264	143287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	258933	44.215	ng	-0.01
7) Phenol-d6	6.534	99	336700	44.310	ng	-0.02
23) Nitrobenzene-d5	7.475	82	233176	32.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	72200	42.806	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	387163	39.092	ng	-0.01
79) Terphenyl-d14	13.033	244	371074	31.597	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	31238	6.716	ng	# 79
25) Isophorone	7.475	82	233171	19.148	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	21427	8.807	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	21427	6.649	ng	# 26

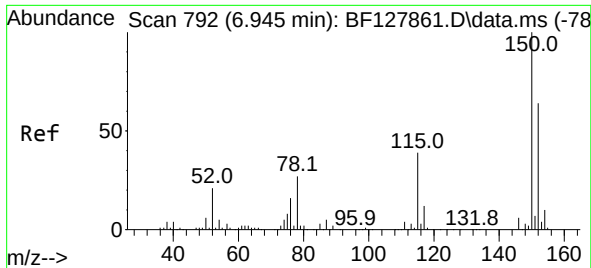
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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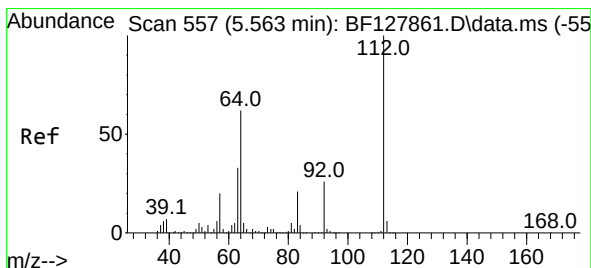
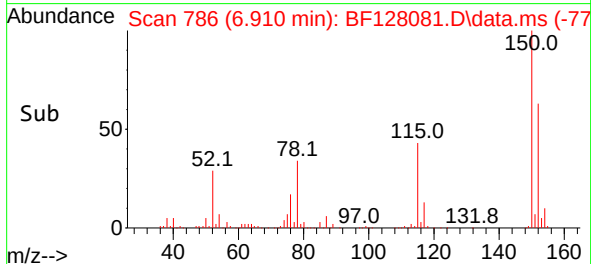
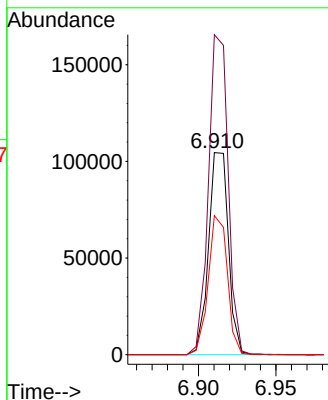
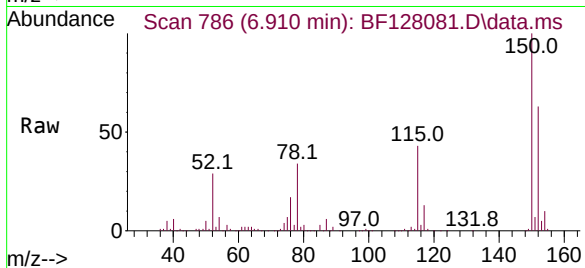




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128081.D
 Acq: 04 May 2022 19:47

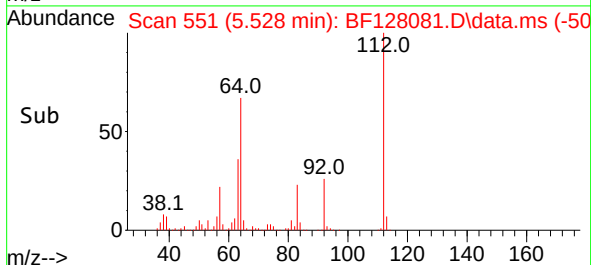
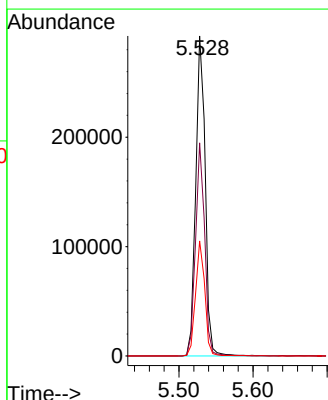
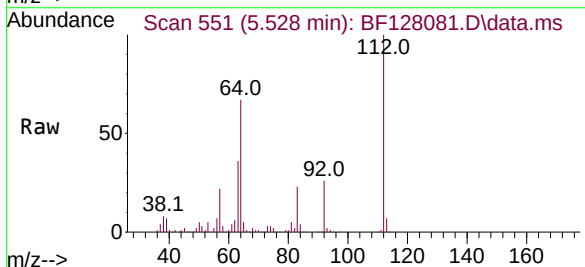
Instrument :
 BNA_F
 ClientSampleId :
 BU-2-050322

