

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129143.D
 Acq On : 06 Jul 2022 15:18
 Operator : CG\JU
 Sample : N3562-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9A

Quant Time: Jul 06 15:39:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

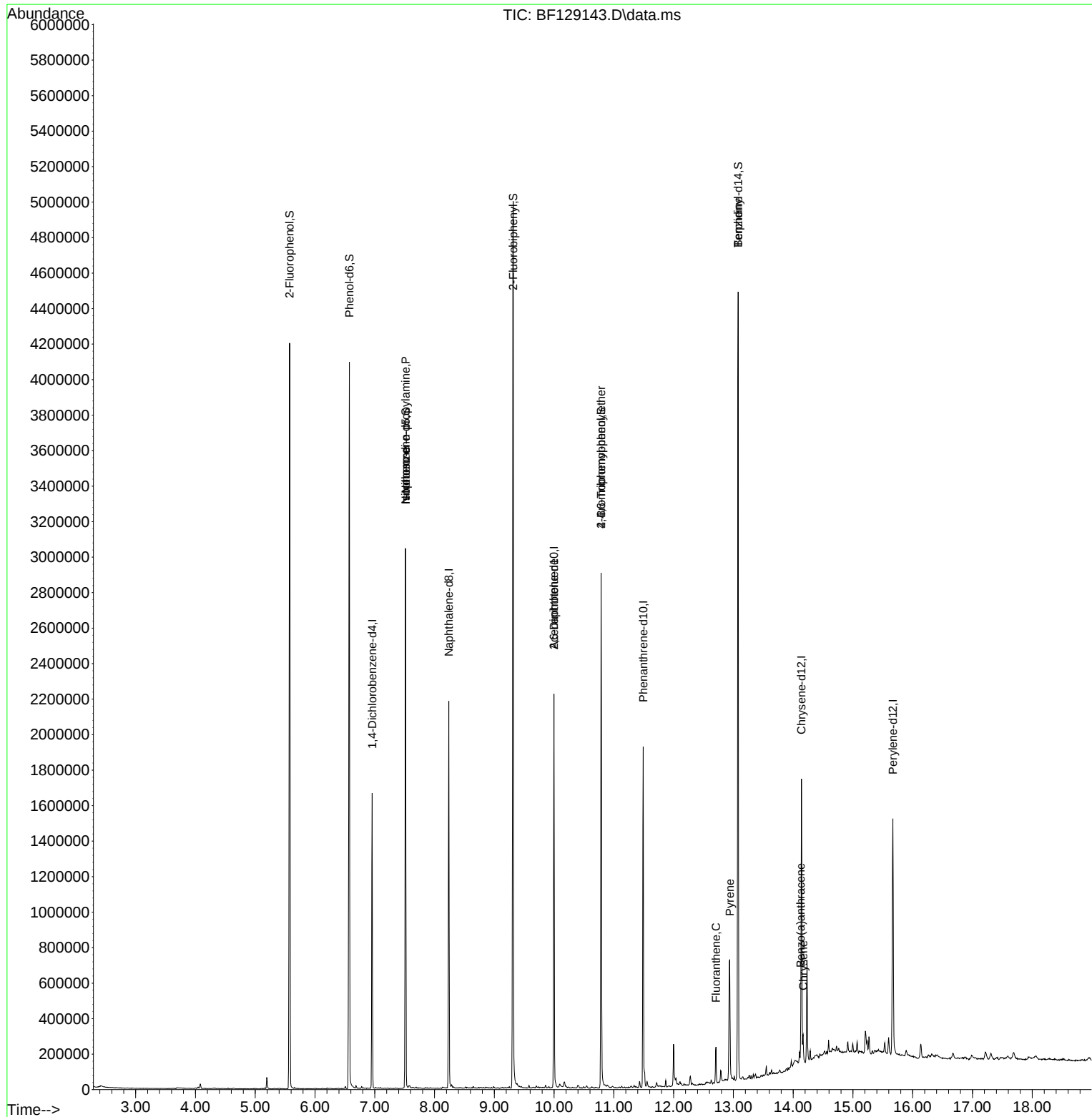
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	242794	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	879756	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	424116	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	676839	20.000	ng	0.00
76) Chrysene-d12	14.139	240	520457	20.000	ng	-0.01
86) Perylene-d12	15.668	264	597557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1158482	80.668	ng	-0.01
7) Phenol-d6	6.575	99	1427490	80.034	ng	-0.01
23) Nitrobenzene-d5	7.516	82	891321	60.431	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	369149	80.047	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1708994	64.464	ng	0.00
79) Terphenyl-d14	13.080	244	1567986	62.563	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	865	Below Cal		Qvalue 87
19) n-Nitroso-di-n-propyla...	7.516	70	116366	11.278	ng	# 71
25) Isophorone	7.516	82	872430	34.999	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	54442	10.041	ng	# 25
67) 4-Bromophenyl-phenylether	10.786	248	21582	2.998	ng	# 1
75) Fluoranthene	12.710	202	83940	2.482	ng	97
77) Benzidine	13.080	184	20243	2.184	ng	# 94
78) Pyrene	12.939	202	404814	11.221	ng	96
81) Benzo(a)anthracene	14.127	228	65226	2.053	ng	99
83) Chrysene	14.168	228	65746	2.229	ng	97

