

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127929.D
 Acq On : 26 Apr 2022 23:05
 Operator : CG\JU
 Sample : N2551-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220377-096-21-03-ELUTRIATE

Quant Time: Apr 27 01:49:40 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)

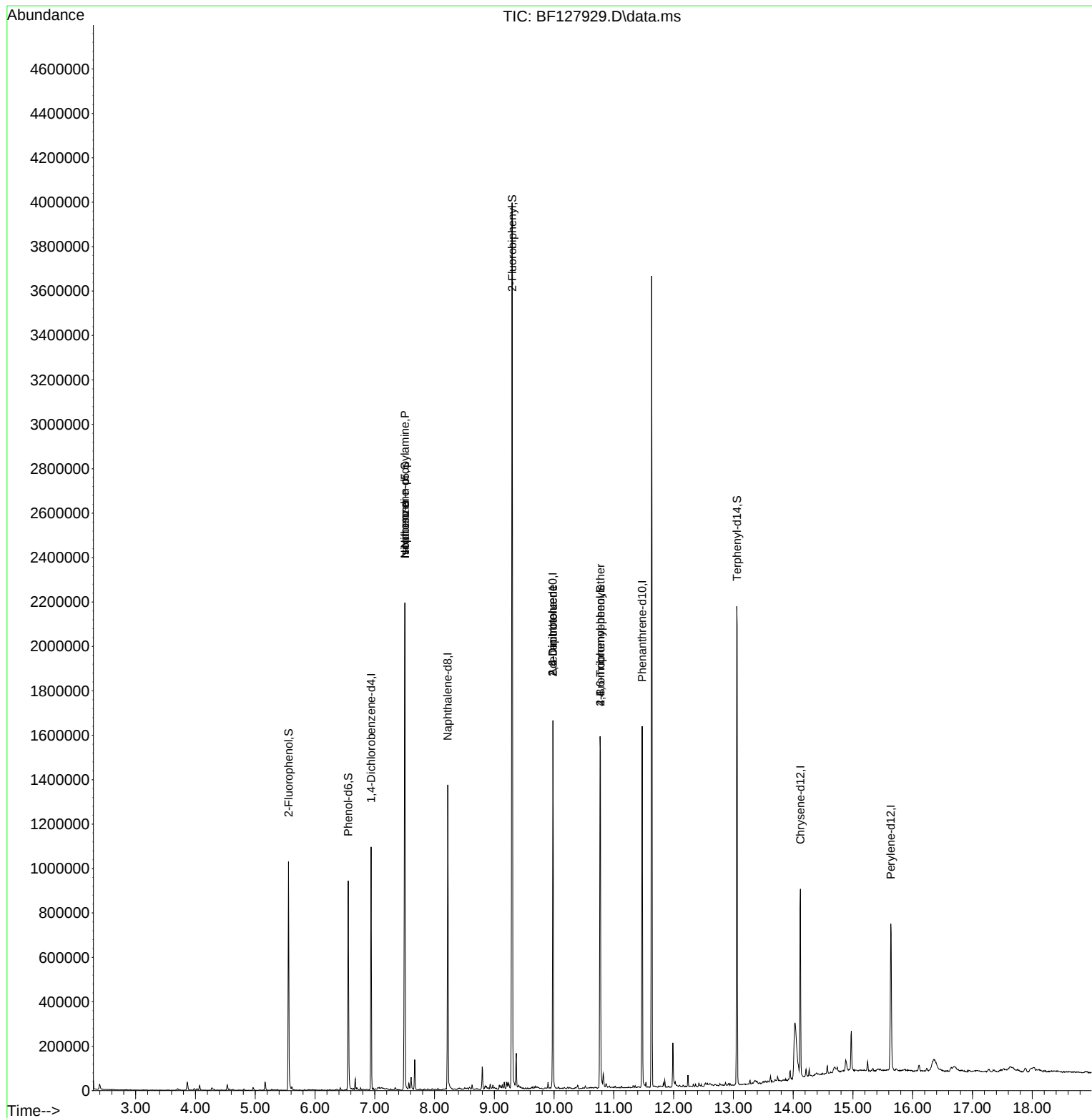
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	146775	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	584667	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	336677	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	566151	20.000	ng	0.00
76) Chrysene-d12	14.121	240	302477	20.000	ng	0.00
86) Perylene-d12	15.633	264	321238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	249353	27.059	ng	0.00
7) Phenol-d6	6.557	99	290181	24.269	ng	-0.01
23) Nitrobenzene-d5	7.504	82	722896	58.142	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	198516	58.573	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1209075	60.754	ng	0.00
79) Terphenyl-d14	13.063	244	777339	46.992	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	98748	13.491	ng	# 79
25) Isophorone	7.504	82	723023	34.551	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	44589	9.121	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	44590	6.886	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	12653	2.016	ng	# 1

