

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129928.D
 Acq On : 20 Aug 2022 01:19
 Operator : CG\JU
 Sample : N4224-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0816

Quant Time: Aug 20 07:58:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

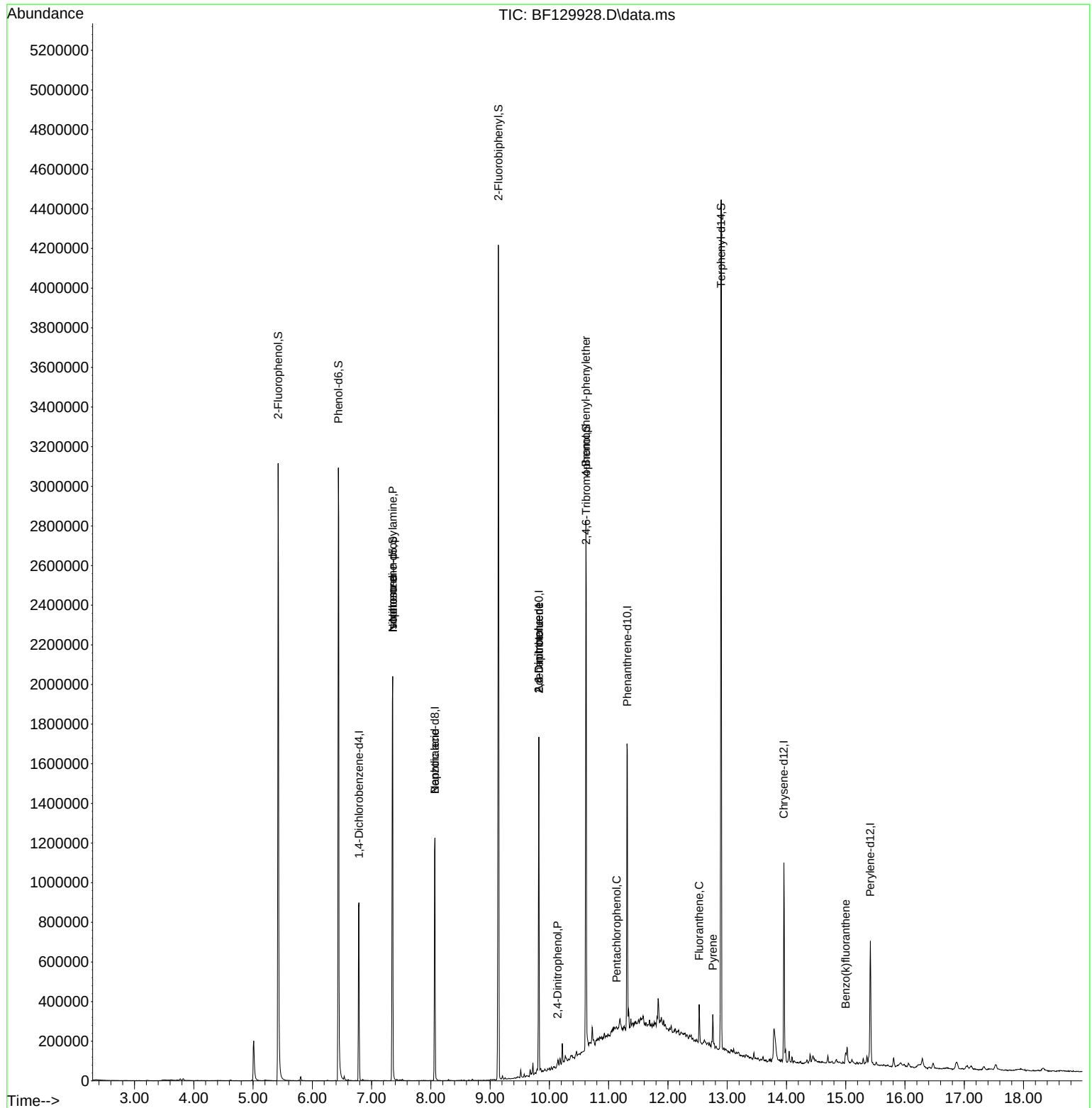
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	142871	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	578647	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	318386	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	535652	20.000	ng	0.00
76) Chrysene-d12	13.957	240	315170	20.000	ng	0.00
86) Perylene-d12	15.415	264	271538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	887536	102.855	ng	0.00
7) Phenol-d6	6.440	99	1148540	106.288	ng	0.00
23) Nitrobenzene-d5	7.357	82	713410	65.999	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	326832	102.279	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1318704	62.906	ng	0.00
79) Terphenyl-d14	12.898	244	1364994	72.065	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	1912	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	95433	13.972	ng	# 75
25) Isophorone	7.357	82	713406	38.346	ng	# 65
32) Benzoic acid	8.069	122	85	2.181	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	41711	8.425	ng	# 23
54) 2,4-Dinitrophenol	10.139	184	73	5.502	ng	# 14
57) 2,4-Dinitrotoluene	9.822	165	41711	6.490	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	20793	3.314	ng	# 1
70) Pentachlorophenol	11.133	266	59	5.209	ng	# 28
75) Fluoranthene	12.527	202	70010	2.287	ng	98
77) Benzidine	12.669	184	1522	Below Cal	#	1
78) Pyrene	12.757	202	60917	2.224	ng	98
89) Benzo(k)fluoranthene	14.998	252	35848	2.010	ng	94

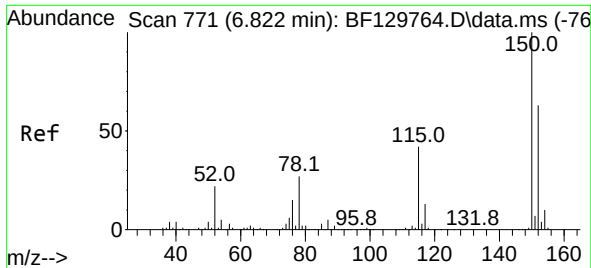
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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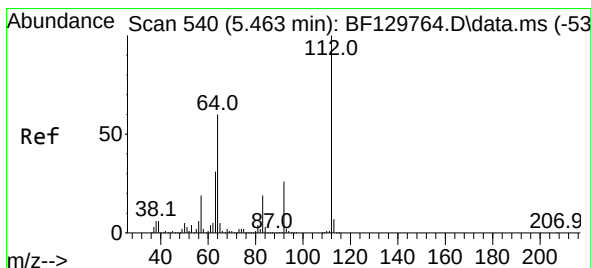
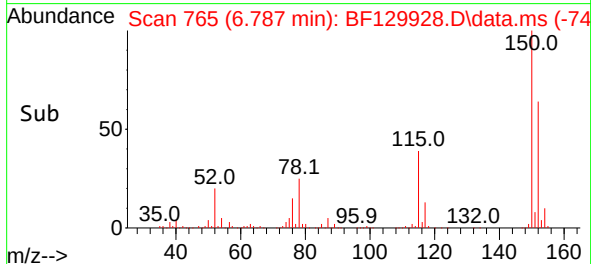
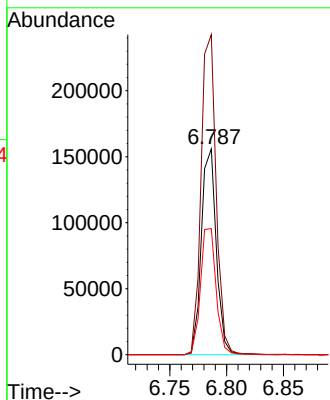
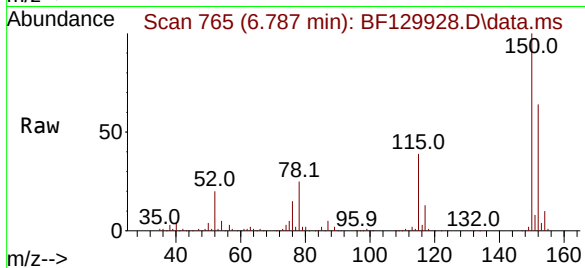




