

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127881.D
 Acq On : 25 Apr 2022 15:33
 Operator : CG\JU
 Sample : PB144239BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144239BL

Quant Time: Apr 25 16:57:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

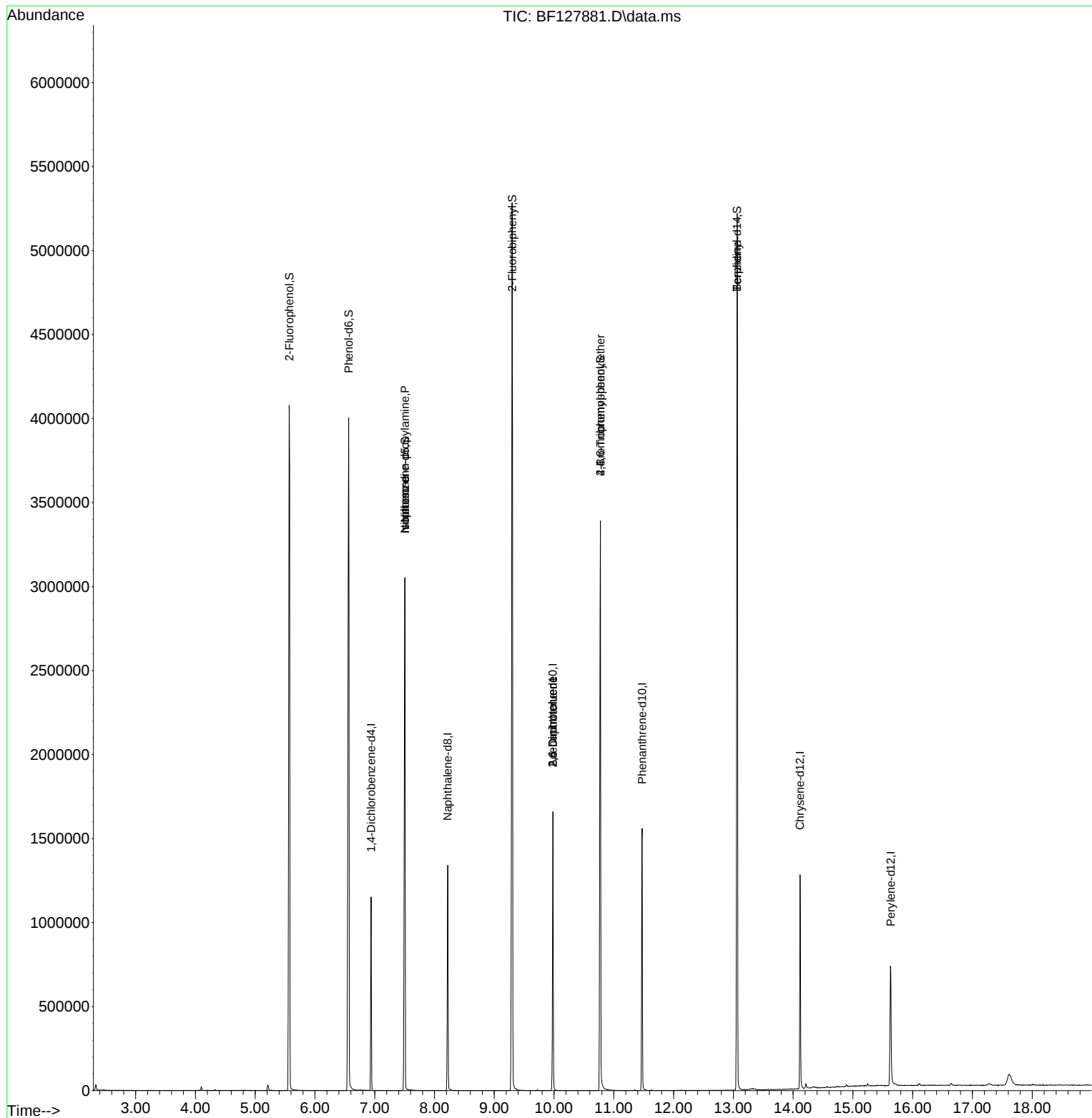
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	154392	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	607094	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	341664	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	615139	20.000	ng	0.00
76) Chrysene-d12	14.116	240	443075	20.000	ng	#-0.01
86) Perylene-d12	15.633	264	360482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1245457	128.487	ng	0.00
7) Phenol-d6	6.563	99	1619353	128.749	ng	0.00
23) Nitrobenzene-d5	7.504	82	1170290	90.648	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	429057	124.747	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1836622	90.940	ng	0.00
79) Terphenyl-d14	13.063	244	2050388	84.619	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	155871	20.245	ng	# 80
25) Isophorone	7.504	82	1169141	53.806	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	43477	8.764	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	43477	6.616	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	27367	4.013	ng	# 1
77) Benzidine	13.063	184	28929	3.451	ng	# 94