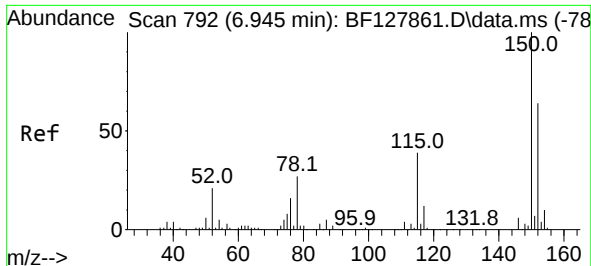
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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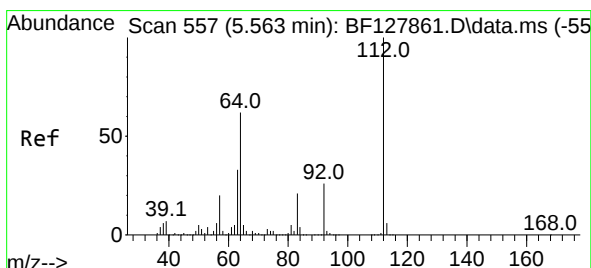
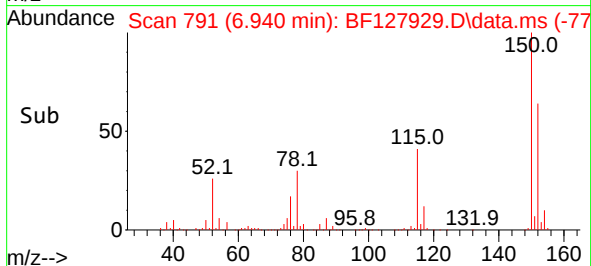
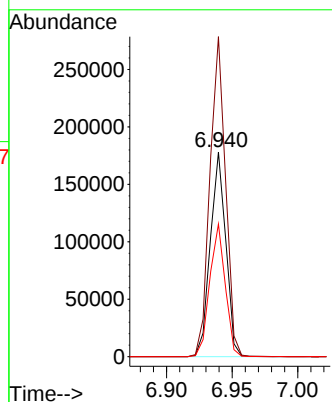
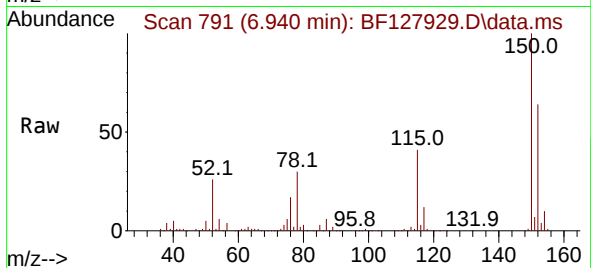




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

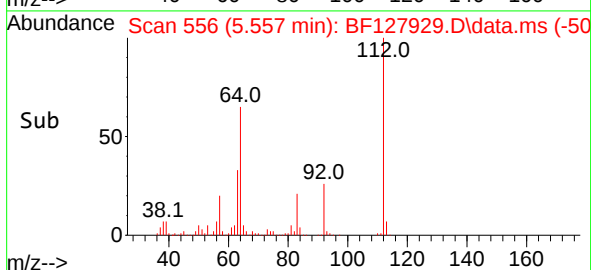
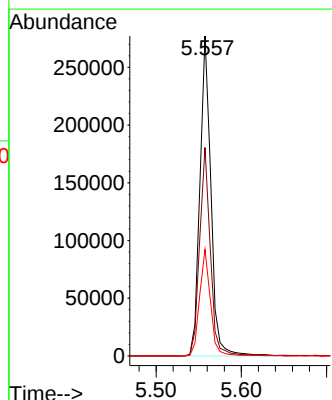
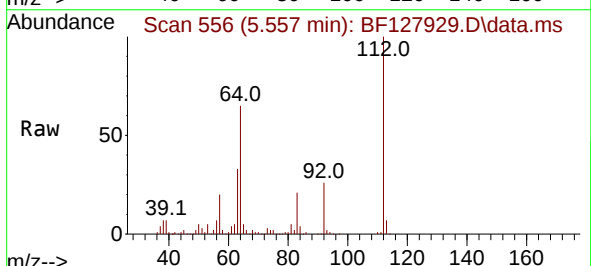
Instrument :
BNA_F
ClientSampleId :
20220377-096-21-03-ELUTRIATE

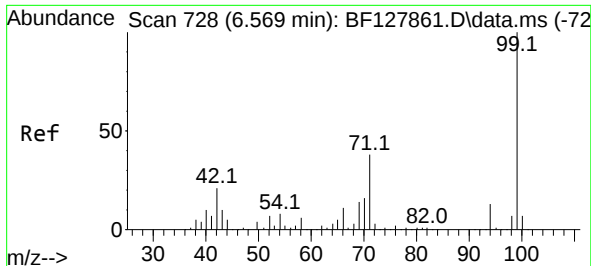
Tgt Ion:152 Resp: 146775
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 64.8 48.8 73.2



#5
2-Fluorophenol
Concen: 27.059 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

Tgt Ion:112 Resp: 249353
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 33.3 26.3 39.5