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

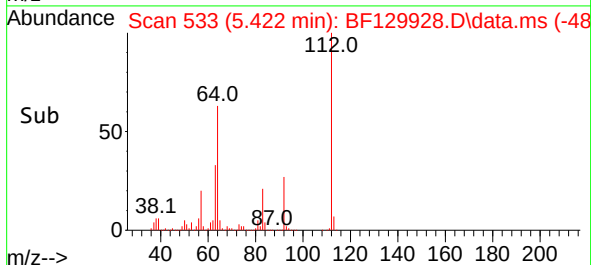
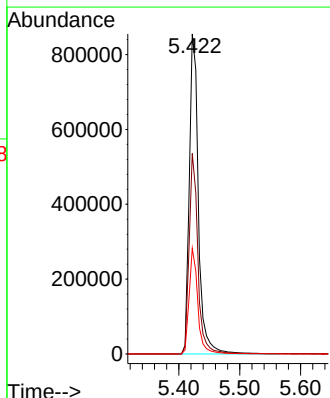
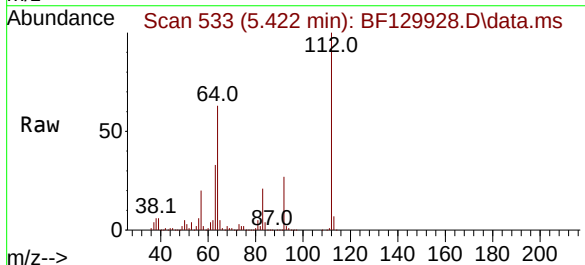
Instrument :
 BNA_F
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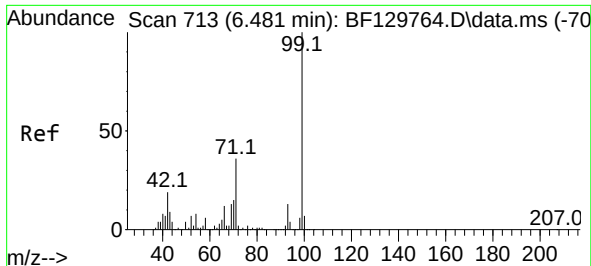
Tgt Ion:152 Resp: 142871
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 61.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 102.855 ng
 RT: 5.422 min Scan# 533
 Delta R.T. 0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

Tgt Ion:112 Resp: 887536
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.6 71.4
 63 33.0 24.6 37.0

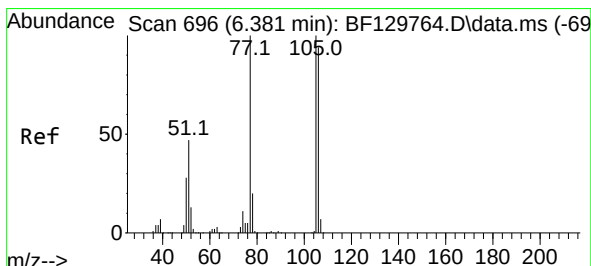
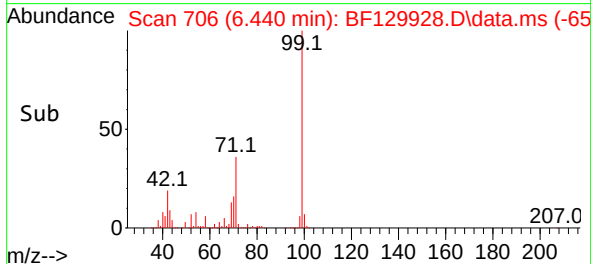
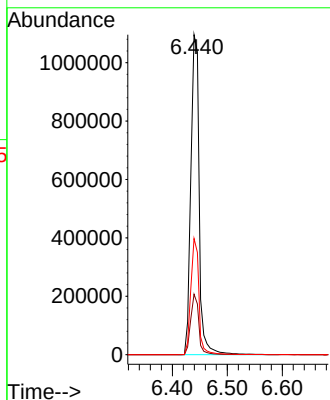
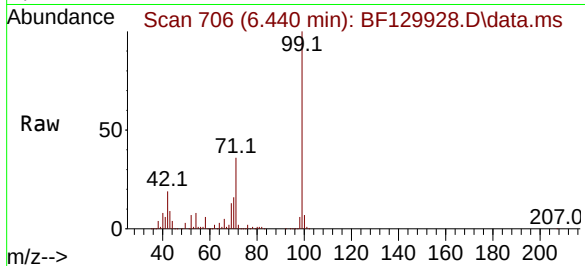




#7
Phenol-d6
Concen: 106.288 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

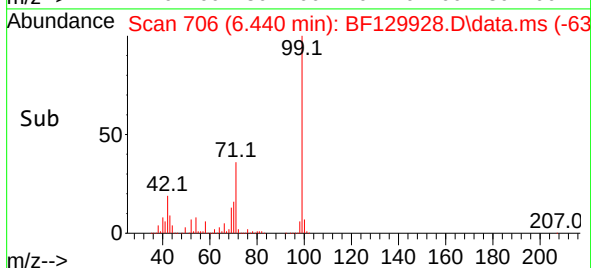
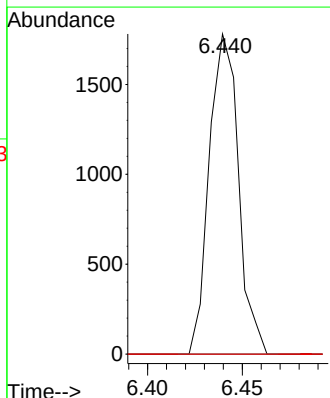
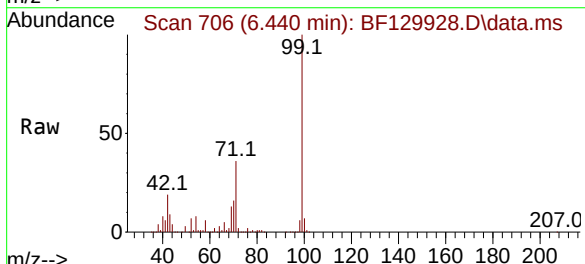
Instrument :
BNA_F
ClientSampleId :
TP3-0816

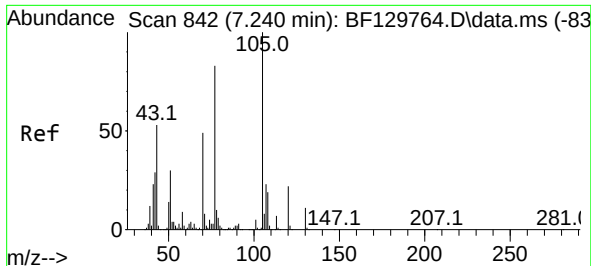
Tgt Ion: 99 Resp: 1148540
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 706
Delta R.T. 0.094 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion: 77 Resp: 1912
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