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

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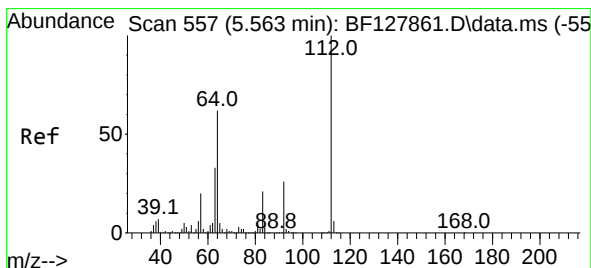
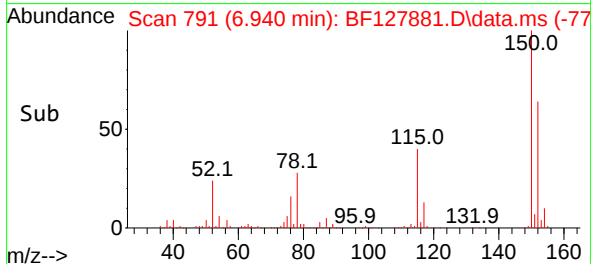
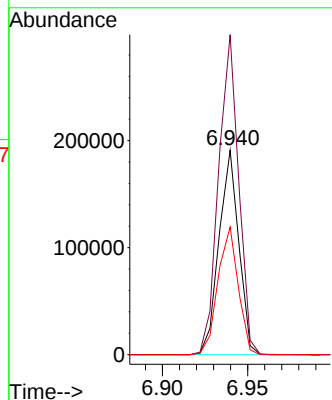
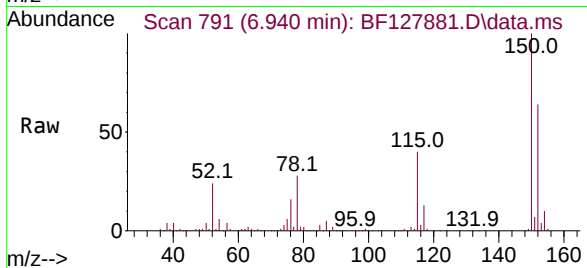




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF127881.D
 Acq: 25 Apr 2022 15:33

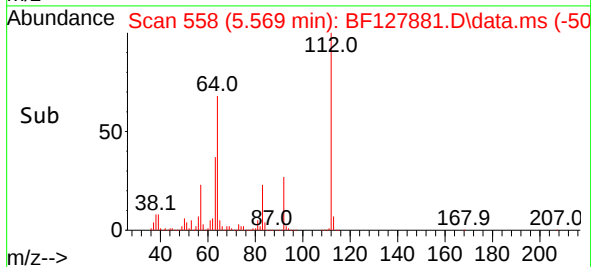
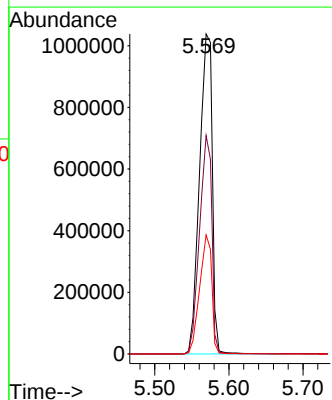
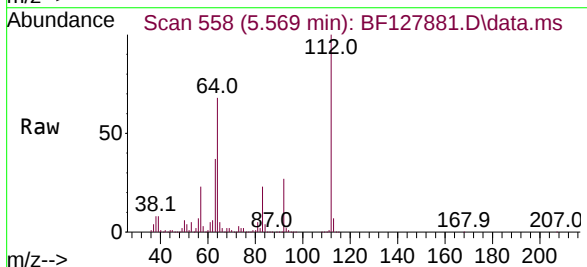
Instrument :
 BNA_F
 ClientSampleId :
 PB144239BL

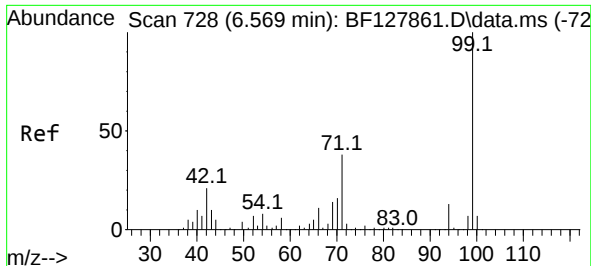
Tgt Ion:152 Resp: 154392
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 62.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 128.487 ng
 RT: 5.569 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: BF127881.D
 Acq: 25 Apr 2022 15:33

Tgt Ion:112 Resp: 1245457
 Ion Ratio Lower Upper
 112 100
 64 68.3 49.5 74.3
 63 37.2 26.3 39.5