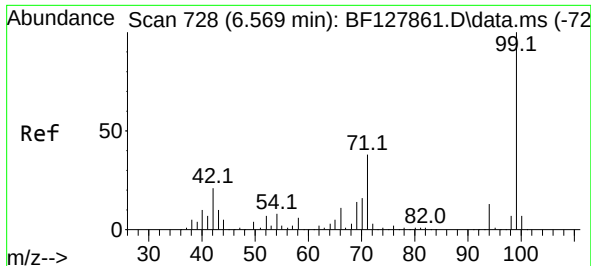
Tgt Ion:152 Resp: 93276
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 68.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 44.215 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.012 min
 Lab File: BF128081.D
 Acq: 04 May 2022 19:47

Tgt Ion:112 Resp: 258933
 Ion Ratio Lower Upper
 112 100
 64 66.6 49.5 74.3
 63 35.9 26.3 39.5

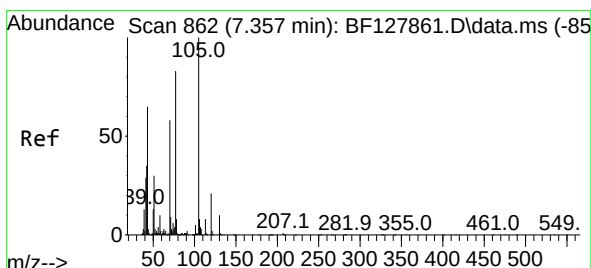
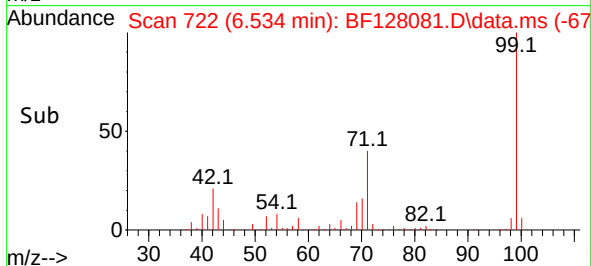
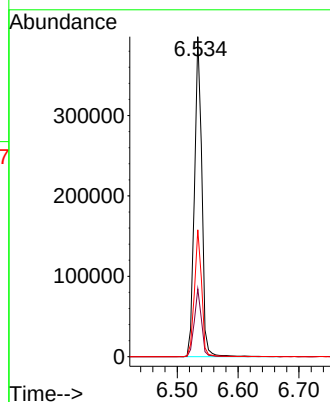
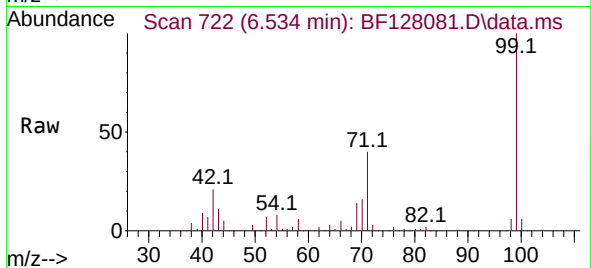




#7
Phenol-d6
Concen: 44.310 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

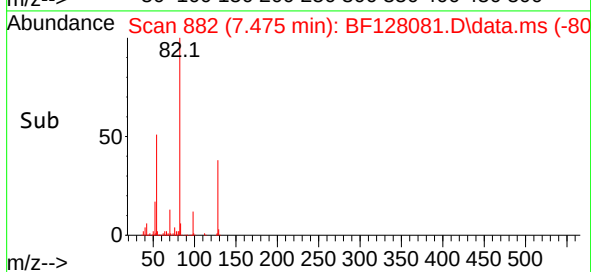
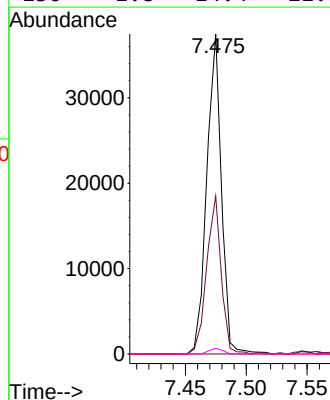
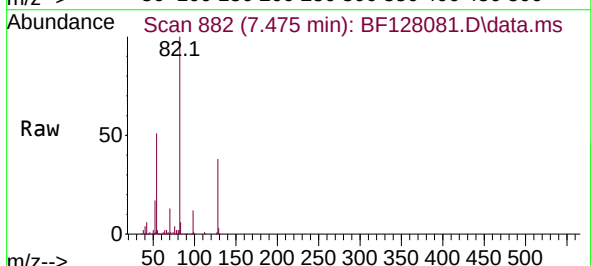
Instrument :
BNA_F
ClientSampleId :
BU-2-050322