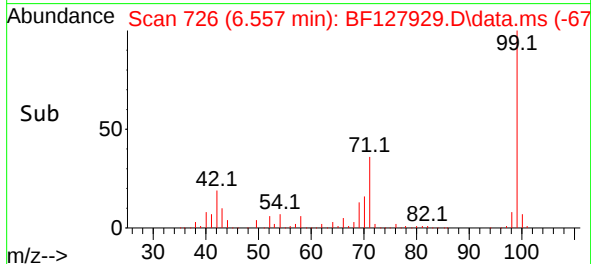
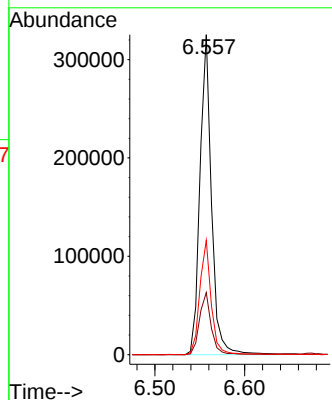
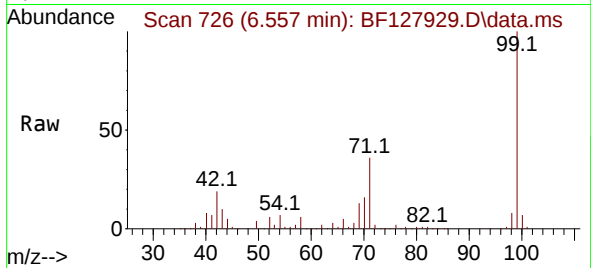




#7
Phenol-d6
Concen: 24.269 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

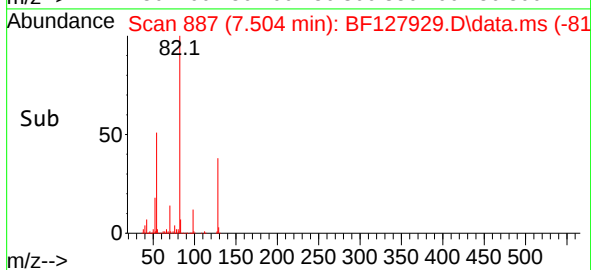
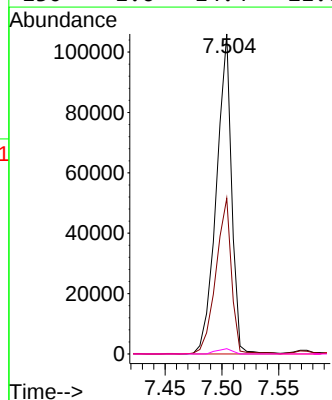
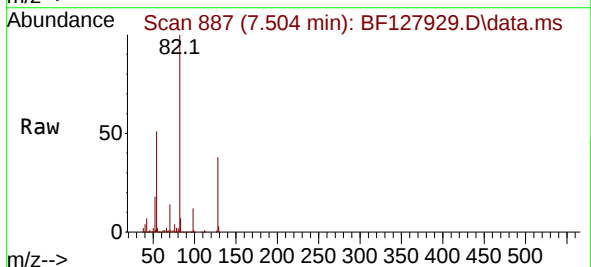
Instrument :
BNA_F
ClientSampleId :
20220377-096-21-03-ELUTRIATE

Tgt Ion: 99 Resp: 290181
Ion Ratio Lower Upper
99 100
42 19.4 16.6 24.8
71 35.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.491 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

Tgt Ion: 70 Resp: 98748
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

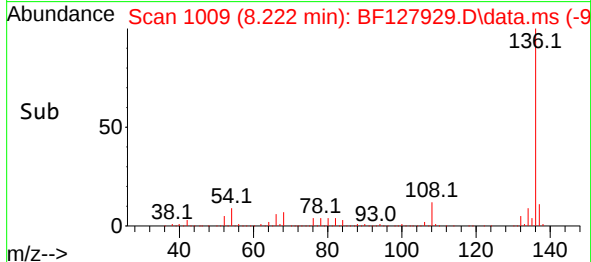
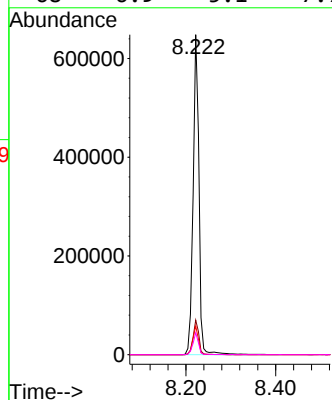
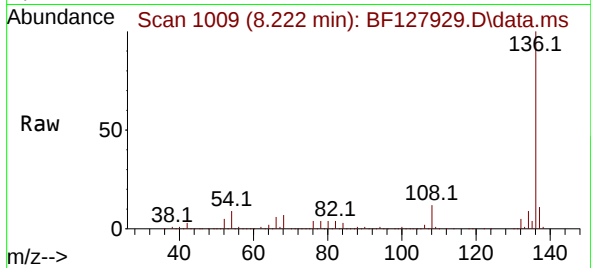