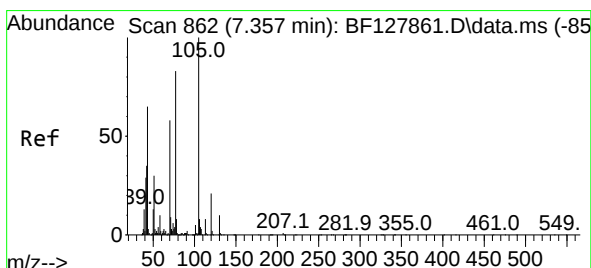
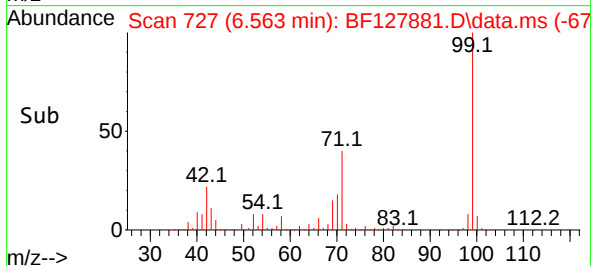
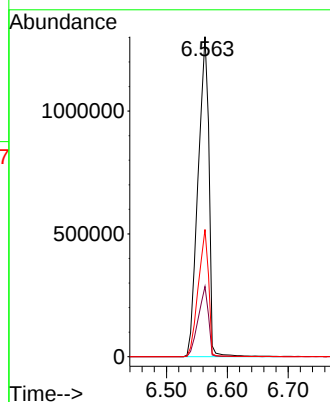
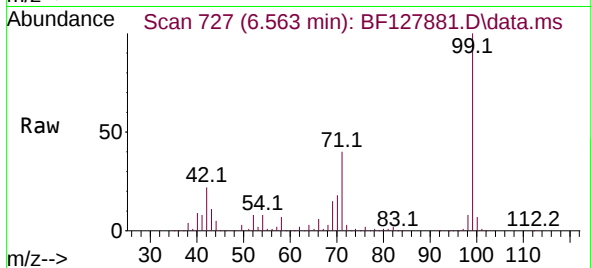




#7
Phenol-d6
Concen: 128.749 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

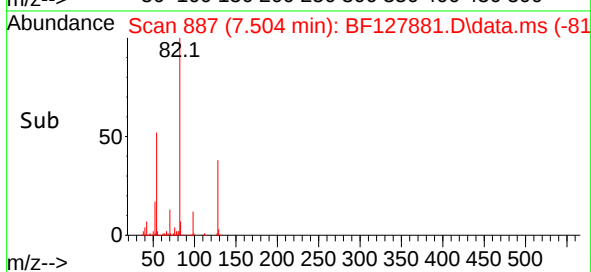
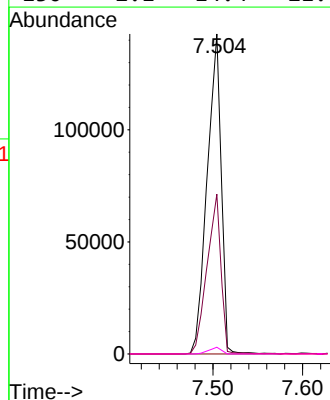
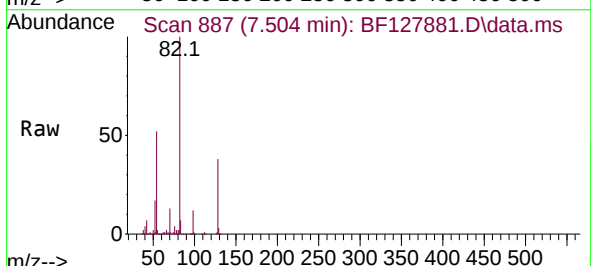
Instrument :
BNA_F
ClientSampleId :
PB144239BL

Tgt Ion: 99 Resp: 1619353
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.245 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

Tgt Ion: 70 Resp: 155871
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

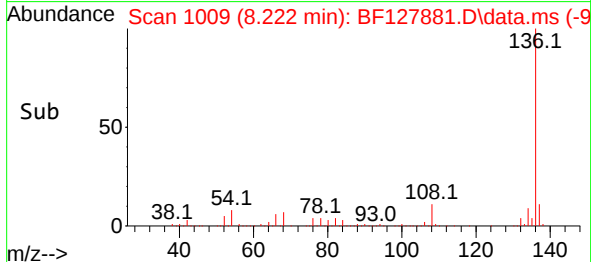
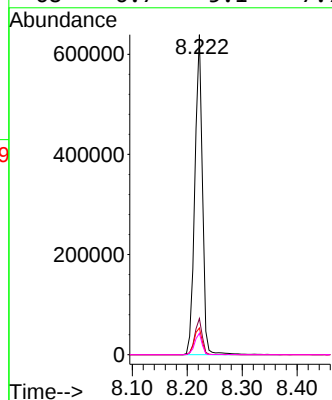
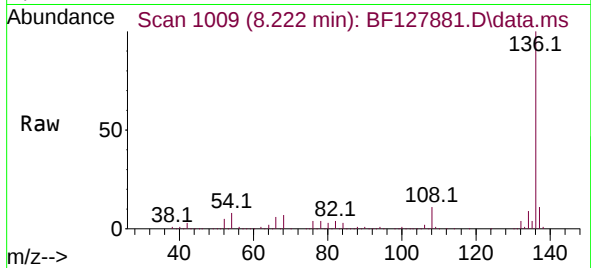