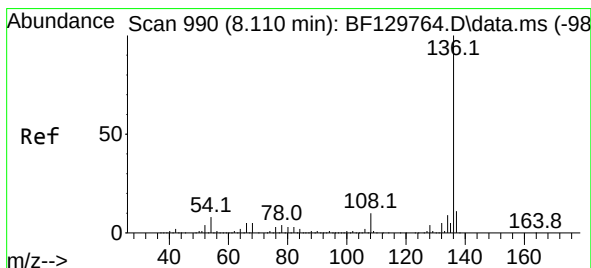
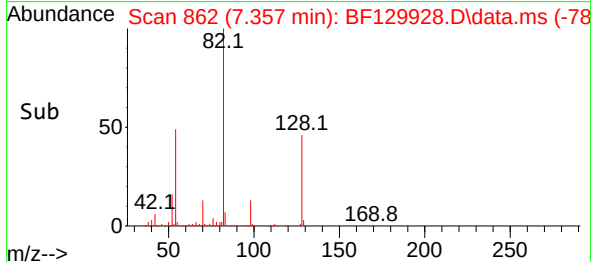
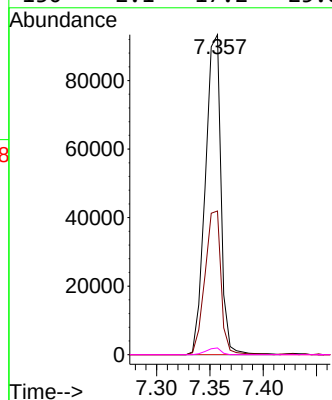
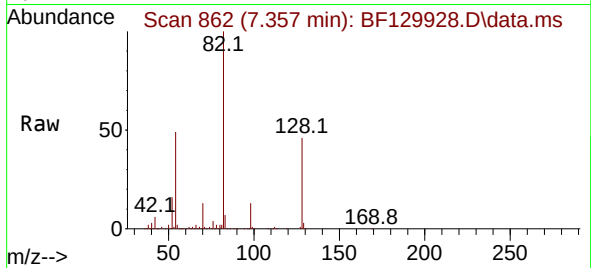




#19
n-Nitroso-di-n-propylamine
Concen: 13.972 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

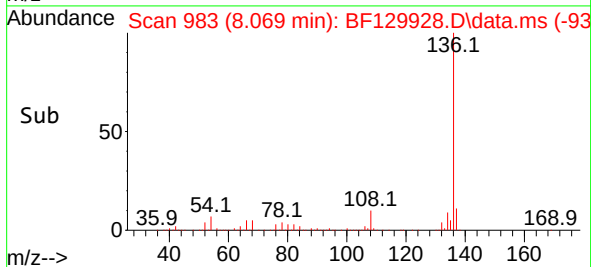
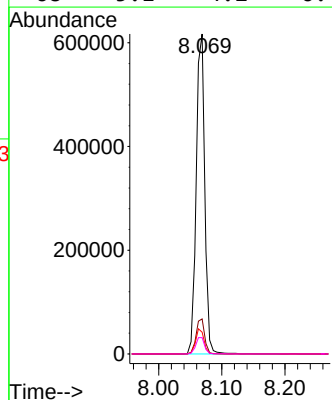
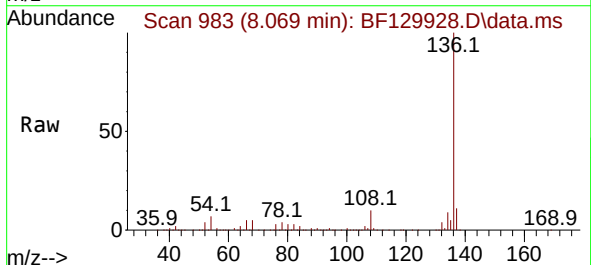
Instrument :
BNA_F
ClientSampleId :
TP3-0816

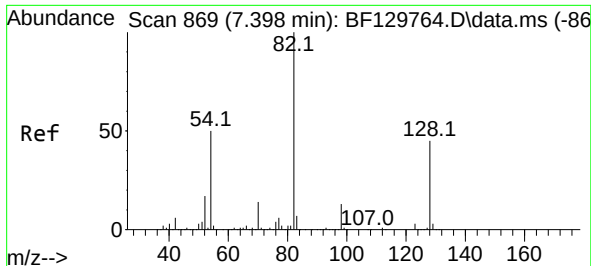
Tgt Ion: 70 Resp: 95433
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:136 Resp: 578647
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.8 6.2 9.2
68 5.1 4.2 6.4

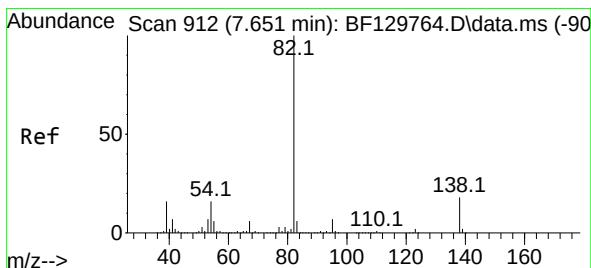
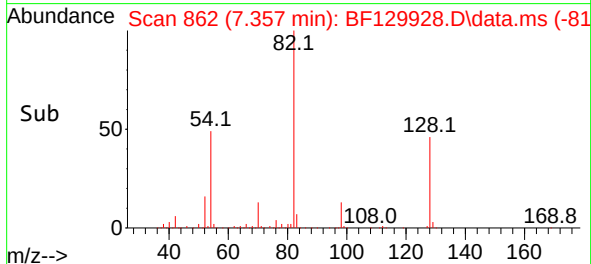
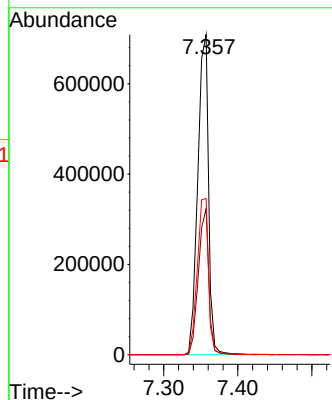
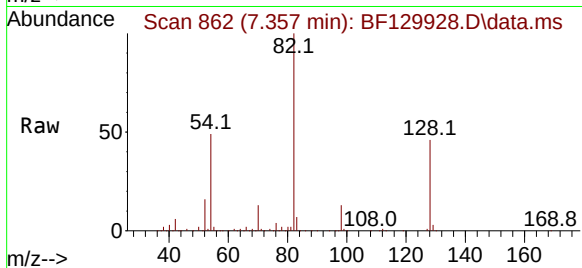




#23
Nitrobenzene-d5
Concen: 65.999 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

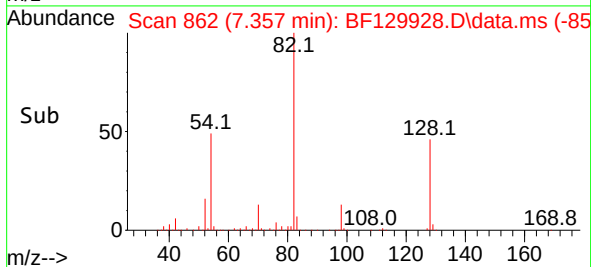
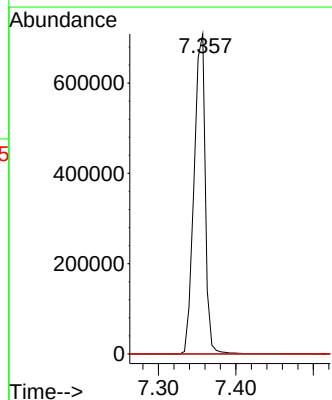
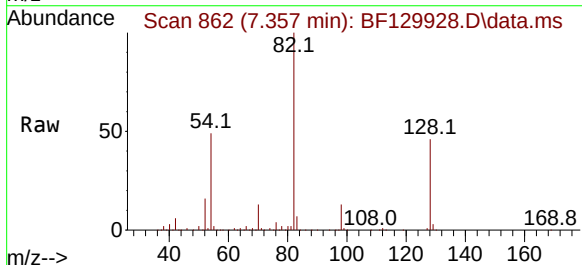
Instrument :
BNA_F
ClientSampleId :
TP3-0816