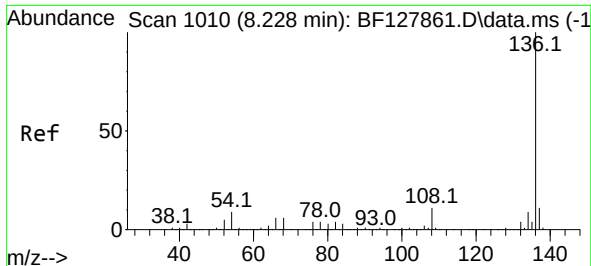
Tgt Ion: 99 Resp: 336700
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.716 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

Tgt Ion: 70 Resp: 31238
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

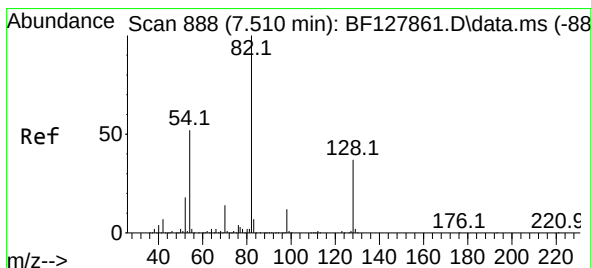
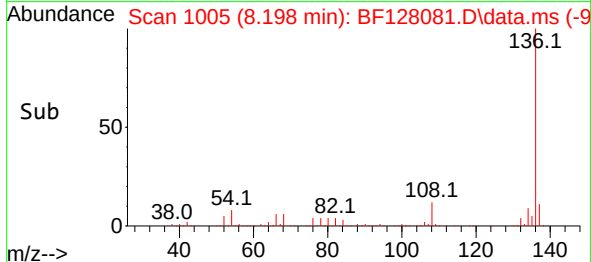
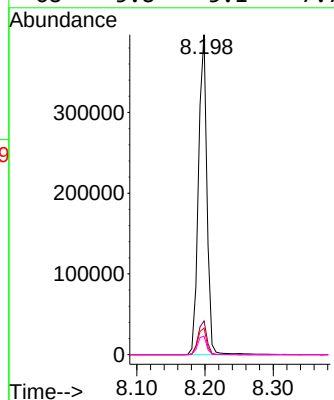
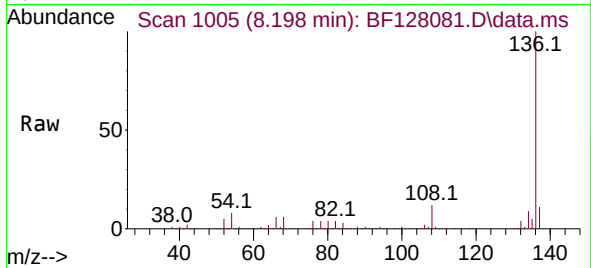




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

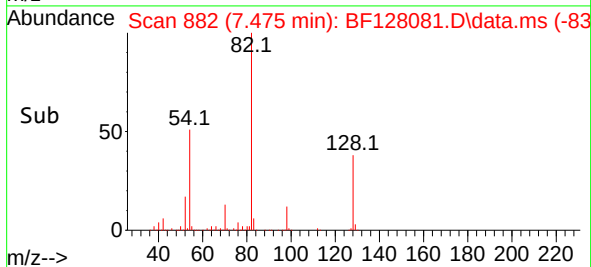
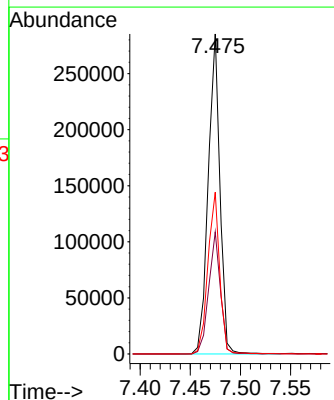
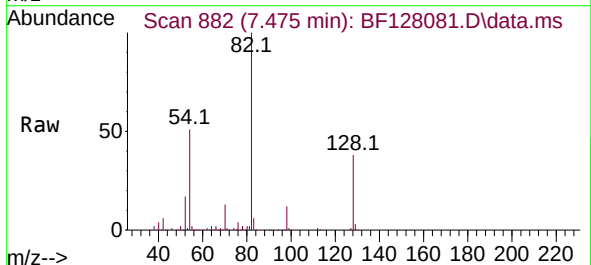
Instrument :
BNA_F
ClientSampleId :
BU-2-050322