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

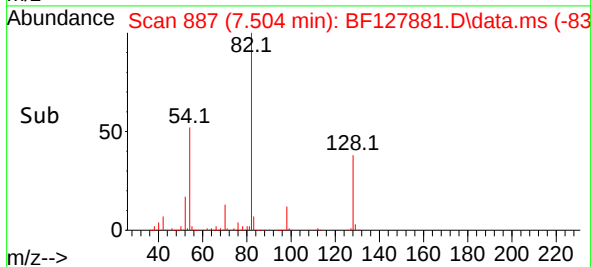
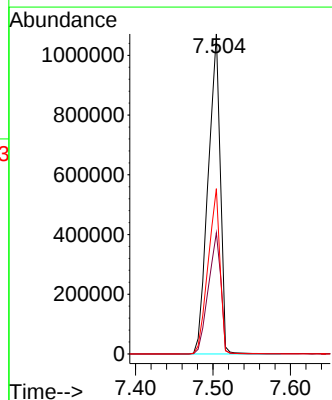
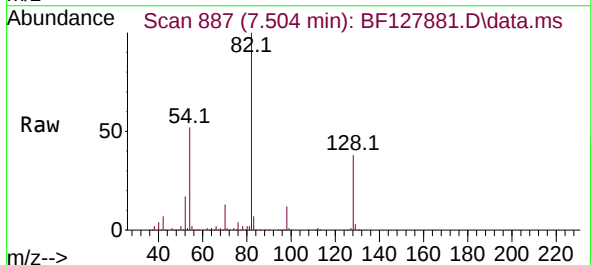
Instrument :
BNA_F
ClientSampleId :
PB144239BL

Tgt Ion:136	Resp: 607094
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 13.0
54 8.4	6.8 10.2
68 6.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 90.648 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

Tgt Ion: 82		Resp: 1170290	
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.7	41.3	61.9

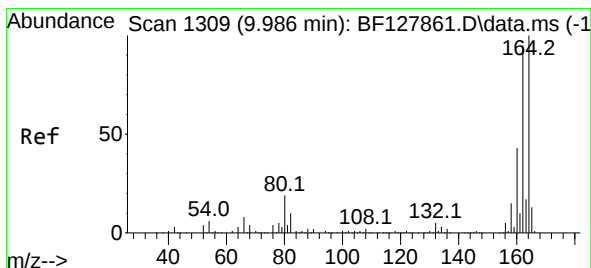
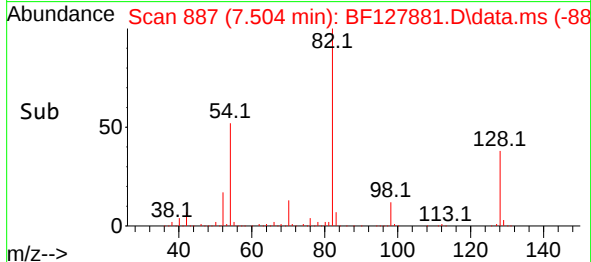
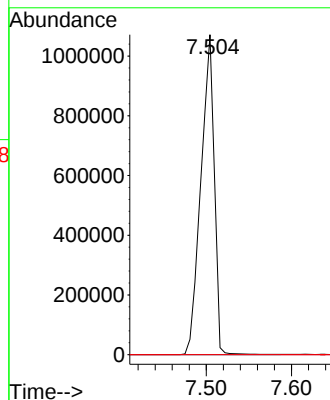
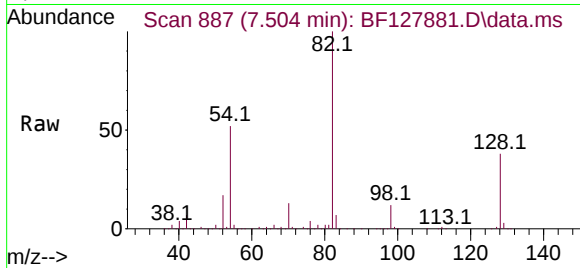




#25
Isophorone
Concen: 53.806 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