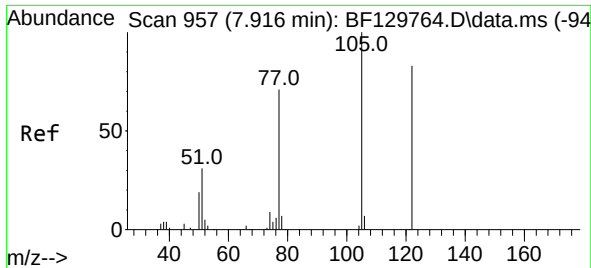
Tgt Ion: 82 Resp: 713410
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 48.8 40.0 60.0



#25
Isophorone
Concen: 38.346 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.259 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion: 82 Resp: 713406
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

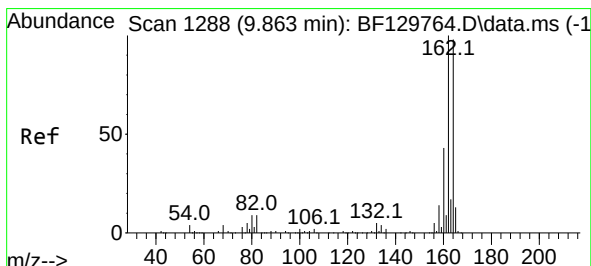
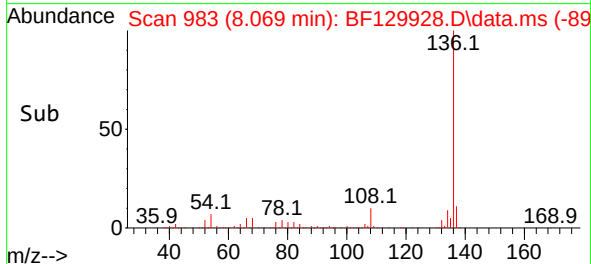
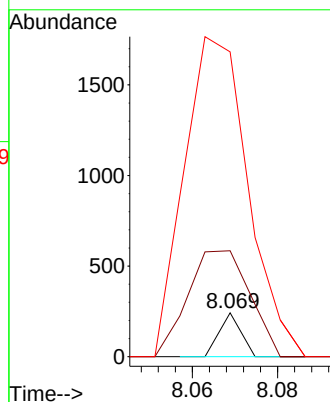
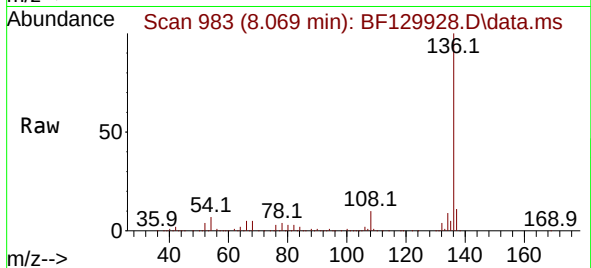




#32
Benzoic acid
Concen: 2.181 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

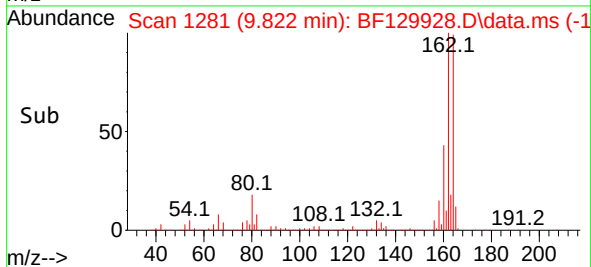
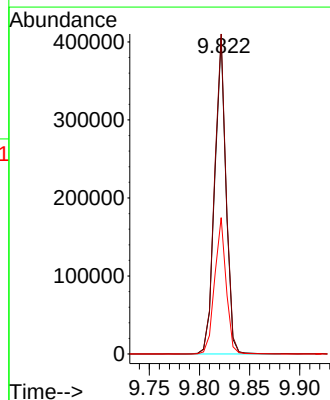
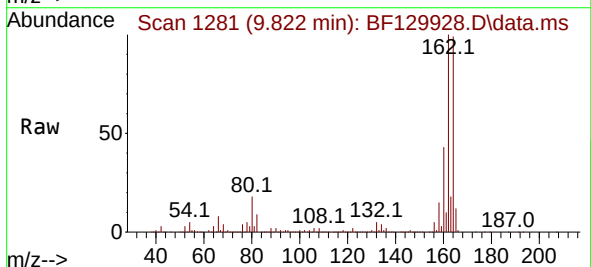
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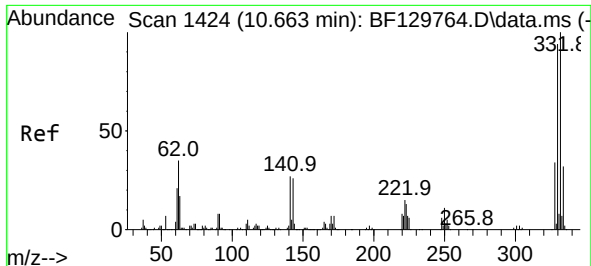
Tgt Ion:122 Resp: 85
Ion Ratio Lower Upper
122 100
105 241.7 99.9 139.9#
77 695.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:164 Resp: 318386
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 43.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 102.279 ng

RT: 10.622 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129928.D

Acq: 20 Aug 2022 01:19

Instrument :

BNA_F

ClientSampleId :

TP3-0816

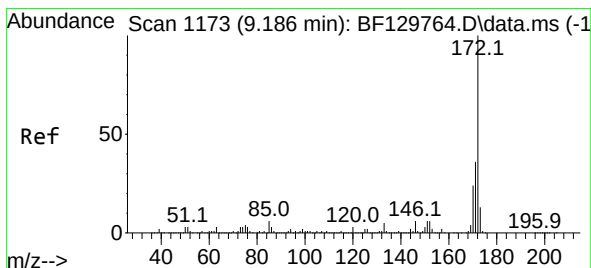
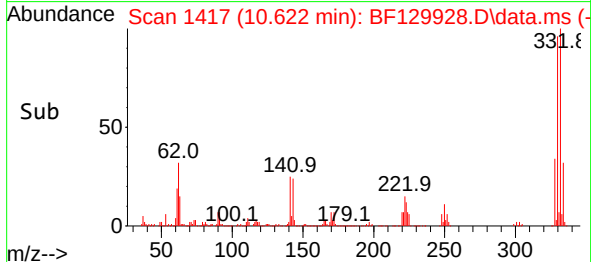
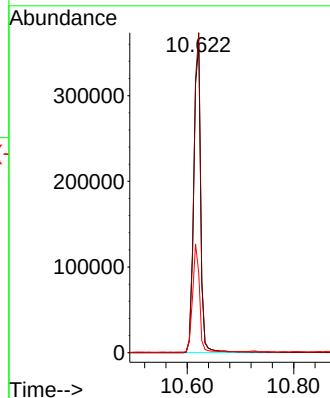
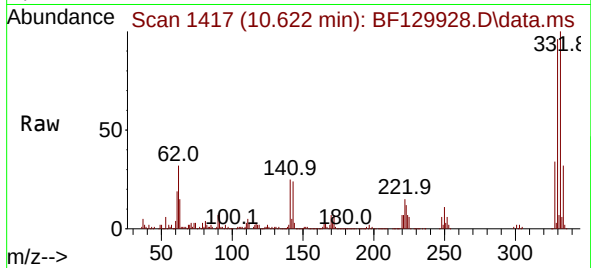
Tgt Ion:330 Resp: 326832