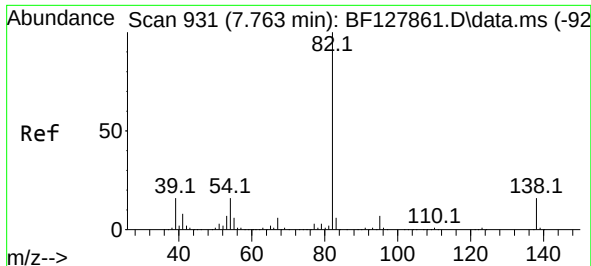
Tgt Ion:	136	Resp:	340230
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 32.228 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

Tgt Ion:	82	Resp:	233176
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	50.5	41.3	61.9

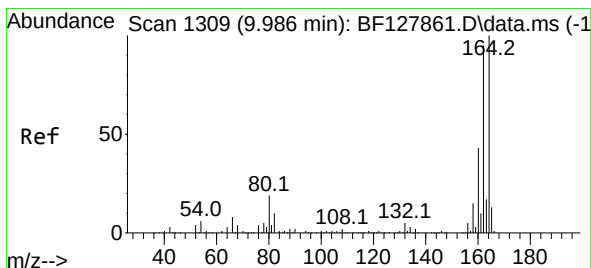
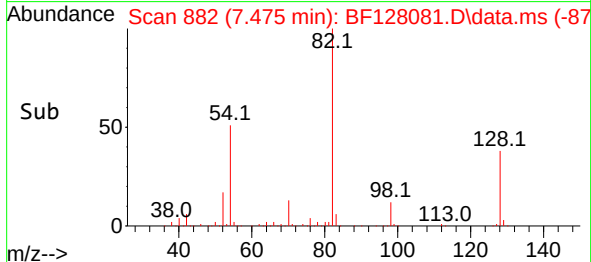
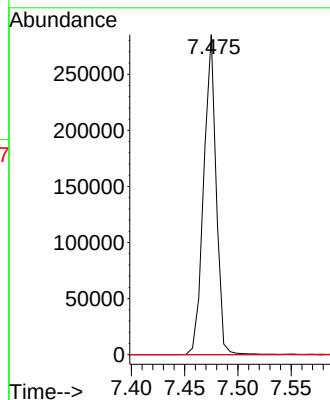
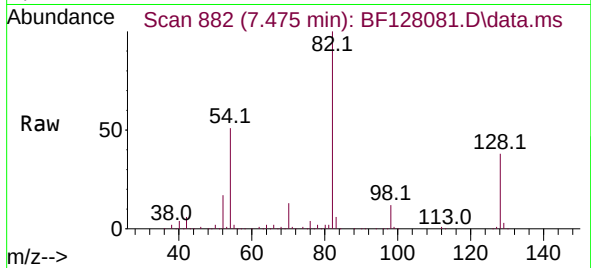




#25
Isophorone
Concen: 19.148 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