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

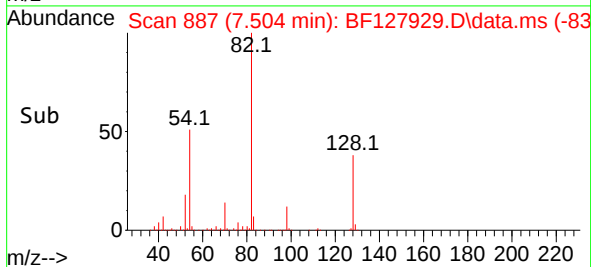
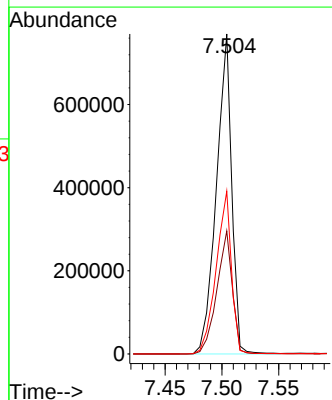
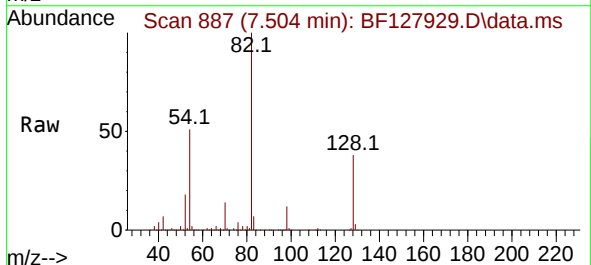
Instrument :
BNA_F
ClientSampleId :
20220377-096-21-03-ELUTRIATE

Tgt Ion:136	Resp: 584667		
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	6.8	10.2
68	6.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 58.142 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

Tgt Ion: 82	Resp: 722896
Ion Ratio	Lower Upper
82 100	
128 38.5	30.0 45.0
54 50.9	41.3 61.9

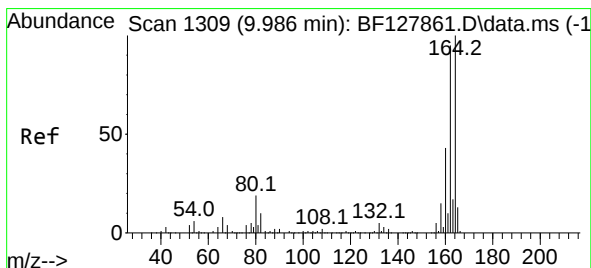
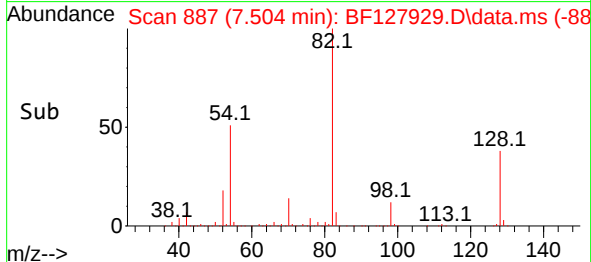
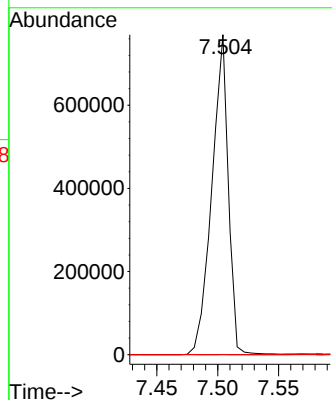
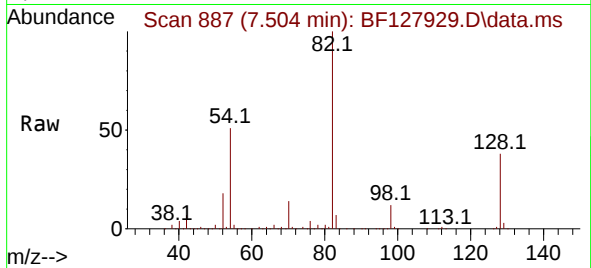




#25
Isophorone
Concen: 34.551 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

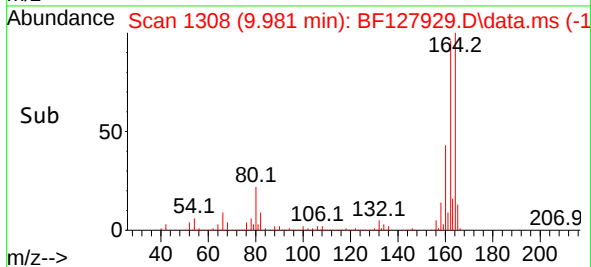
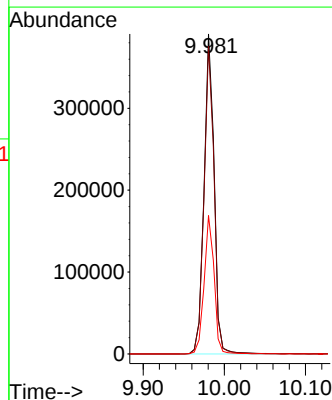
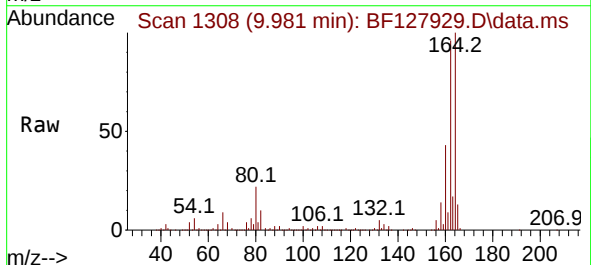
Instrument :
BNA_F
ClientSampleId :
20220377-096-21-03-ELUTRIATE