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

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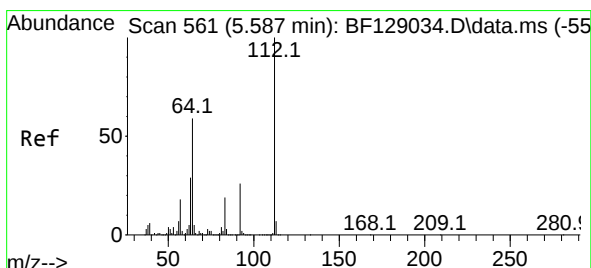
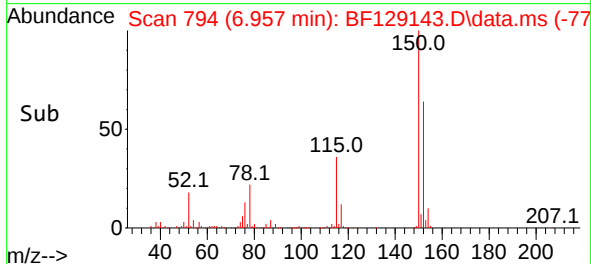
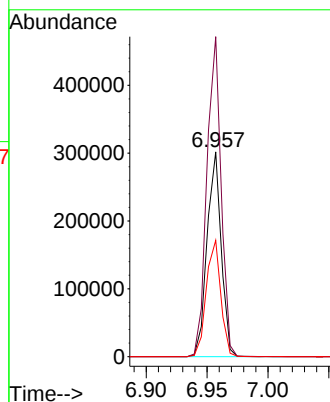
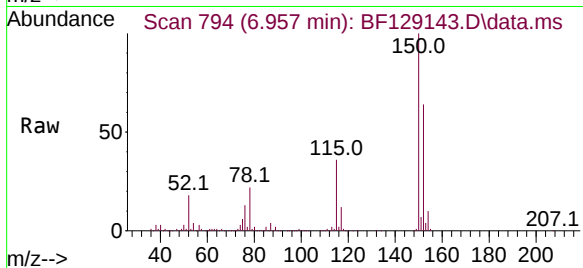