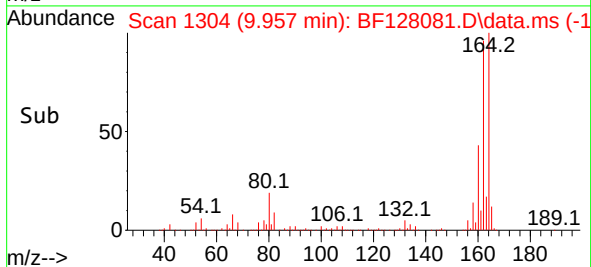
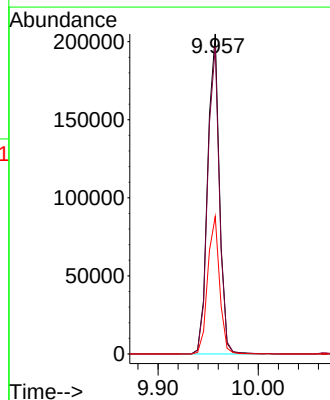
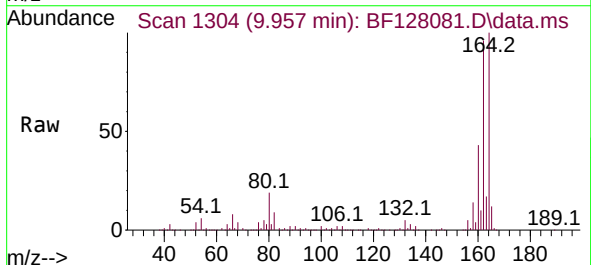
Instrument :
BNA_F
ClientSampleId :
BU-2-050322

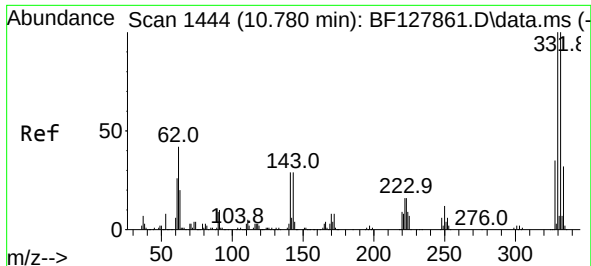
Tgt Ion: 82 Resp: 233171
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

Tgt Ion: 164 Resp: 167549
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 42.9 34.8 52.2

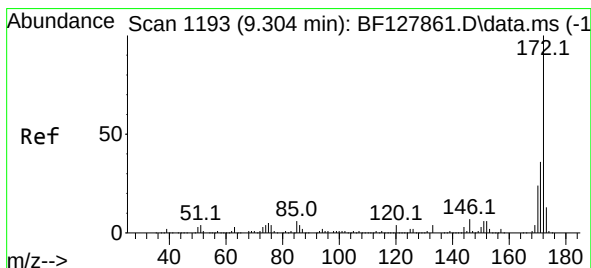
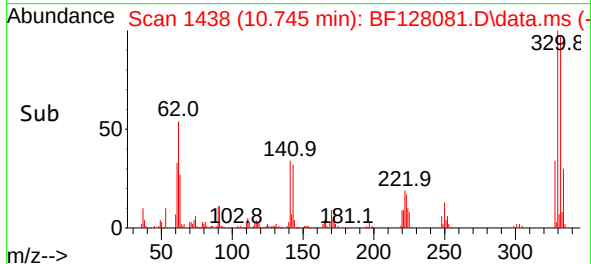
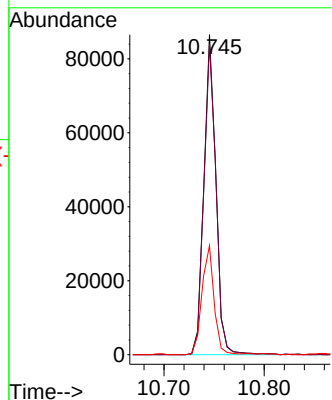
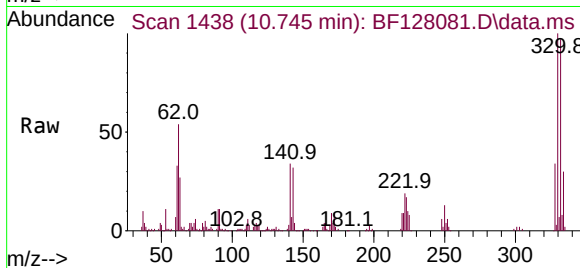




#42
2,4,6-Tribromophenol
Concen: 42.806 ng
RT: 10.745 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

