

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129607.D
 Acq On : 05 Aug 2022 18:57
 Operator : CG\JU
 Sample : N4023-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-1-6

Quant Time: Aug 08 02:00:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

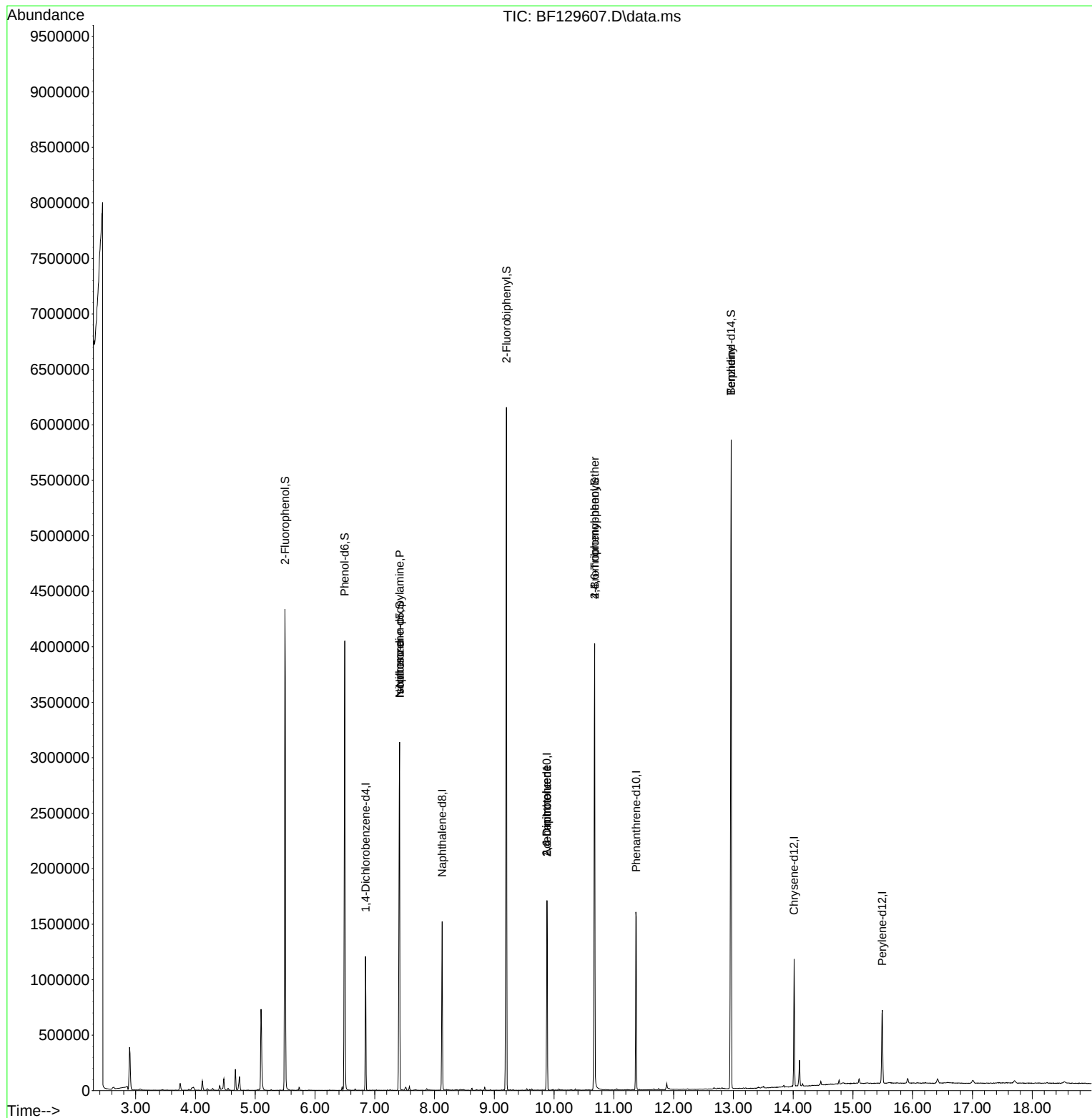
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	162680	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	646325	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	350443	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	592485	20.000	ng	0.00
76) Chrysene-d12	14.015	240	363217	20.000	ng	-0.01
86) Perylene-d12	15.492	264	287966	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1253844	125.554	ng	0.02
7) Phenol-d6	6.498	99	1414299	112.671	ng	0.00
23) Nitrobenzene-d5	7.416	82	1092042	92.234	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	508408	150.897	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1932678	85.314	ng	0.00
79) Terphenyl-d14	12.963	244	2052700	106.619	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	147768	19.445	ng	# 73
25) Isophorone	7.416	82	1089241	51.323	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	45156	8.340	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	45156	6.384	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	31291	4.823	ng	# 1
77) Benzidine	12.963	184	28912	2.253	ng	# 92