Tgt Ion: 82 Resp: 723023
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: BF127929.D
Acq: 26 Apr 2022 23:05

Tgt Ion:164 Resp: 336677
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.3 34.8 52.2

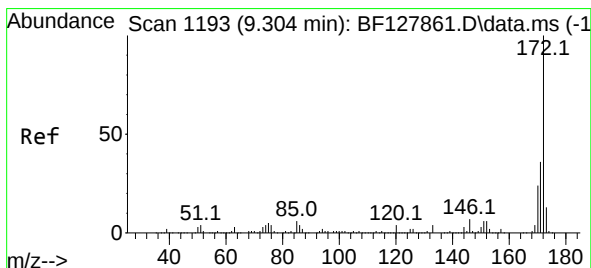
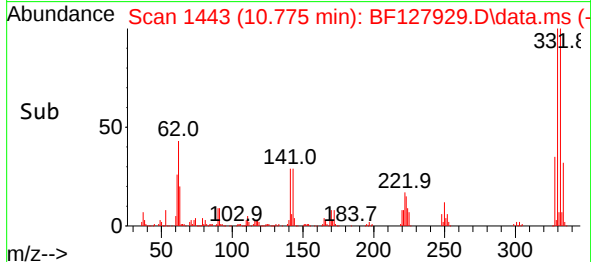
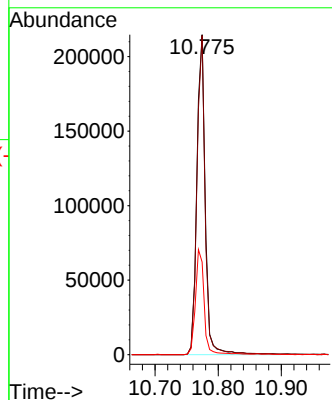
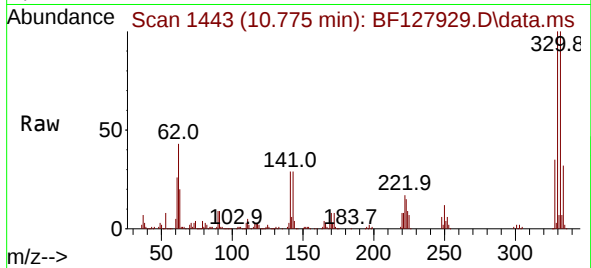




#42
2,4,6-Tribromophenol
Concen: 58.573 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

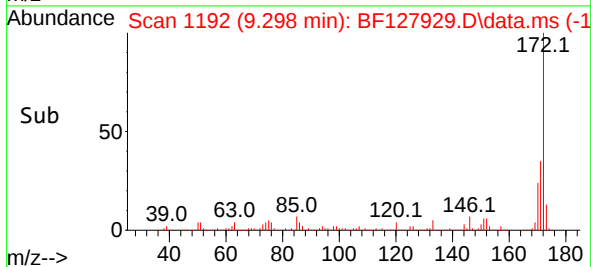
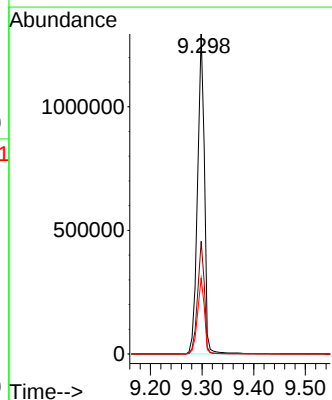
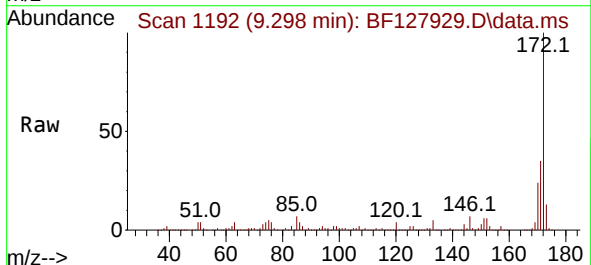
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ClientSampleId : 20220377-096-21-03-ELUTRIATE