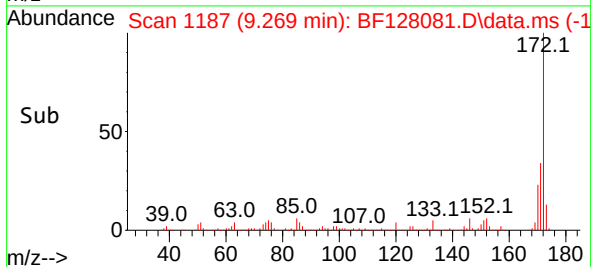
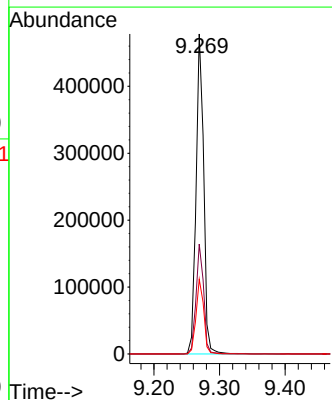
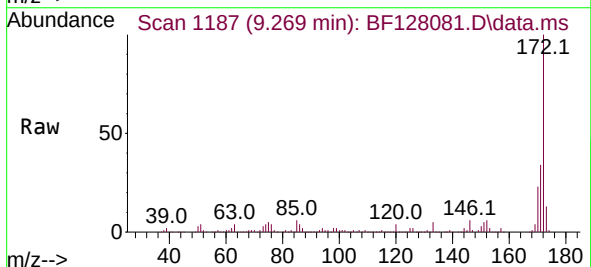
Instrument :
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ClientSampleId :
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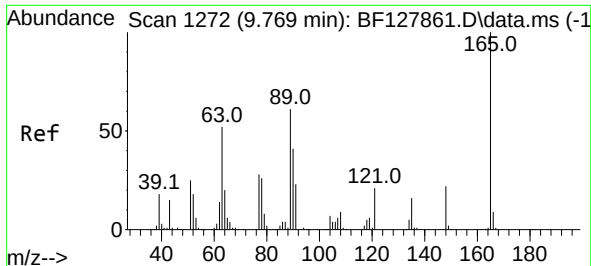
Tgt Ion: 330 Resp: 72200
Ion Ratio Lower Upper
330 100
332 98.5 79.0 118.4
141 34.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 39.092 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

Tgt Ion: 172 Resp: 387163
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.807 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128081.D

Acq: 04 May 2022 19:47

Instrument :

BNA_F

ClientSampleId :

BU-2-050322

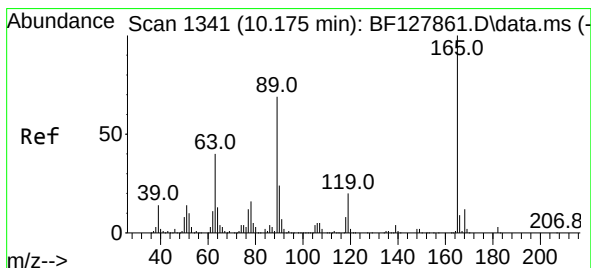
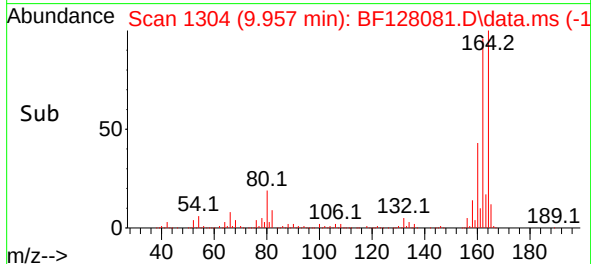
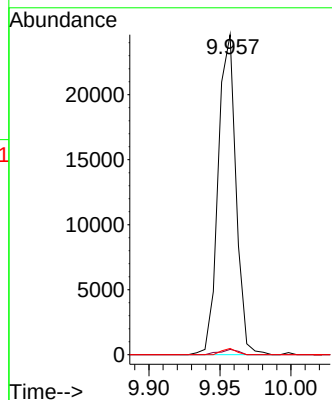
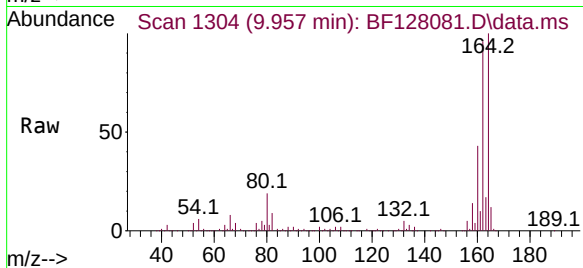
Tgt Ion:165 Resp: 21427

Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 1.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.649 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128081.D