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

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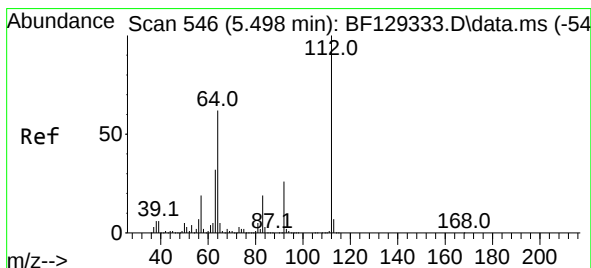
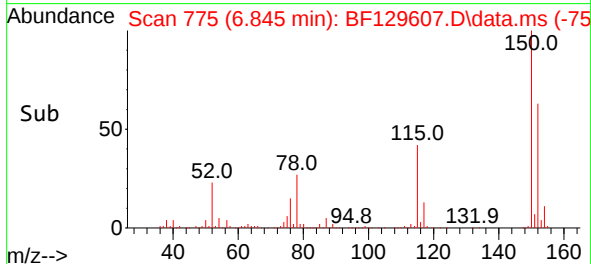
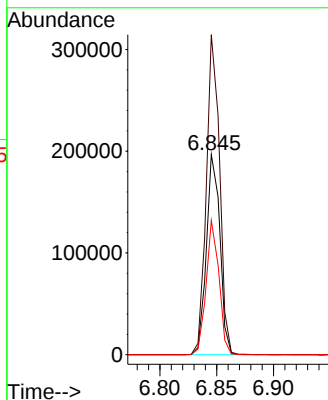
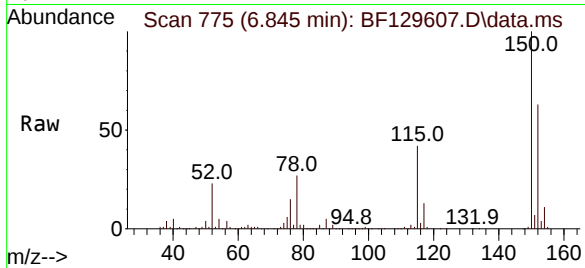




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

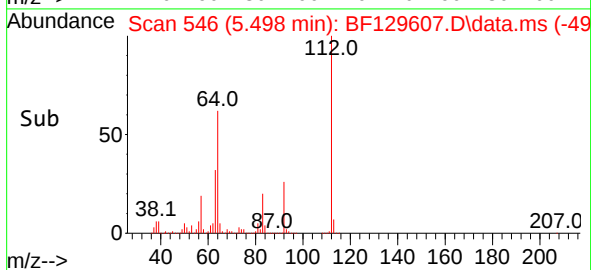
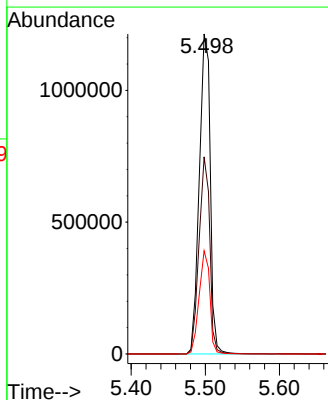
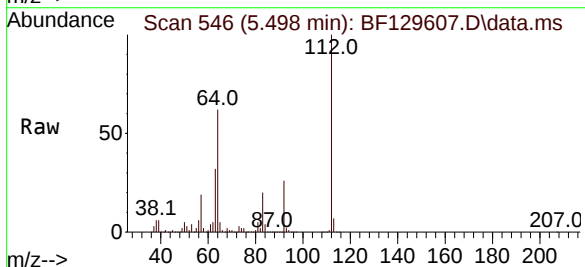
Instrument :
BNA_F
ClientSampleId :
TP2-1-6

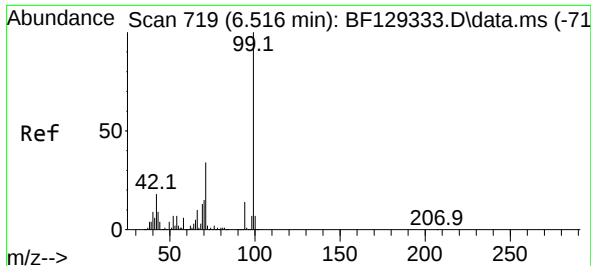
Tgt Ion:152 Resp: 162680
Ion Ratio Lower Upper
152 100
150 159.9 123.7 185.5
115 67.1 49.9 74.9



#5
2-Fluorophenol
Concen: 125.554 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion:112 Resp: 1253844
Ion Ratio Lower Upper
112 100
64 61.6 53.3 79.9
63 32.3 28.0 42.0





#7
Phenol-d6
Concen: 112.671 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