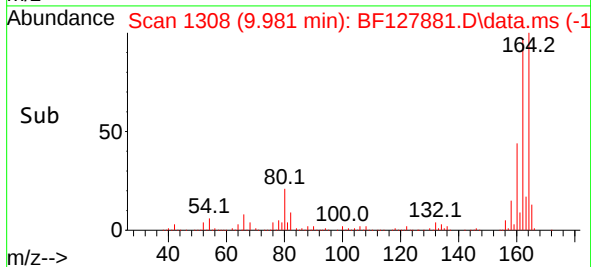
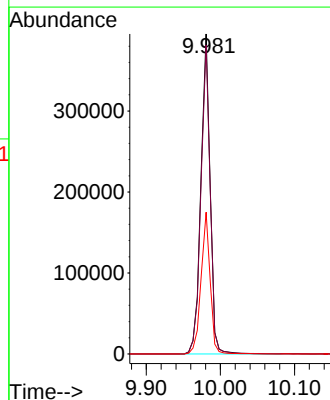
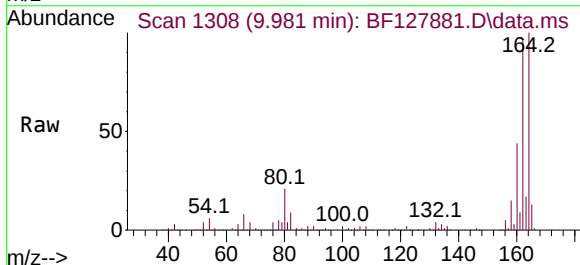
Instrument :
BNA_F
ClientSampleId :
PB144239BL

Tgt Ion: 82 Resp: 1169141
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: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

Tgt Ion: 164 Resp: 341664
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 44.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 124.747 ng

RT: 10.775 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127881.D

Acq: 25 Apr 2022 15:33

Instrument :

BNA_F

ClientSampleId :

PB144239BL

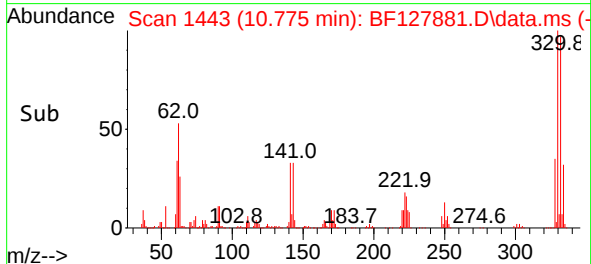
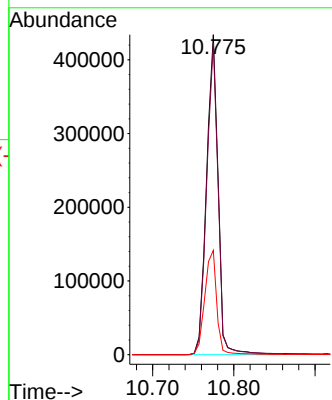
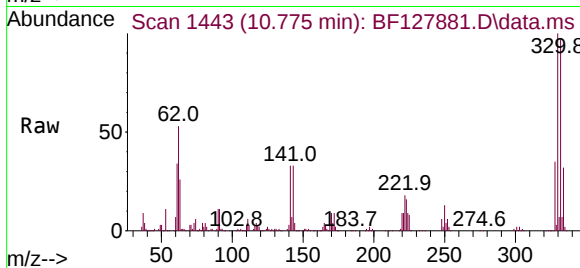
Tgt Ion:330 Resp: 429057

Ion Ratio Lower Upper

330 100

332 97.5 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 90.940 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF127881.D

Acq: 25 Apr 2022 15:33

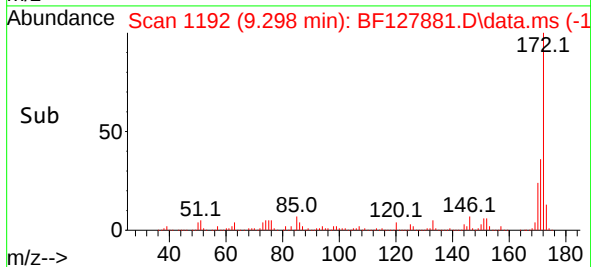
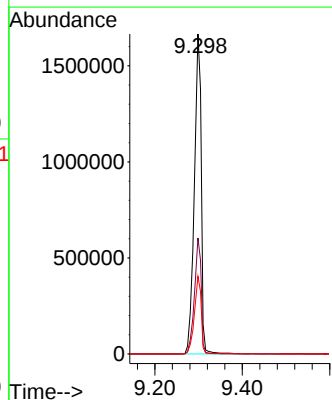
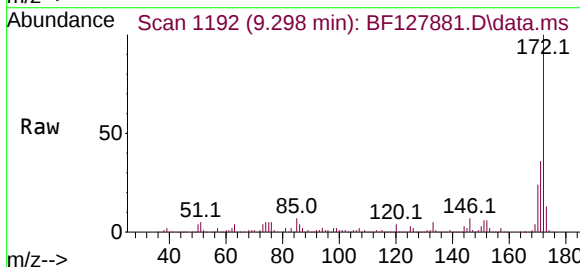
Tgt Ion:172 Resp: 1836622