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 62.906 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129928.D

Acq: 20 Aug 2022 01:19

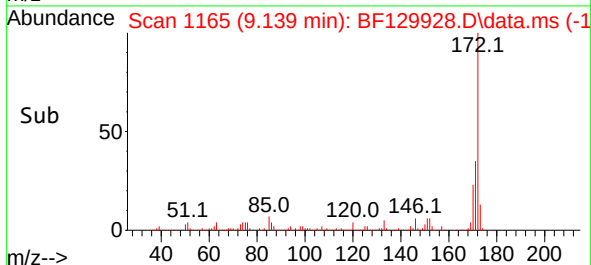
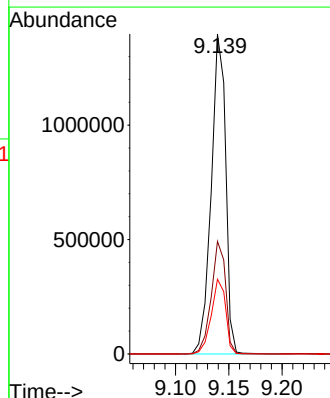
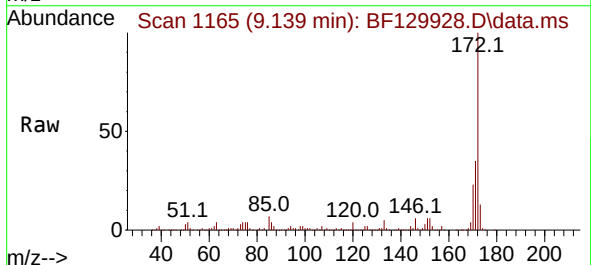
Tgt Ion:172 Resp: 1318704

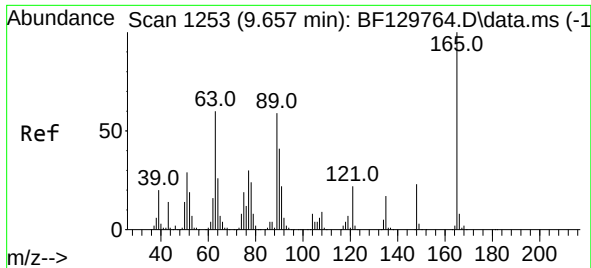
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.3 19.1 28.7

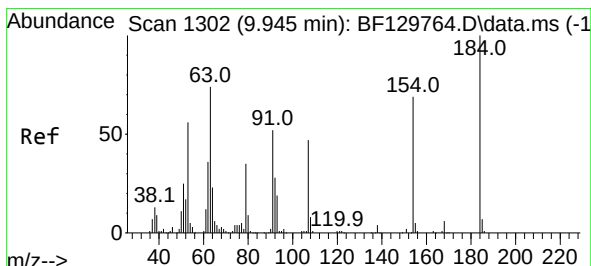
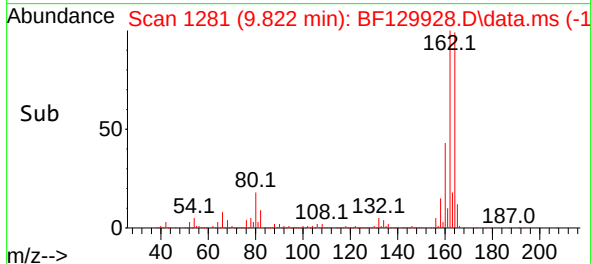
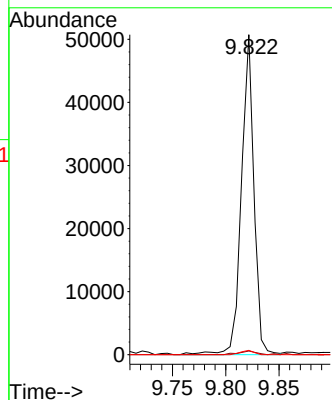
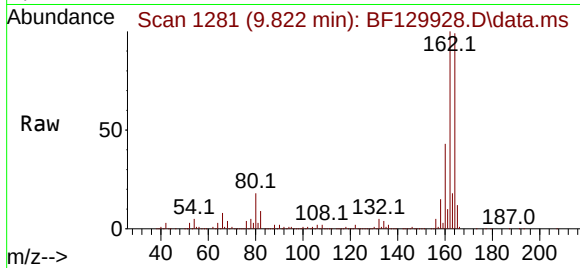




#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

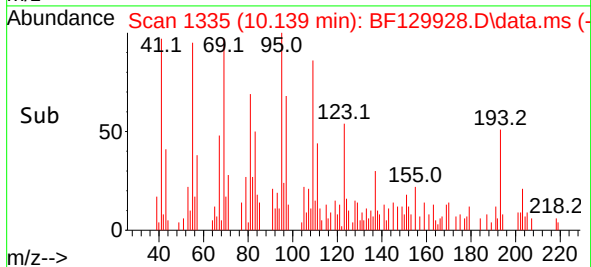
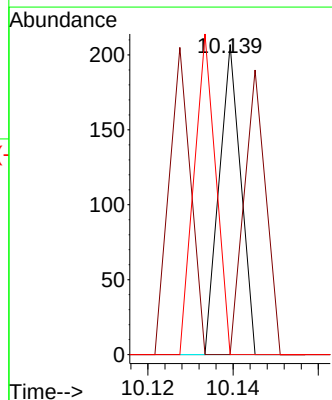
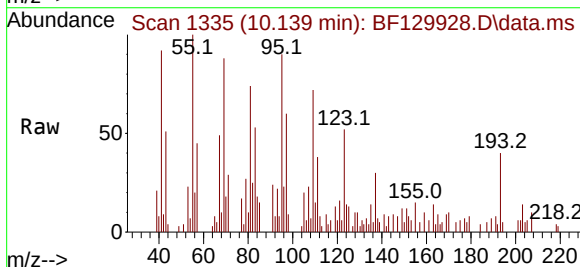
Instrument :
BNA_F
ClientSampleId :
TP3-0816

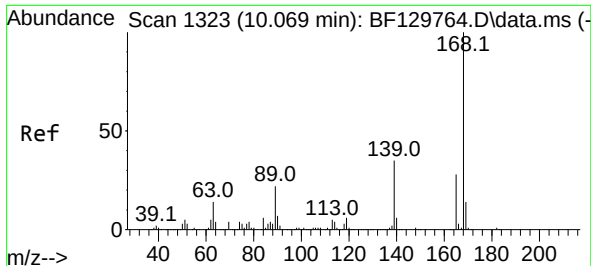
Tgt Ion:165 Resp: 41711
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.3 47.2 70.8#



#54
2,4-Dinitrophenol
Concen: 5.502 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.224 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 55.3 82.9#