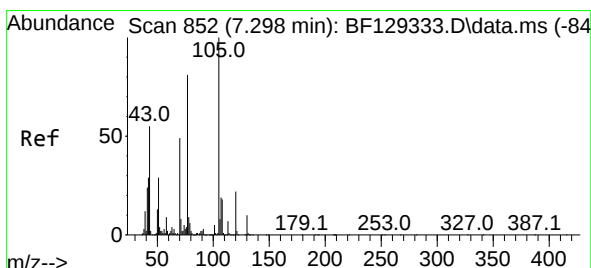
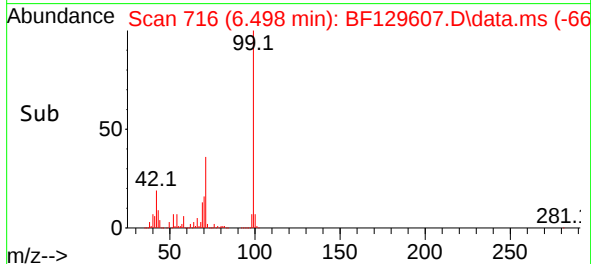
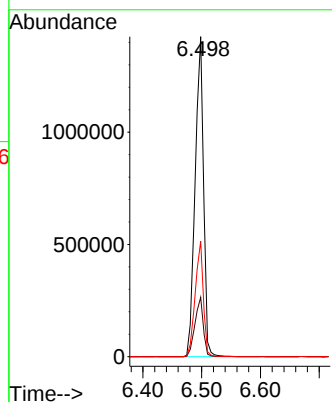
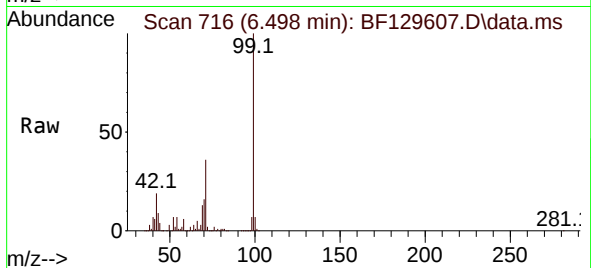
Instrument :

BNA_F

ClientSampleId :

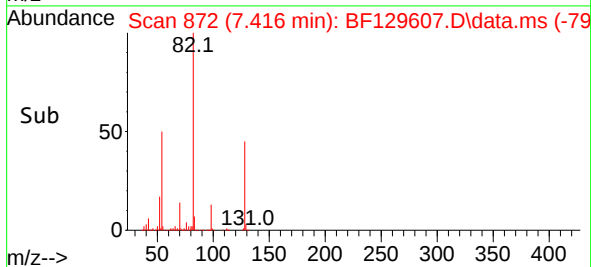
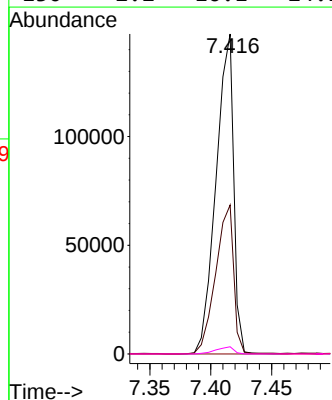
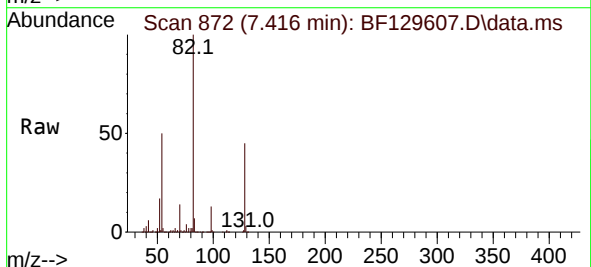
TP2-1-6

Tgt Ion: 99 Resp: 1414299
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.445 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.147 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion: 70 Resp: 147768
Ion Ratio Lower Upper
70 100
42 46.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



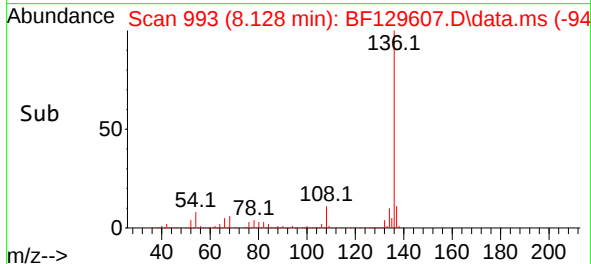
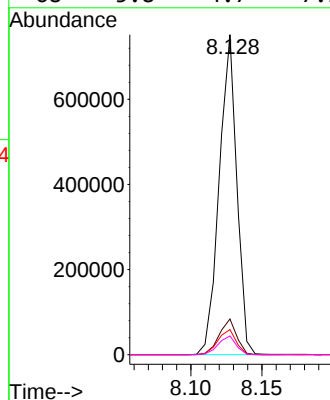
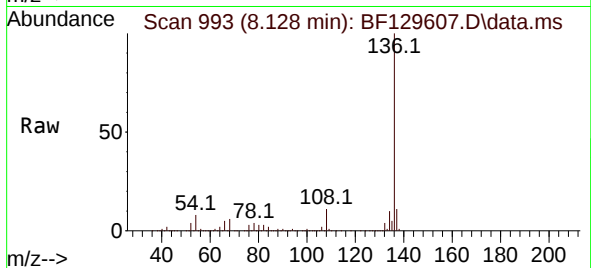