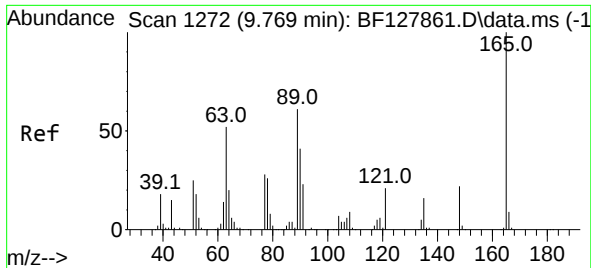
Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 24.3 19.1 28.7

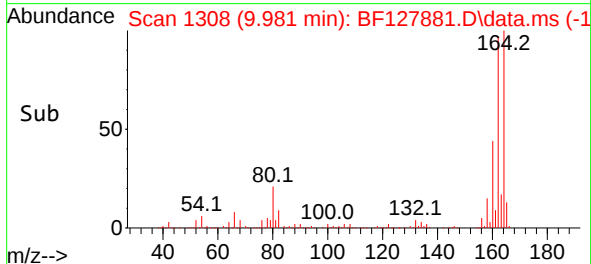
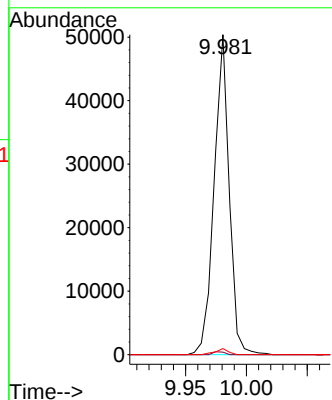
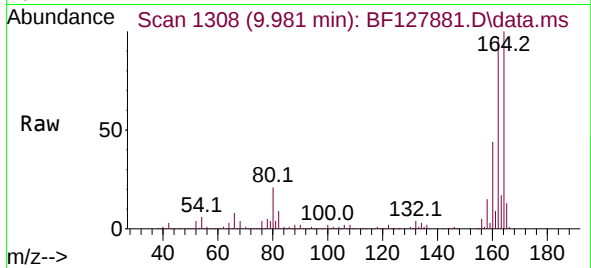




#51
2,6-Dinitrotoluene
Concen: 8.764 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

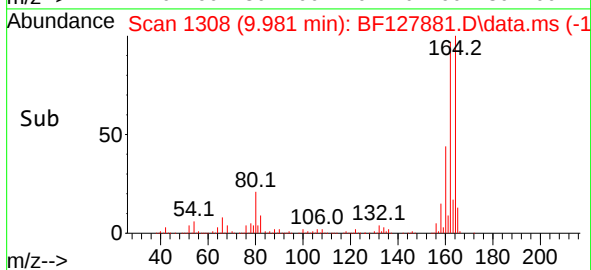
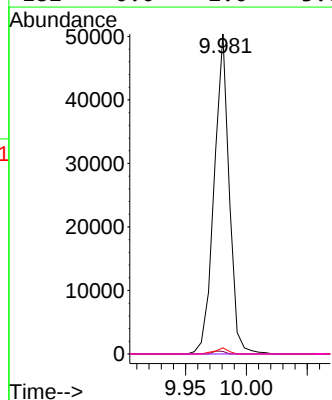
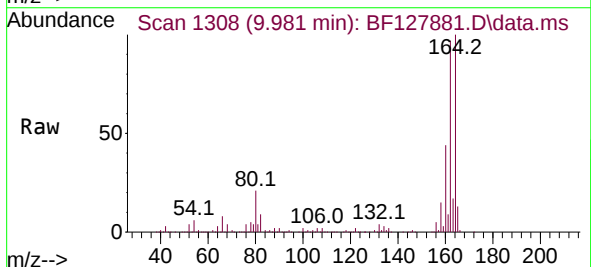
Instrument :
BNA_F
ClientSampleId :
PB144239BL

Tgt Ion:165 Resp: 43477
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.616 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

Tgt Ion:165 Resp: 43477
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#

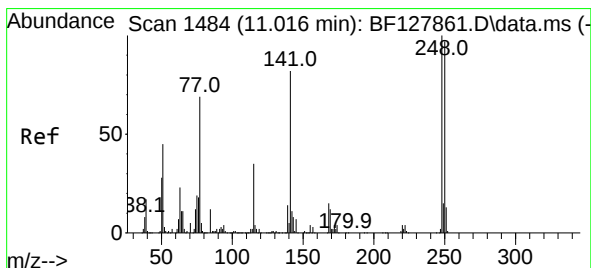
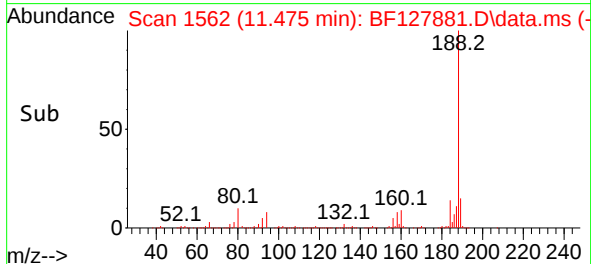
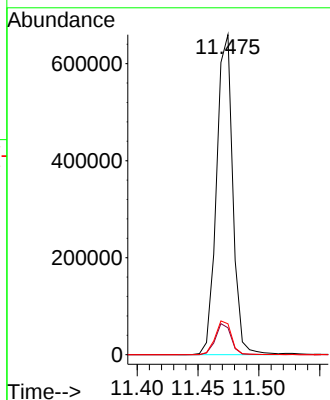
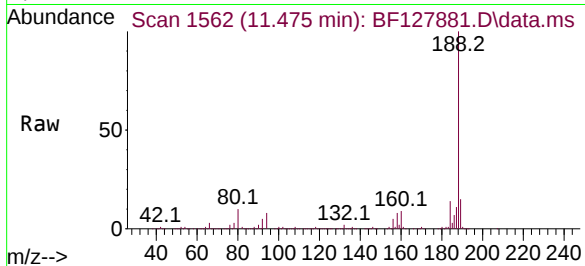