Acq: 04 May 2022 19:47

Tgt Ion:165 Resp: 21427

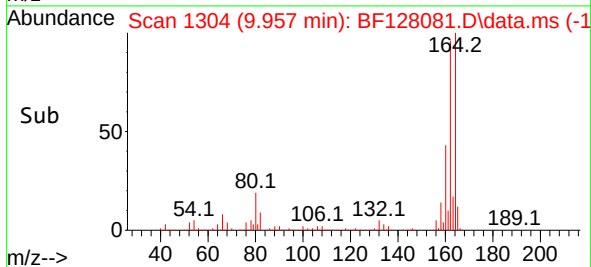
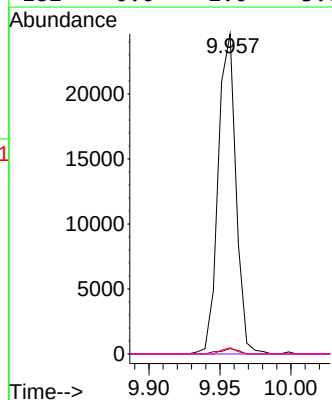
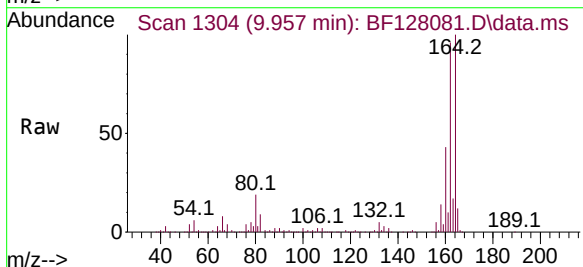
Ion Ratio Lower Upper

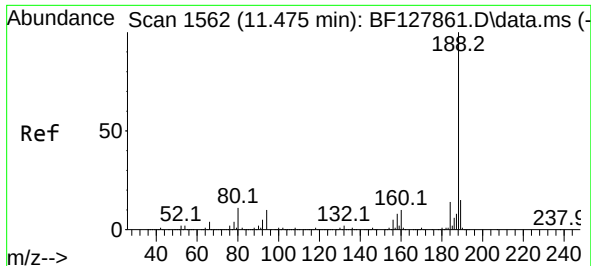
165 100

63 1.6 32.6 49.0#

89 1.9 55.2 82.8#

182 0.0 2.0 3.0#

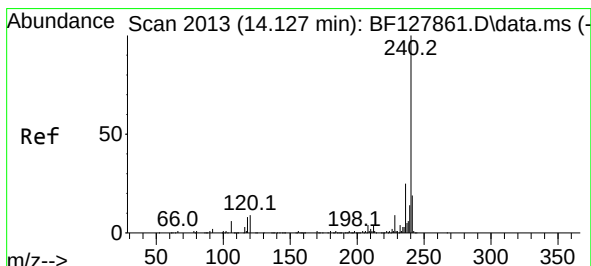
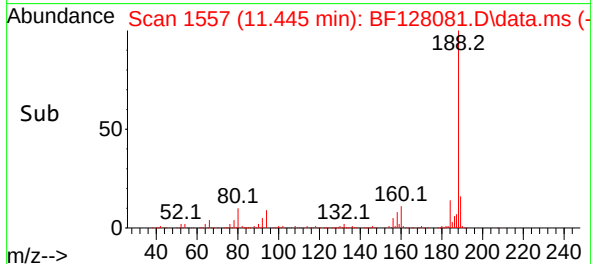
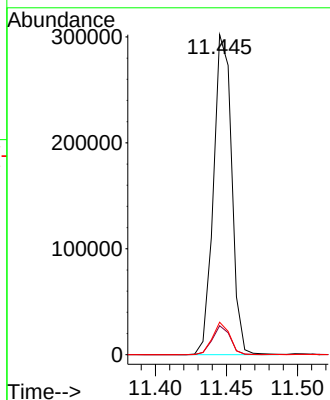
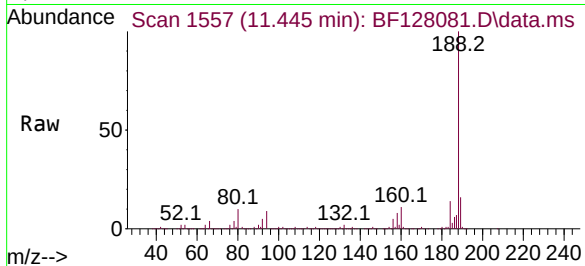