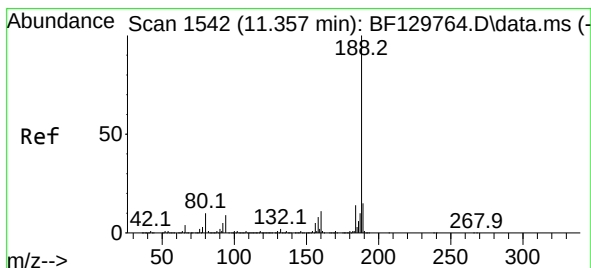
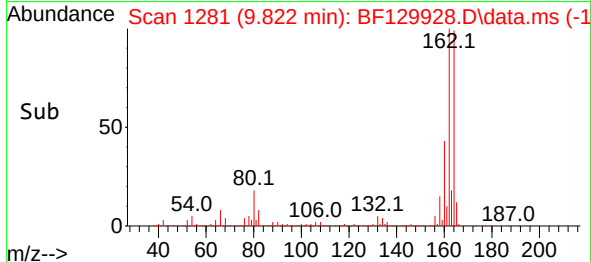
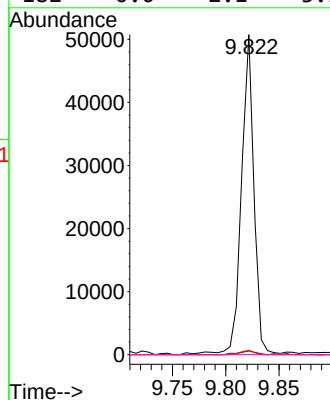
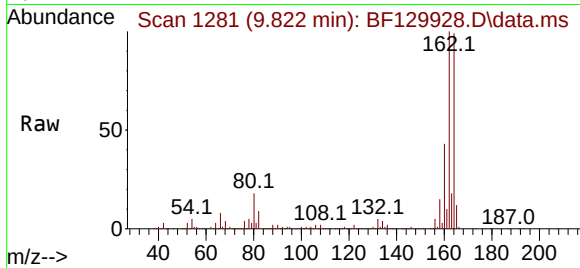




#57
2,4-Dinitrotoluene
Concen: 6.490 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

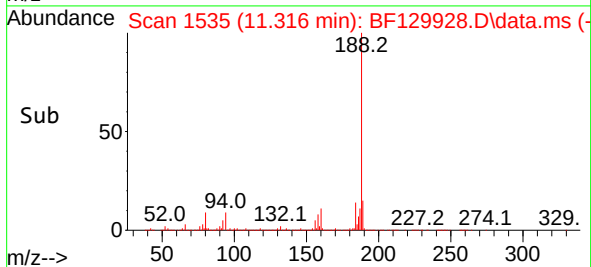
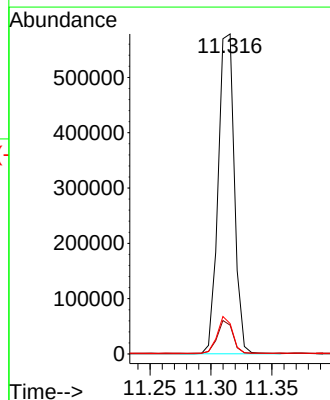
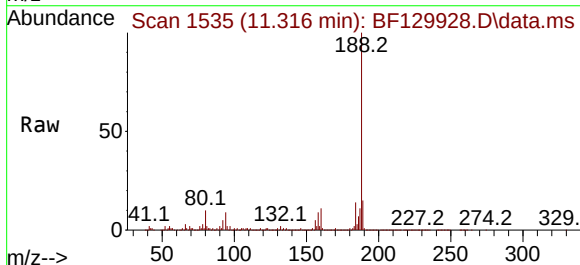
Instrument :
BNA_F
ClientSampleId :
TP3-0816

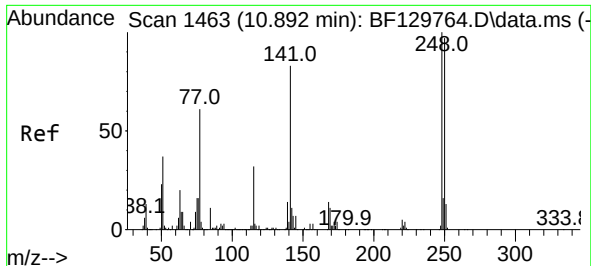
Tgt Ion:165 Resp: 41711
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:188 Resp: 535652
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 7.9 11.9

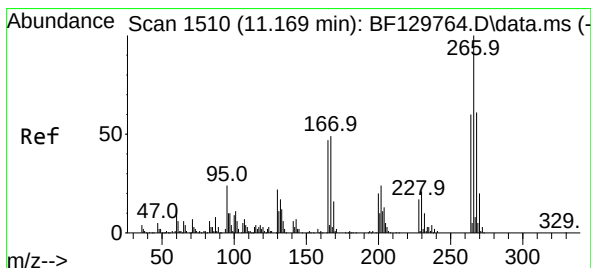
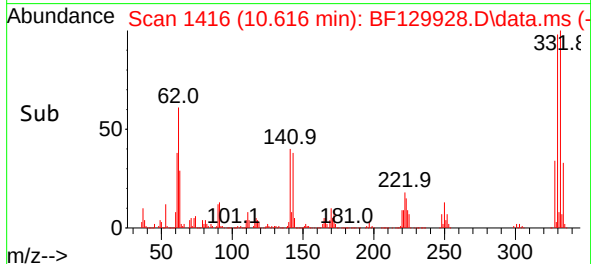
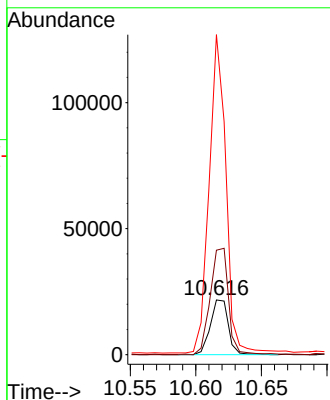
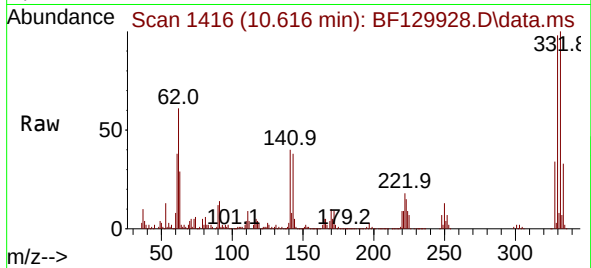




#67
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

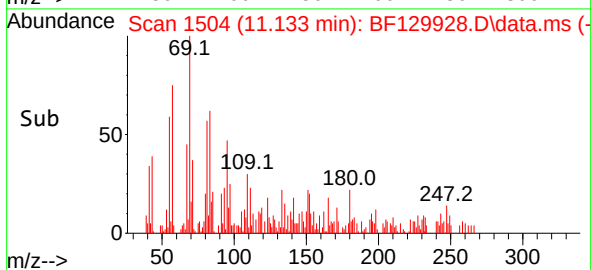
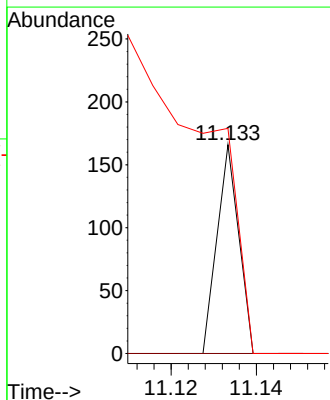
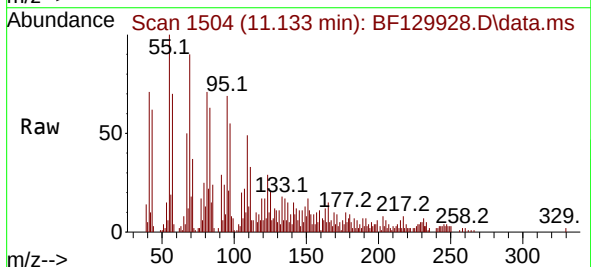
Instrument :
BNA_F
ClientSampleId :
TP3-0816