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

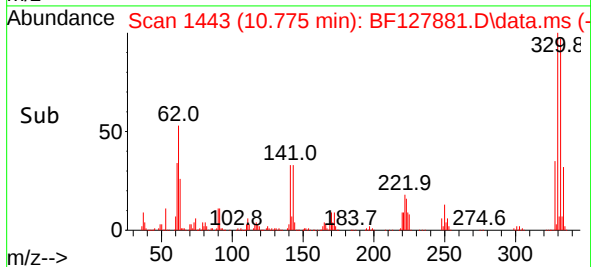
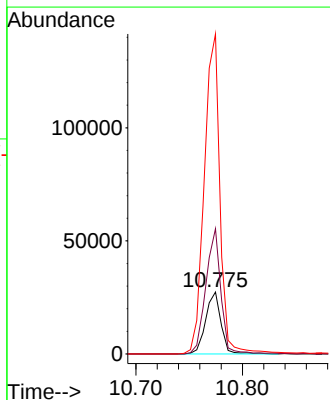
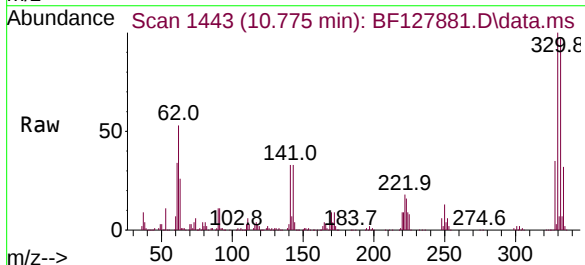
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BNA_F
ClientSampleId :
PB144239BL

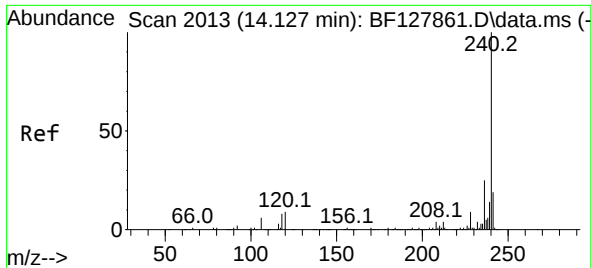
Tgt Ion:188 Resp: 615139
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.013 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

Tgt Ion:248 Resp: 27367
Ion Ratio Lower Upper
248 100
250 202.1 77.7 116.5#
141 516.4 65.6 98.4#

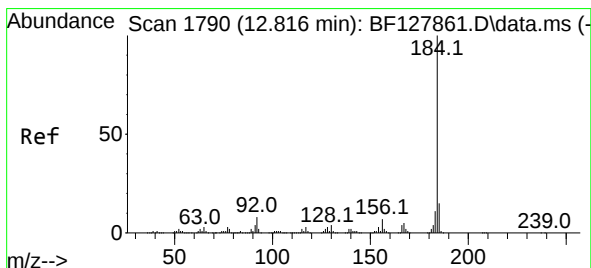
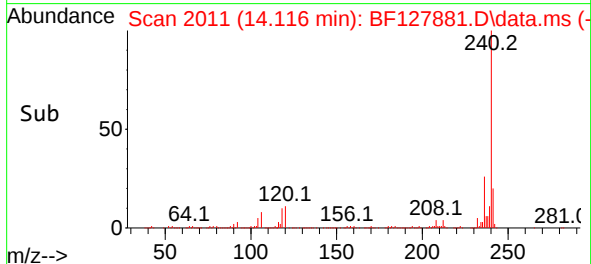
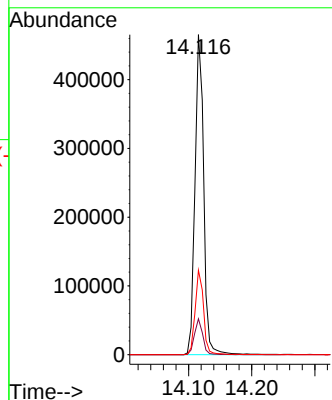
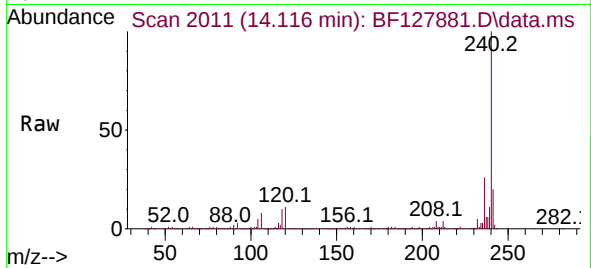