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

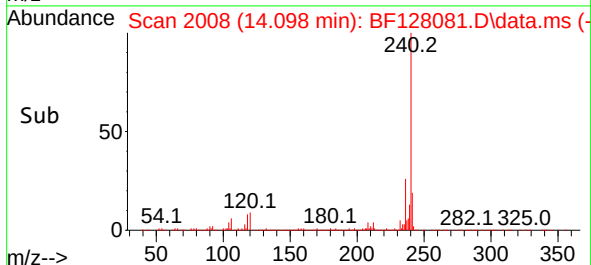
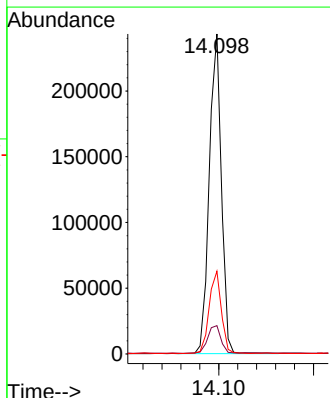
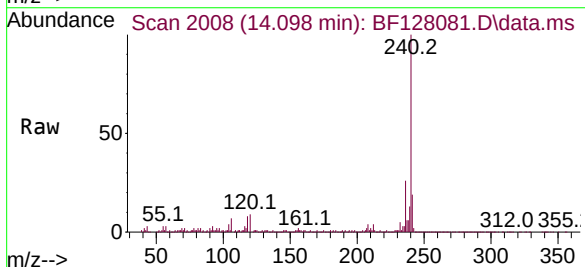
Instrument :
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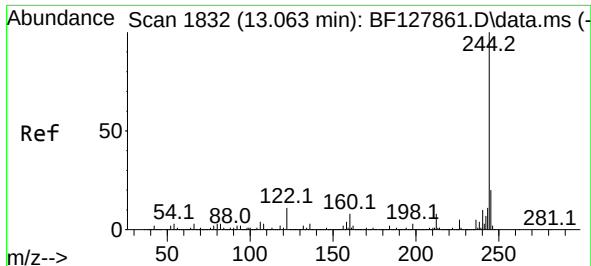
Tgt Ion:188 Resp: 268674
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128081.D
Acq: 04 May 2022 19:47

Tgt Ion:240 Resp: 214747
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.9 20.3 30.5

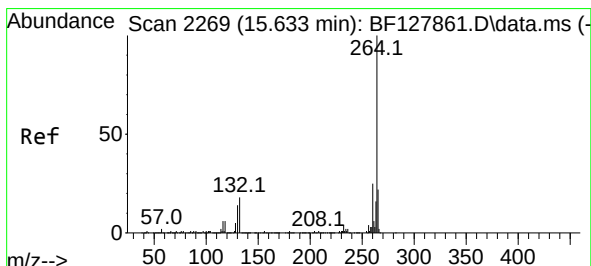
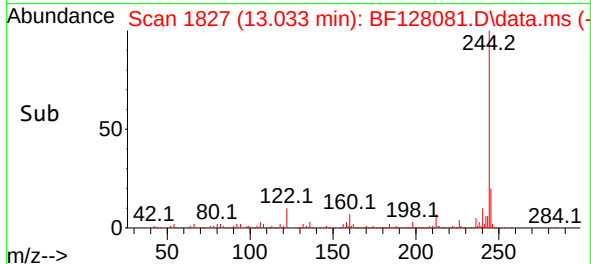
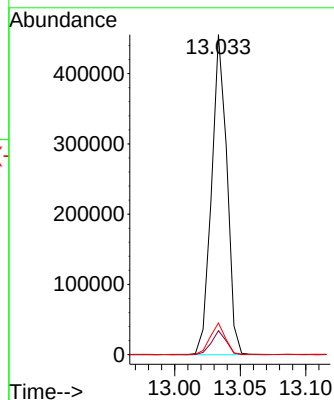
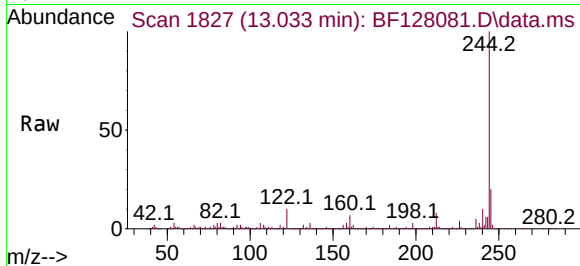




#79
 Terphenyl-d14
 Concen: 31.597 ng
 RT: 13.033 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF128081.D
 Acq: 04 May 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 BU-2-050322

Tgt Ion:244 Resp: 371074
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128081.D
 Acq: 04 May 2022 19:47

Tgt Ion:264 Resp: 143287
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 22.0 17.5 26.3