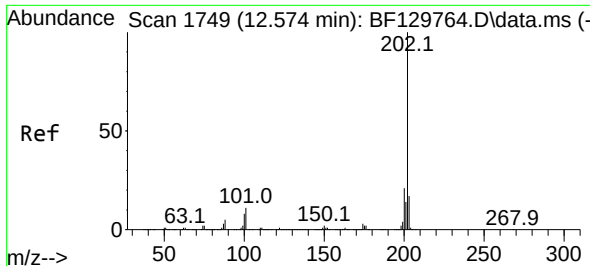
Tgt Ion:248 Resp: 20793
Ion Ratio Lower Upper
248 100
250 190.7 77.8 116.6#
141 584.1 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.209 ng
RT: 11.133 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
268 0.0 49.0 73.4#
264 107.8 47.9 71.9#

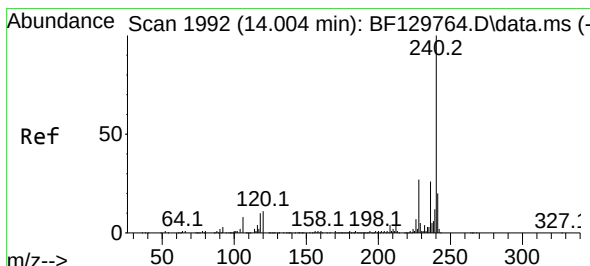
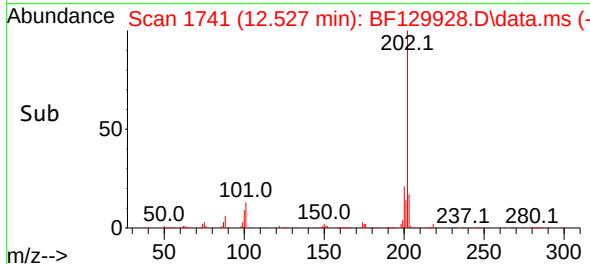
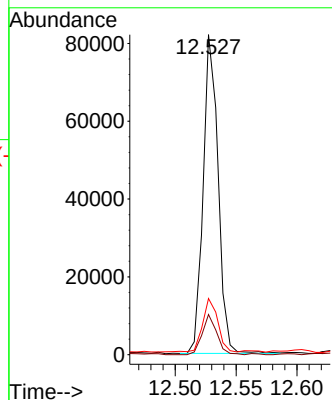
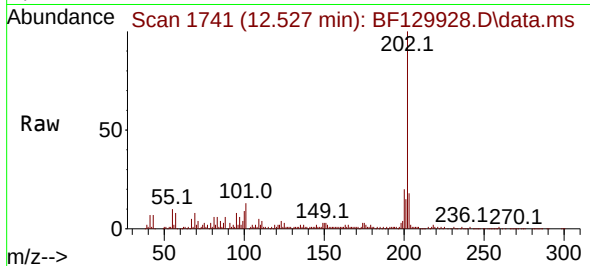




#75
Fluoranthene
Concen: 2.287 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

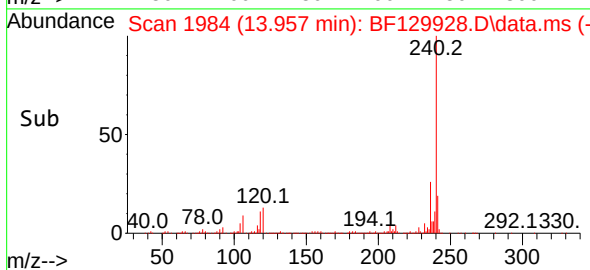
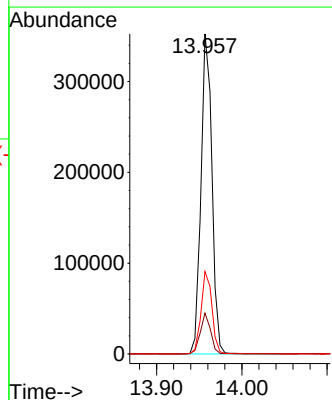
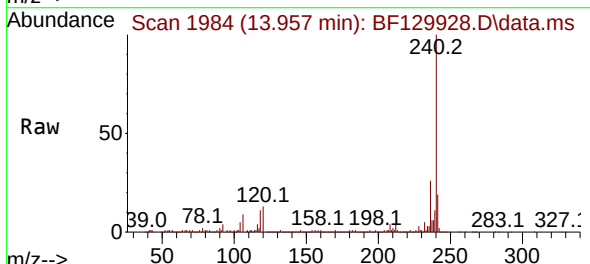
Instrument :
BNA_F
ClientSampleId :
TP3-0816

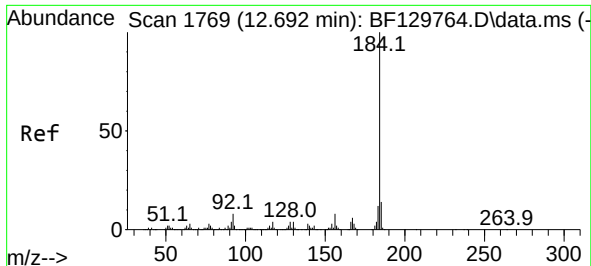
Tgt Ion:202 Resp: 70010
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:240 Resp: 315170
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 25.7 20.7 31.1

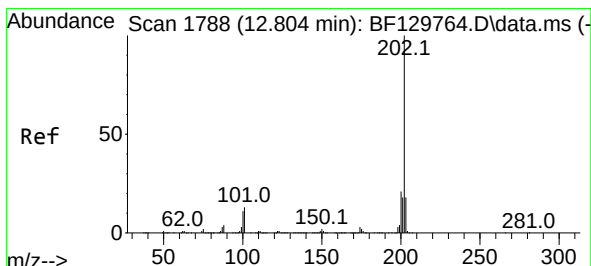
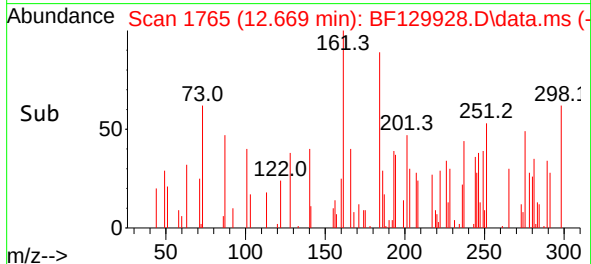
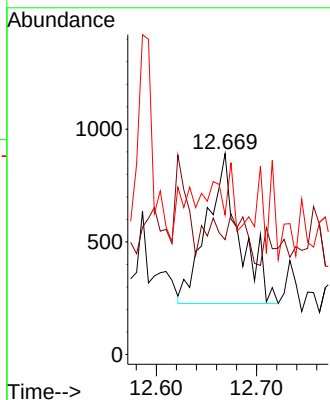
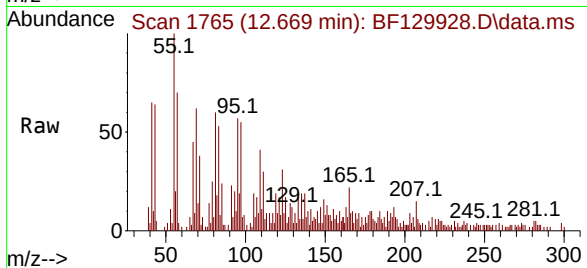




#77
Benzidine
Concen: Below Cal
RT: 12.669 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