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

Tgt Ion:136 Resp: 646325

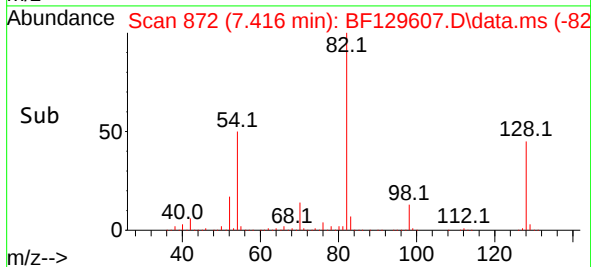
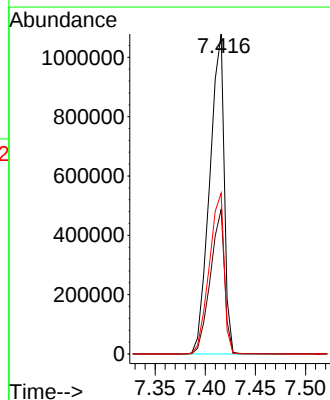
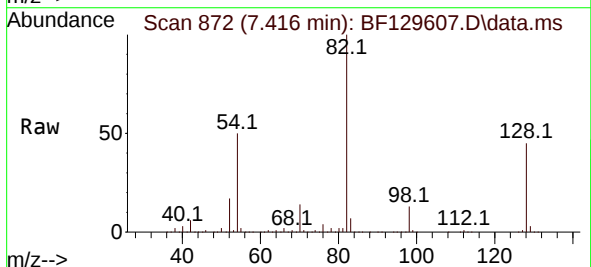
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 92.234 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion: 82 Resp: 1092042

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	50.3	46.9	70.3

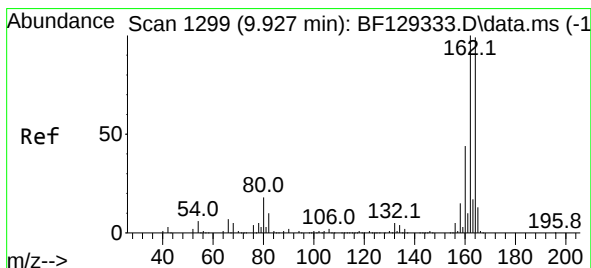
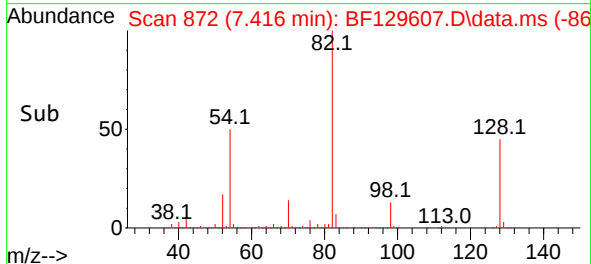
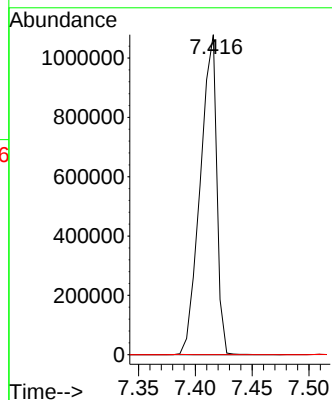
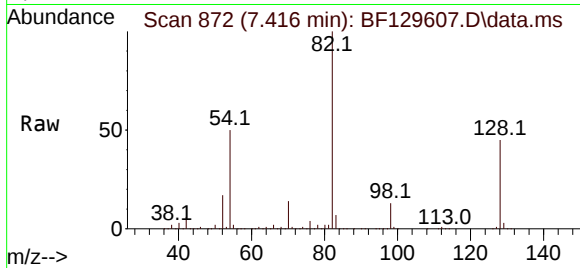




#25
Isophorone
Concen: 51.323 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

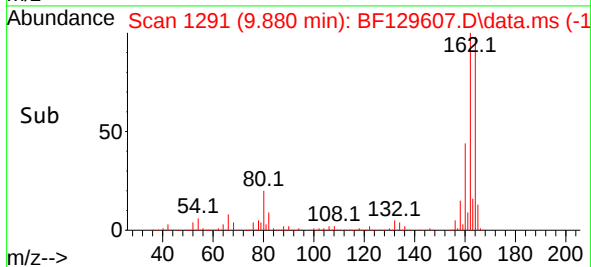
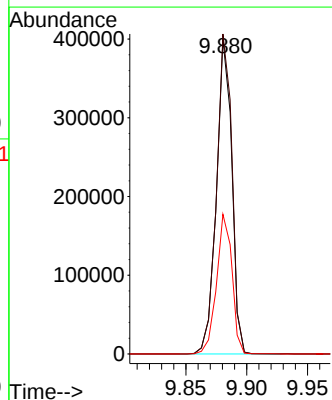
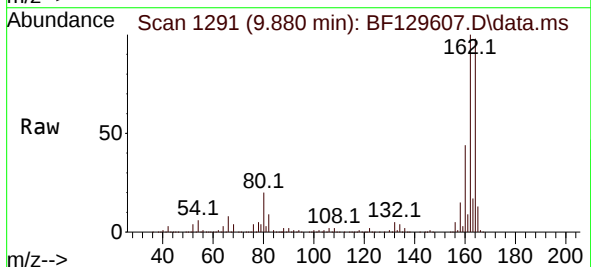
Instrument :
BNA_F
ClientSampleId :
TP2-1-6