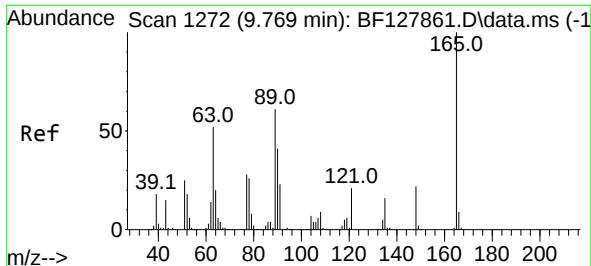
Tgt Ion:330 Resp: 198516
Ion Ratio Lower Upper
330 100
332 97.7 79.0 118.4
141 34.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 60.754 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

Tgt Ion:172 Resp: 1209075
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.7 19.1 28.7

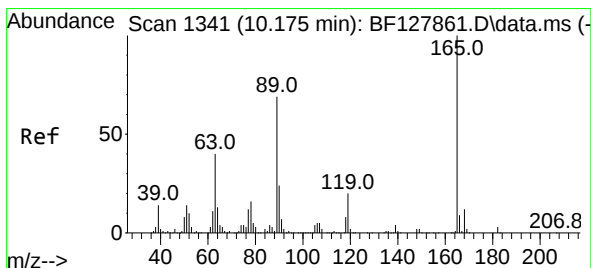
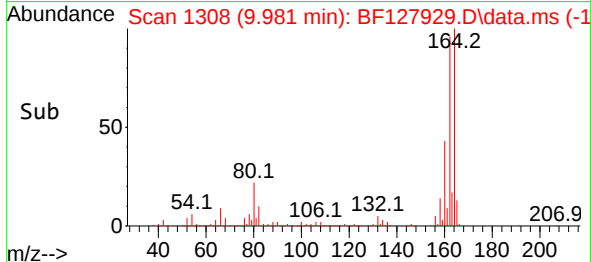
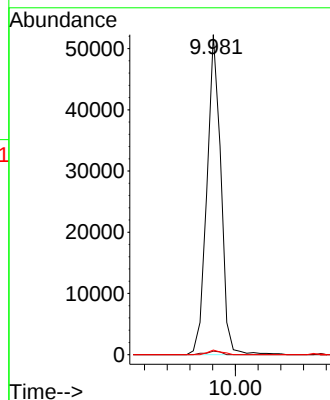
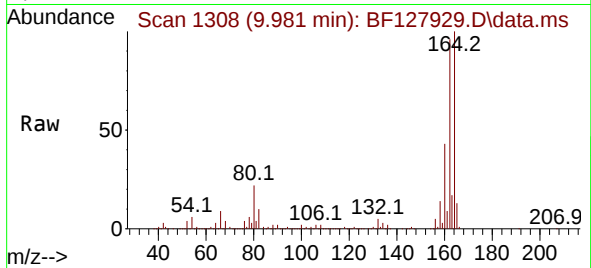




#51
2,6-Dinitrotoluene
Concen: 9.121 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

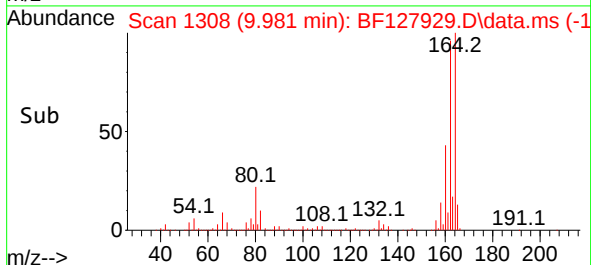
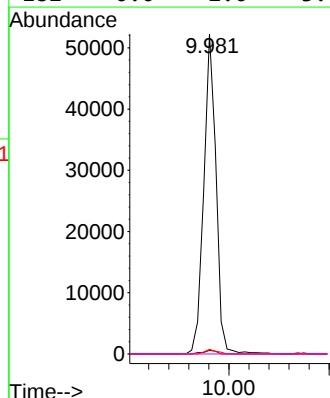
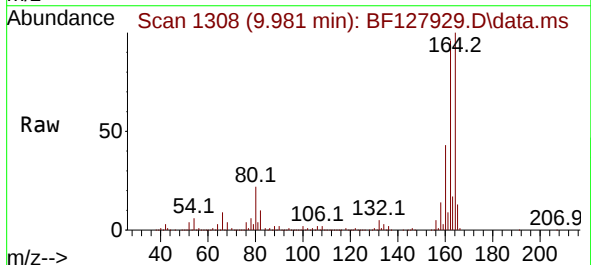
Instrument :
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ClientSampleId :
20220377-096-21-03-ELUTRIATE

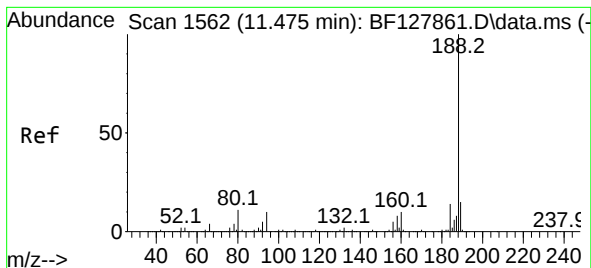
Tgt Ion:165 Resp: 44589
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.886 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