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

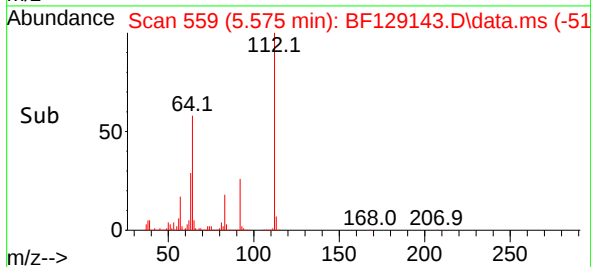
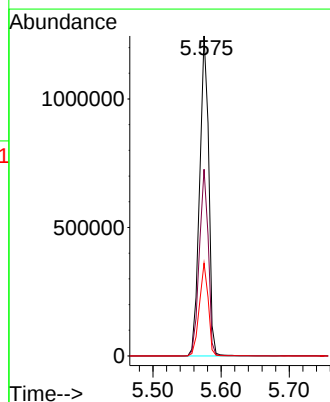
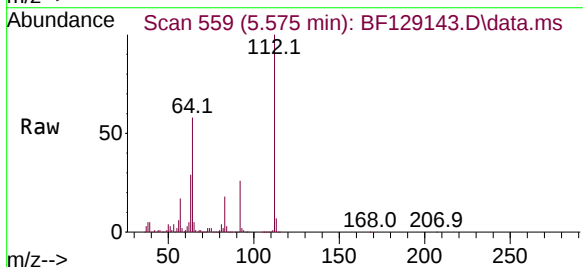
Instrument :
BNA_F
ClientSampleId :
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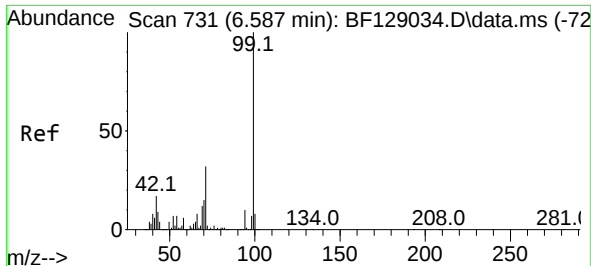
Tgt Ion:152 Resp: 242794
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 56.8 49.9 74.9



#5
2-Fluorophenol
Concen: 80.668 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion:112 Resp: 1158482
Ion Ratio Lower Upper
112 100
64 58.4 53.3 79.9
63 29.0 28.0 42.0

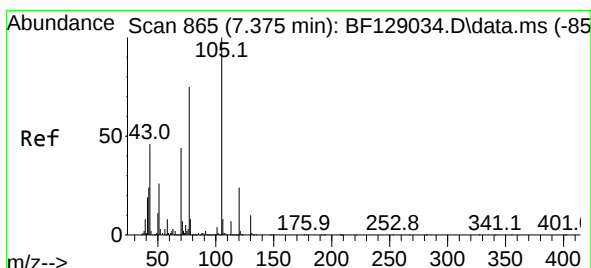
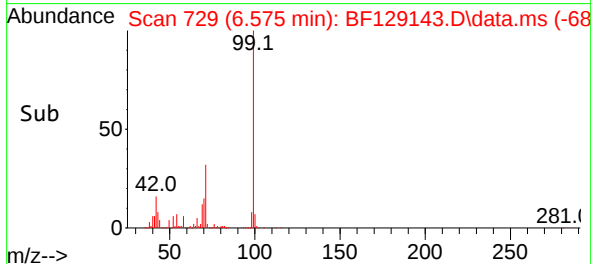
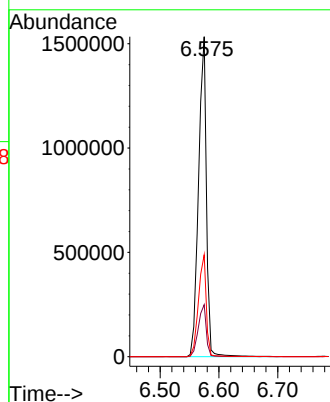
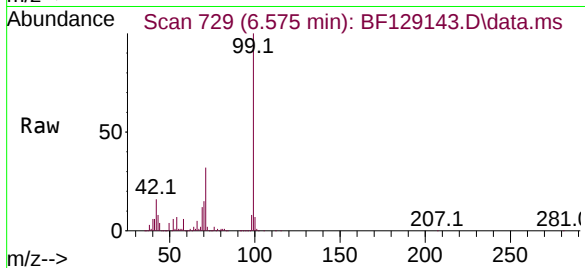




#7
Phenol-d6
Concen: 80.034 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