Tgt Ion: 82 Resp: 1089241
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion: 164 Resp: 350443
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 150.897 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129607.D

Acq: 05 Aug 2022 18:57

Instrument :

BNA_F

ClientSampleId :

TP2-1-6

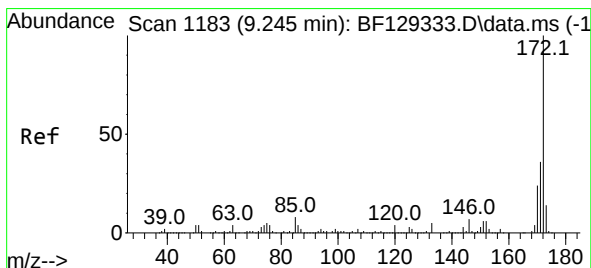
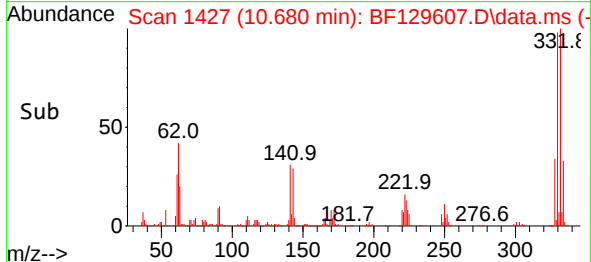
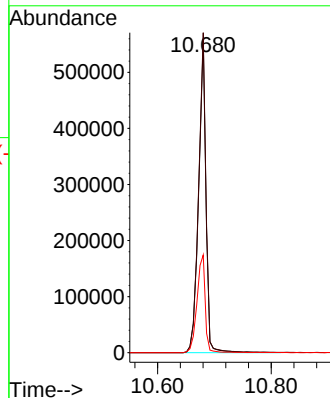
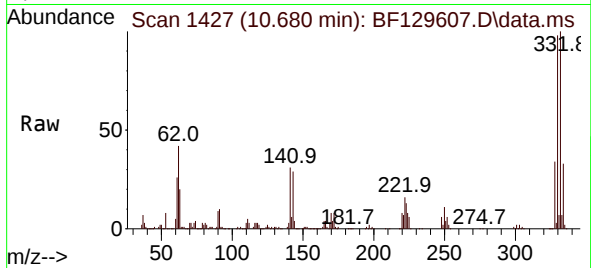
Tgt Ion:330 Resp: 508408

Ion Ratio Lower Upper

330 100

332 102.3 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.314 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129607.D

Acq: 05 Aug 2022 18:57

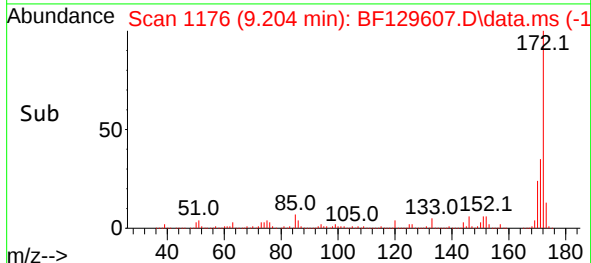
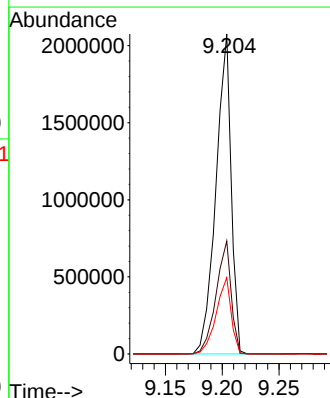
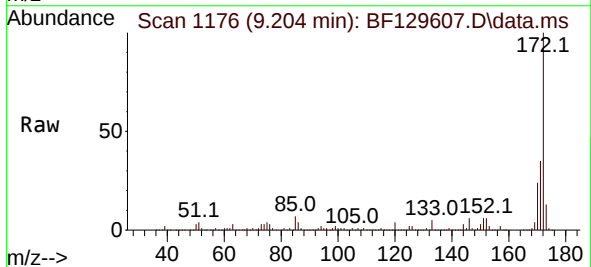
Tgt Ion:172 Resp: 1932678

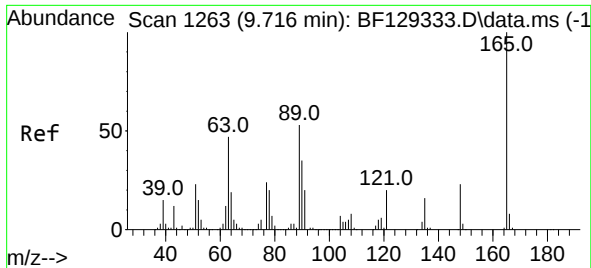
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.9 19.8 29.8