Tgt Ion:165 Resp: 44590
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127929.D

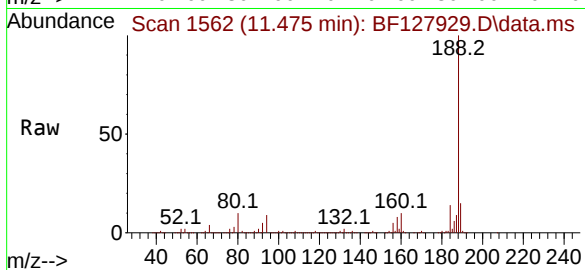
Acq: 26 Apr 2022 23:05

Instrument :

BNA_F

ClientSampleId :

20220377-096-21-03-ELUTRIATE



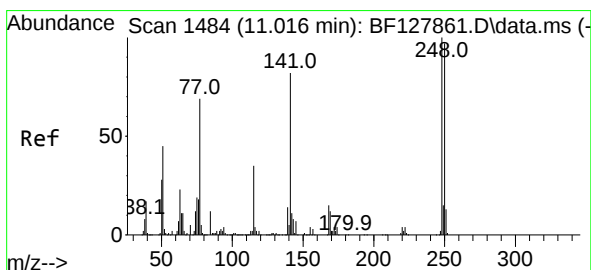
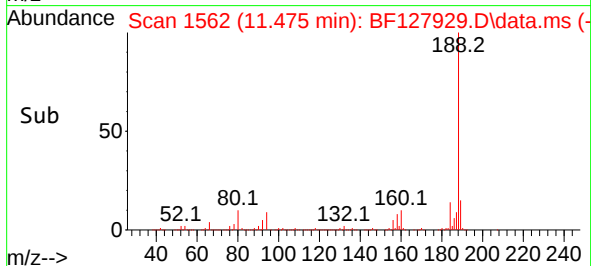
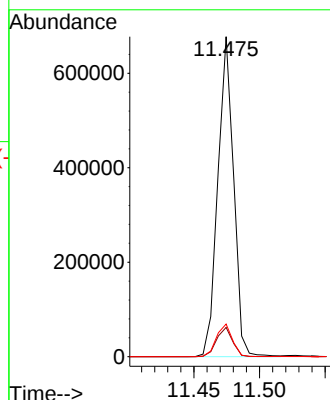
Tgt Ion:188 Resp: 566151

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 10.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.016 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF127929.D

Acq: 26 Apr 2022 23:05

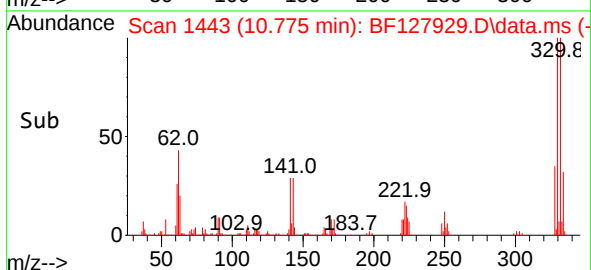
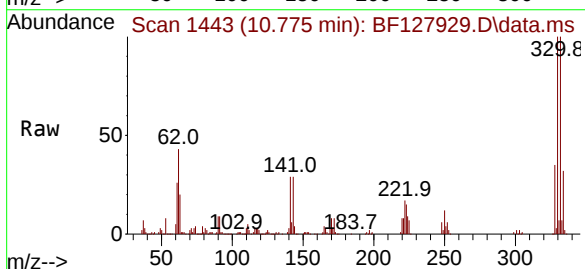
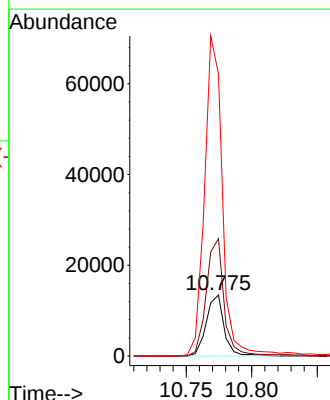
Tgt Ion:248 Resp: 12653