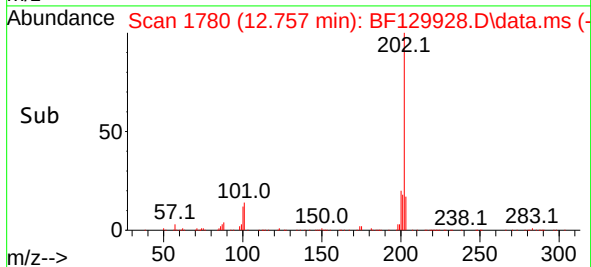
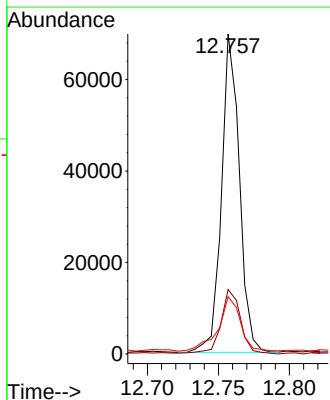
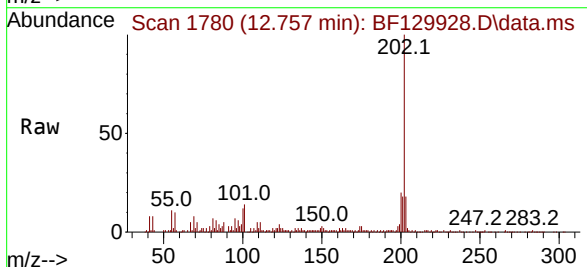
Instrument :
BNA_F
ClientSampleId :
TP3-0816

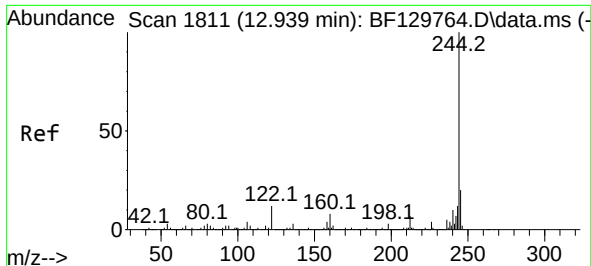
Tgt Ion:184 Resp: 1522
Ion Ratio Lower Upper
184 100
185 57.2 11.4 17.2#
183 69.5 9.4 14.2#



#78
Pyrene
Concen: 2.224 ng
RT: 12.757 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF129928.D
Acq: 20 Aug 2022 01:19

Tgt Ion:202 Resp: 60917
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.6
203 17.9 14.1 21.1

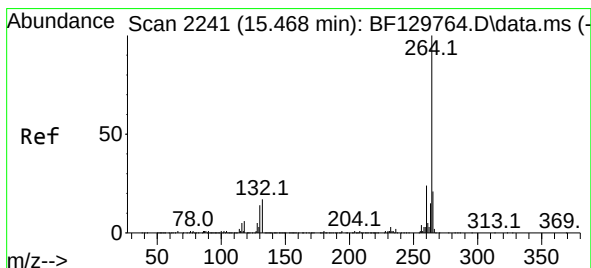
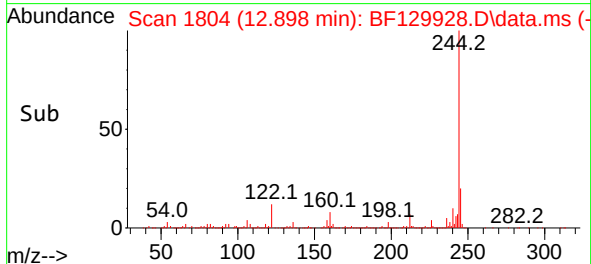
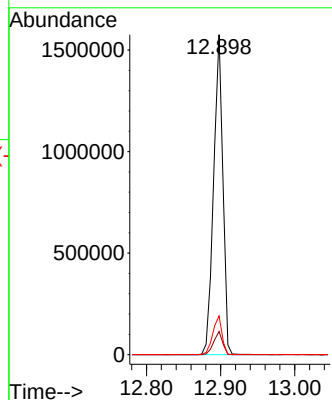
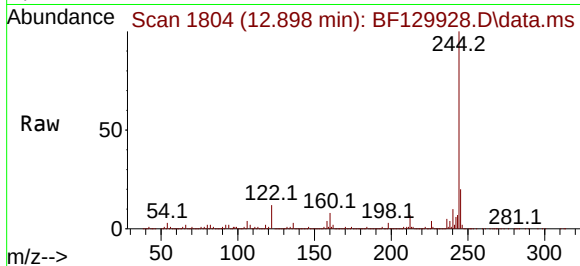




#79
 Terphenyl-d14
 Concen: 72.065 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

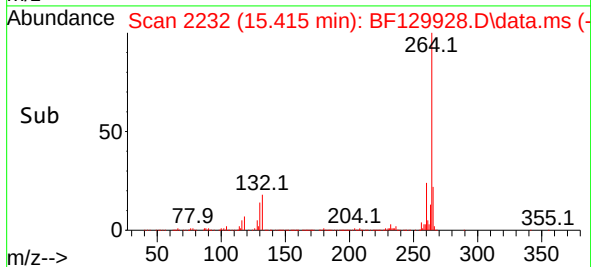
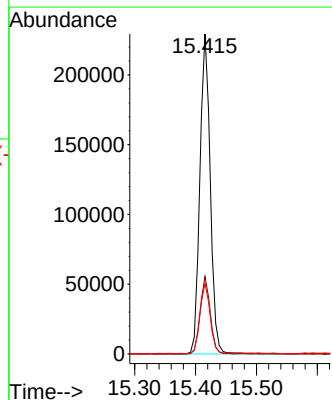
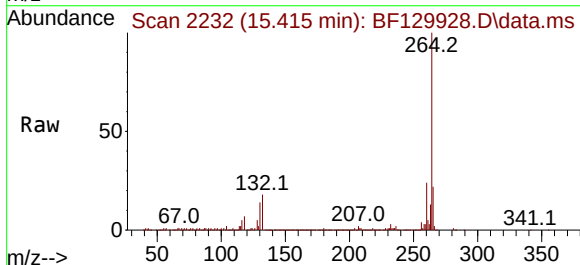
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0816

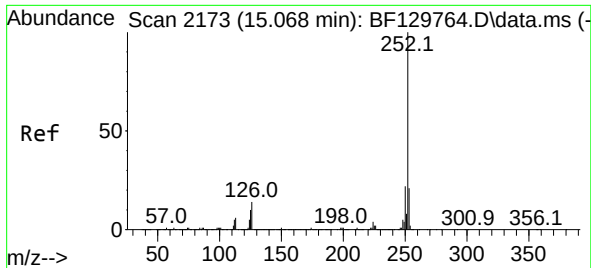
Tgt Ion:244 Resp: 1364994
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

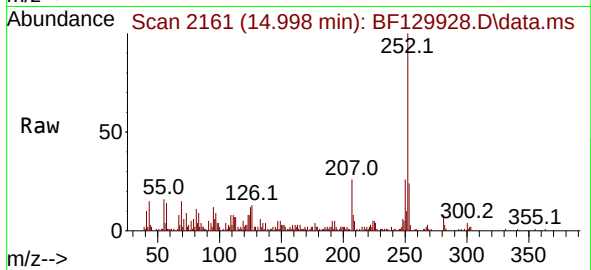
Tgt Ion:264 Resp: 271538
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.0 16.7 25.1





#89
 Benzo(k)fluoranthene
 Concen: 2.010 ng
 RT: 14.998 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF129928.D
 Acq: 20 Aug 2022 01:19

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0816



Tgt Ion:252 Resp: 35848

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	11.8	8.3	12.5