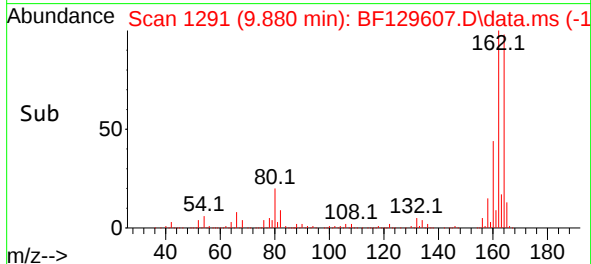
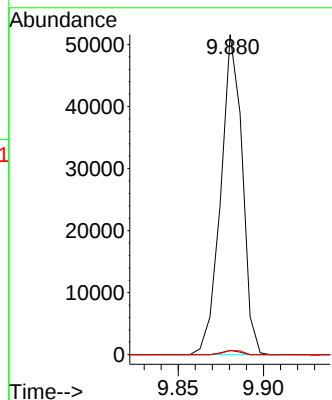
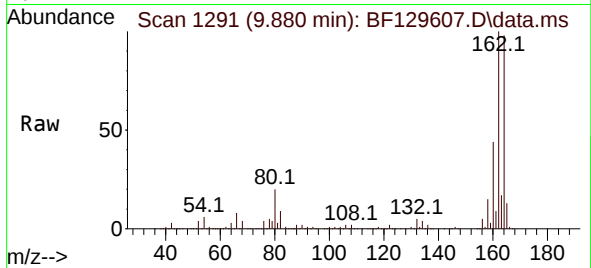




#51
2,6-Dinitrotoluene
Concen: 8.340 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

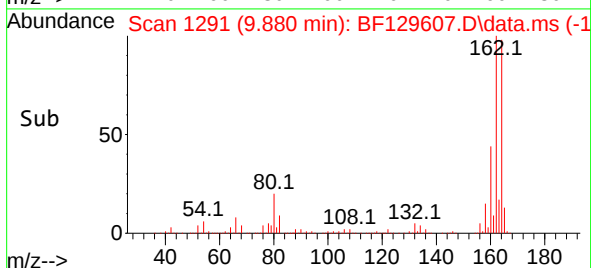
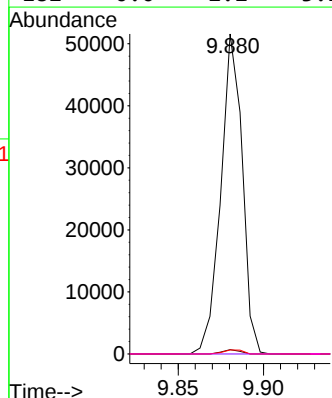
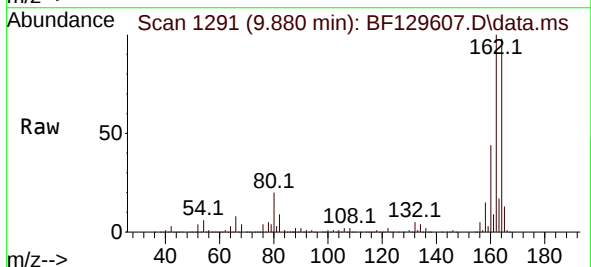
Instrument :
BNA_F
ClientSampleId :
TP2-1-6

Tgt Ion:165 Resp: 45156
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.384 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion:165 Resp: 45156
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

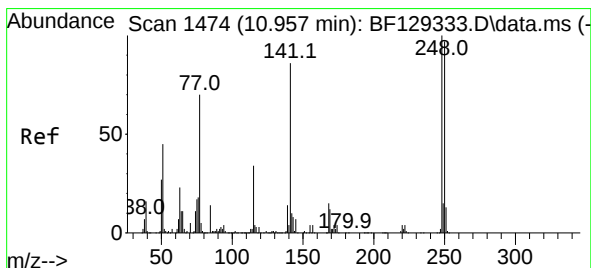
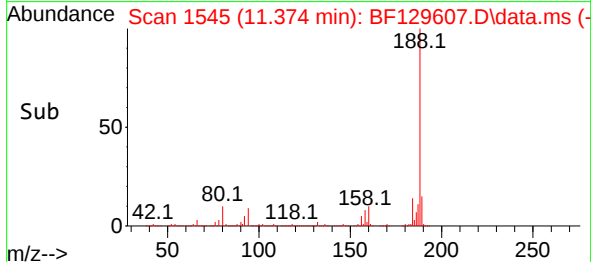
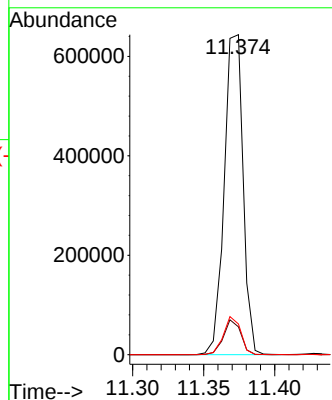
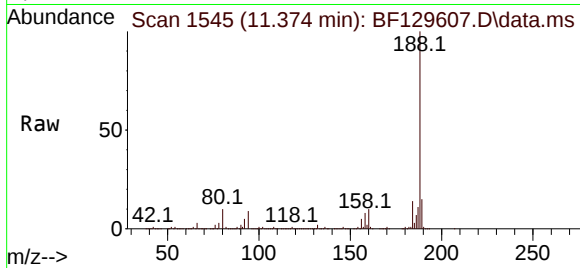