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

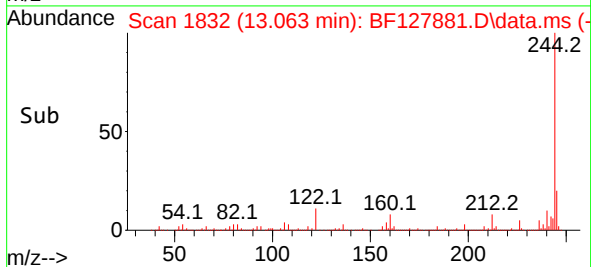
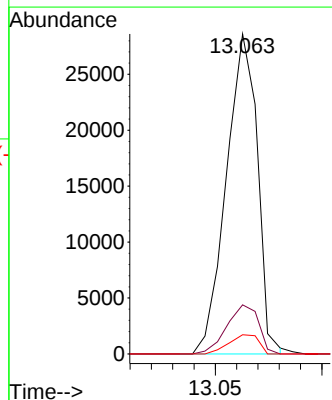
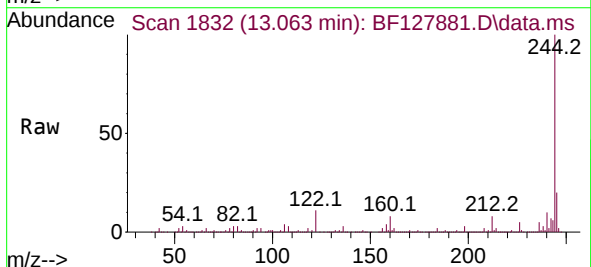
Instrument :
BNA_F
ClientSampleId :
PB144239BL

Tgt Ion:240 Resp: 443075
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 26.4 20.3 30.5



#77
Benzidine
Concen: 3.451 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127881.D
Acq: 25 Apr 2022 15:33

Tgt Ion:184 Resp: 28929
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 6.0 9.0 13.4#

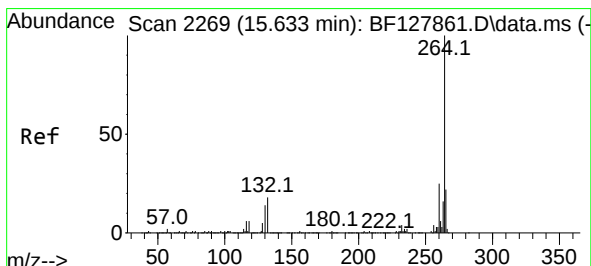
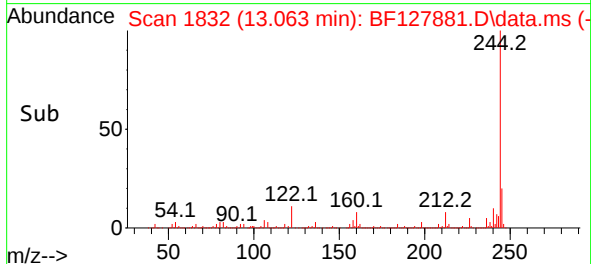
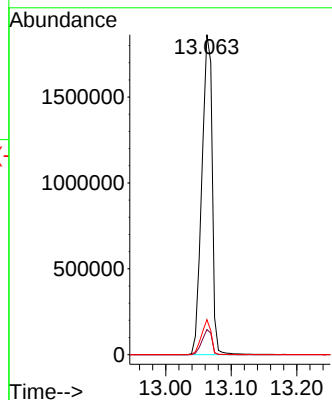
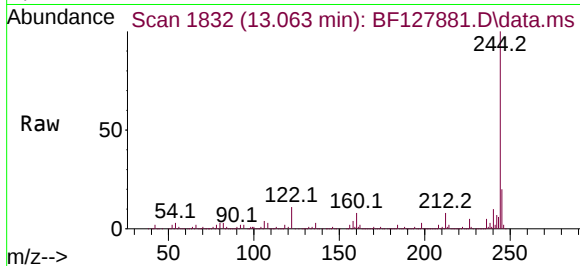




#79
 Terphenyl-d14
 Concen: 84.619 ng
 RT: 13.063 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF127881.D
 Acq: 25 Apr 2022 15:33

Instrument :
 BNA_F
 ClientSampleId :
 PB144239BL

Tgt Ion:244 Resp: 2050388
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF127881.D
 Acq: 25 Apr 2022 15:33

Tgt Ion:264 Resp: 360482
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 20.9 17.5 26.3