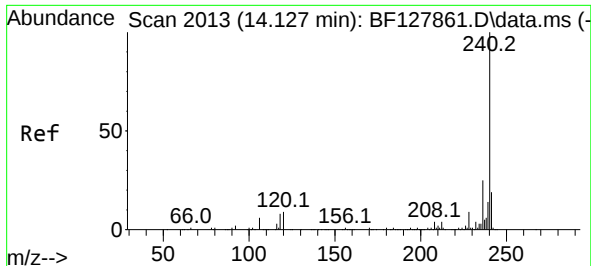
Ion Ratio Lower Upper

248 100

250 192.3 77.7 116.5#

141 462.9 65.6 98.4#

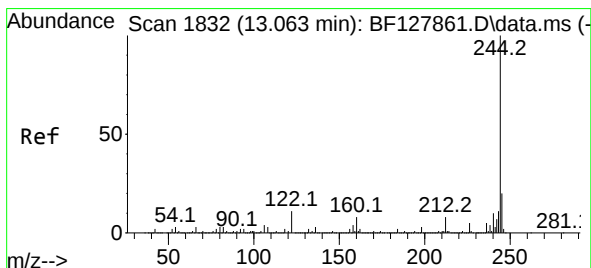
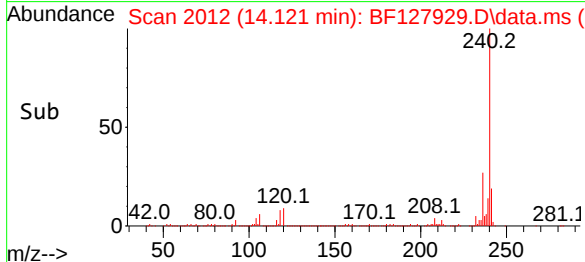
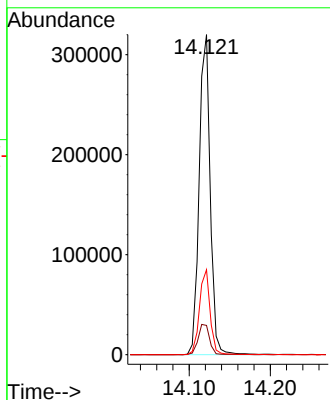
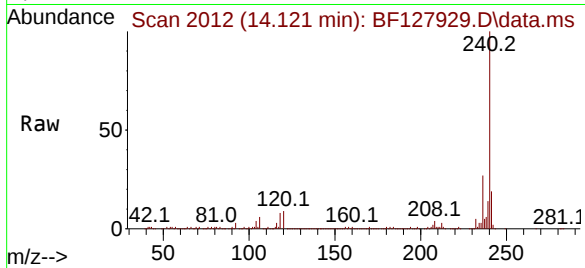




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

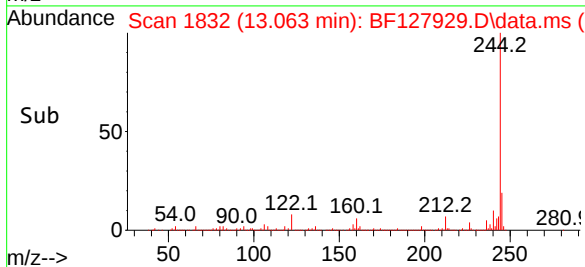
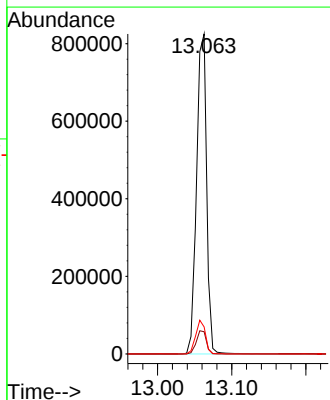
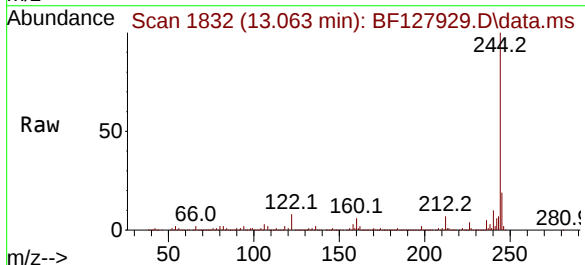
Instrument :
BNA_F
ClientSampleId :
20220377-096-21-03-ELUTRIATE

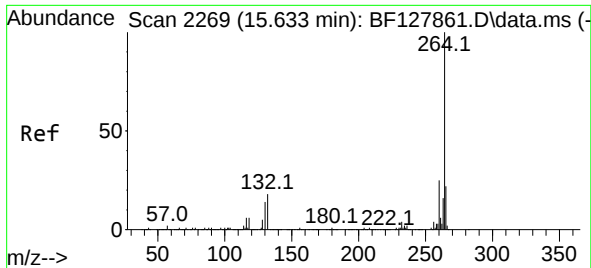
Tgt Ion:240 Resp: 302477
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 26.6 20.3 30.5



#79
Terphenyl-d14
Concen: 46.992 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF127929.D
Acq: 26 Apr 2022 23:05

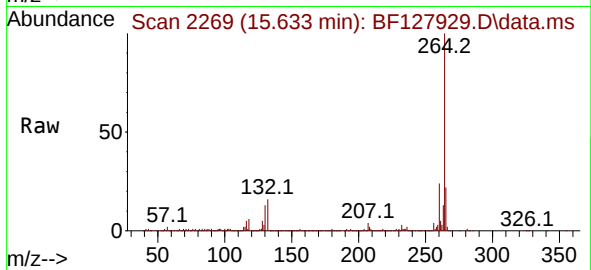
Tgt Ion:244 Resp: 777339
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 8.5 8.6 12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127929.D
 Acq: 26 Apr 2022 23:05

Instrument :
 BNA_F
 ClientSampleId :
 20220377-096-21-03-ELUTRIATE



Tgt Ion:264 Resp: 321238
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.9 17.5 26.3