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

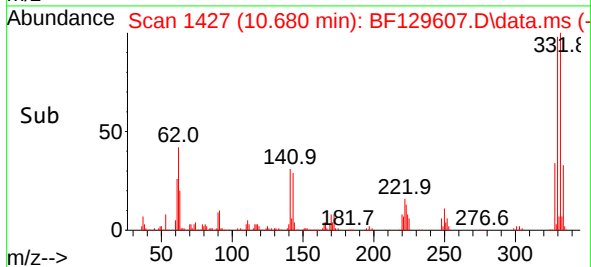
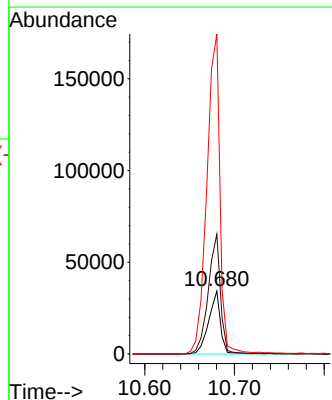
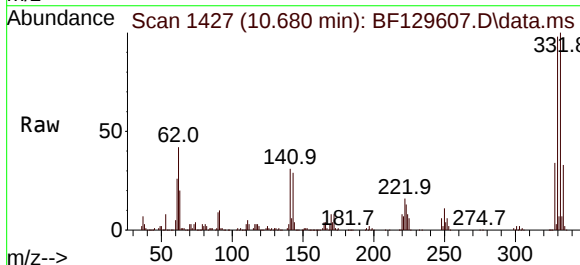
Instrument :
BNA_F
ClientSampleId :
TP2-1-6

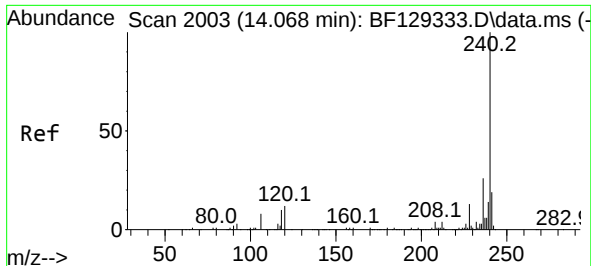
Tgt Ion:188 Resp: 592485
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.823 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion:248 Resp: 31291
Ion Ratio Lower Upper
248 100
250 190.4 80.6 120.8#
141 508.9 58.9 88.3#

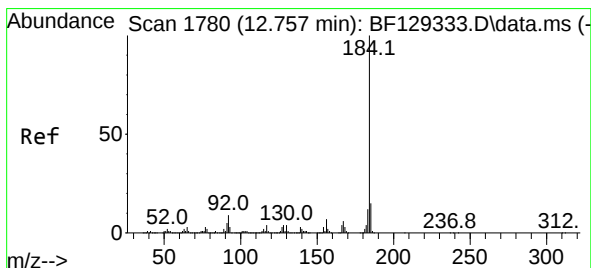
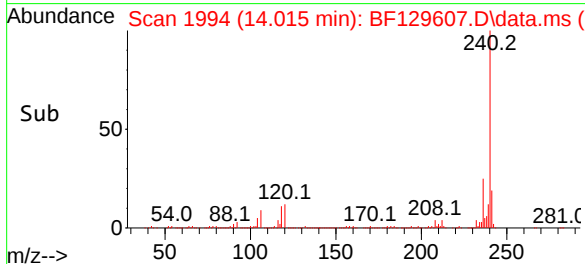
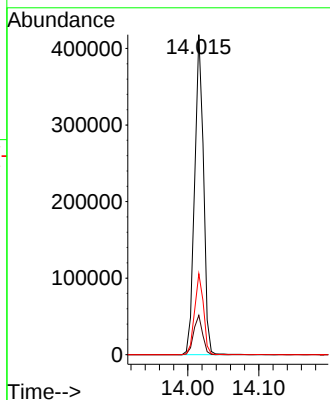
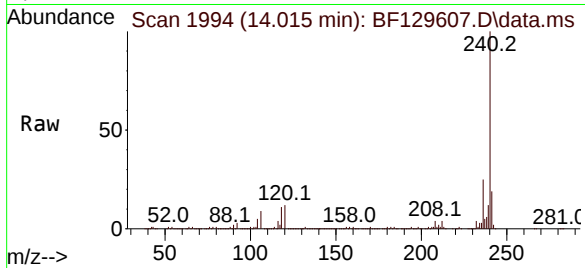




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

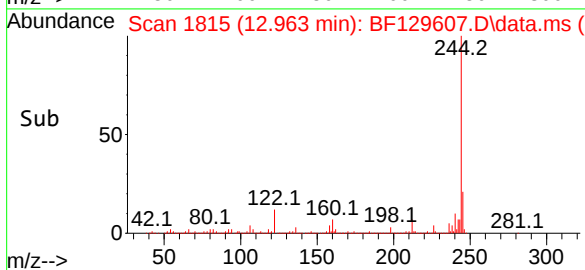
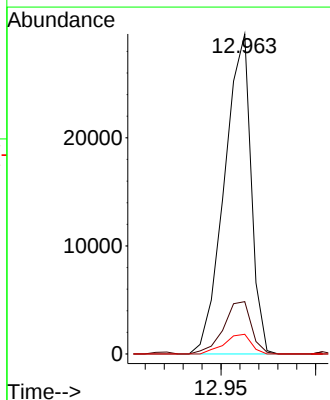
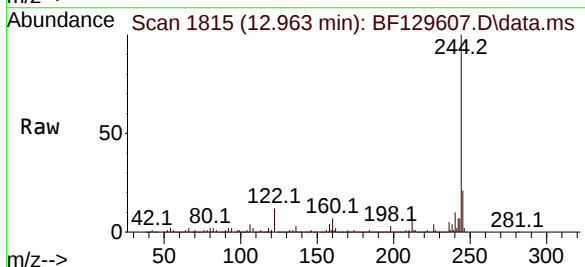
Instrument :
BNA_F
ClientSampleId :
TP2-1-6

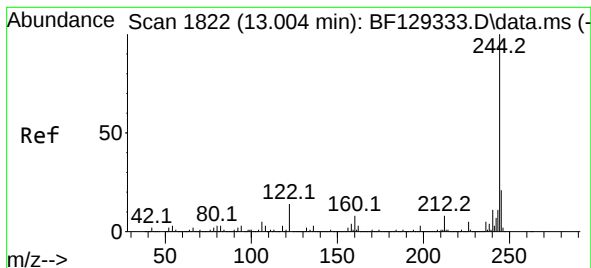
Tgt Ion:240 Resp: 363217
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.3 20.8 31.2



#77
Benzidine
Concen: 2.253 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF129607.D
Acq: 05 Aug 2022 18:57

Tgt Ion:184 Resp: 28912
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 106.619 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129607.D

Acq: 05 Aug 2022 18:57

Instrument :

BNA_F

ClientSampleId :

TP2-1-6

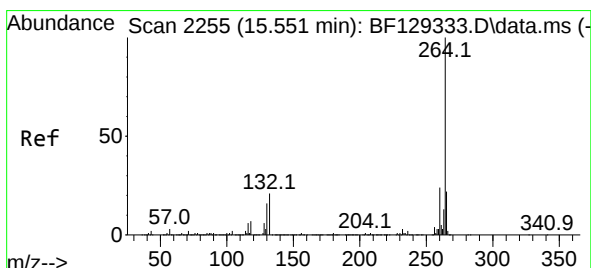
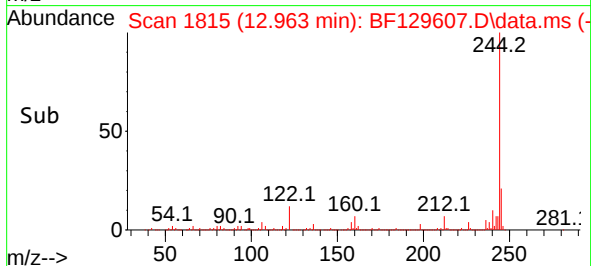
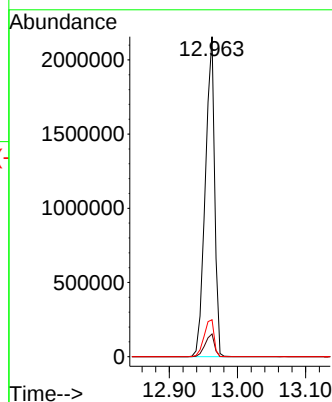
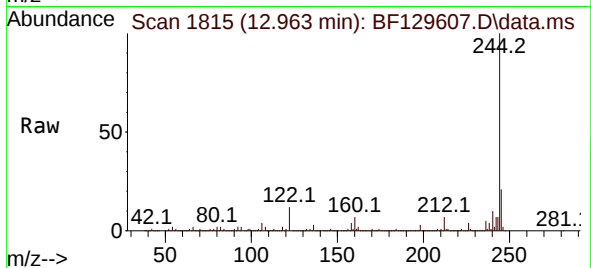
Tgt Ion:244 Resp: 2052700

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 11.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.012 min

Lab File: BF129607.D

Acq: 05 Aug 2022 18:57

Tgt Ion:264 Resp: 287966

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.9 17.2 25.8