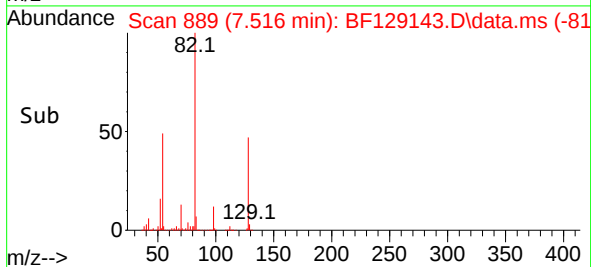
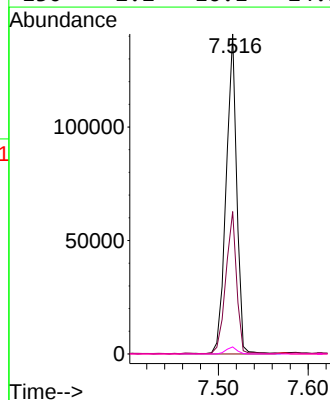
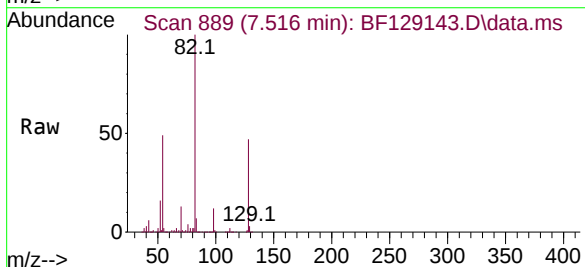
Instrument :
BNA_F
ClientSampleId :
SB-9A

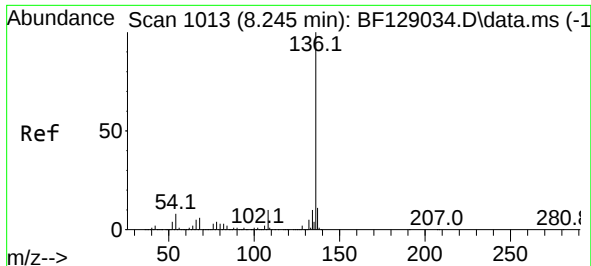
Tgt Ion: 99 Resp: 1427490
Ion Ratio Lower Upper
99 100
42 16.2 17.3 25.9#
71 31.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.278 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 70 Resp: 116366
Ion Ratio Lower Upper
70 100
42 44.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

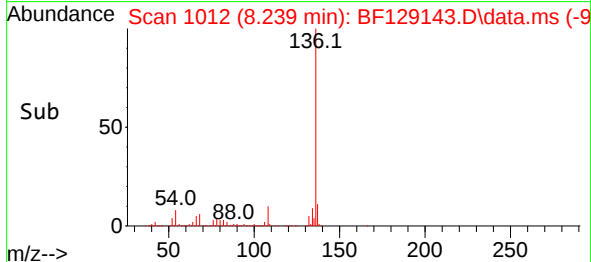
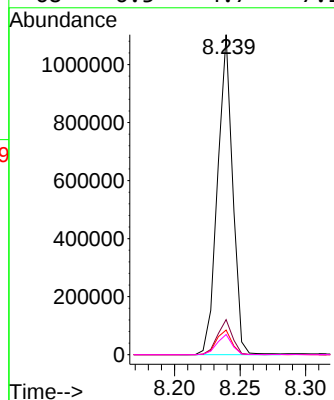
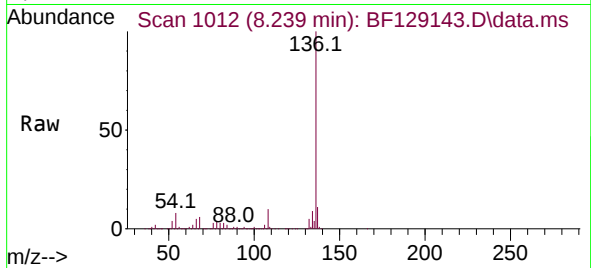




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

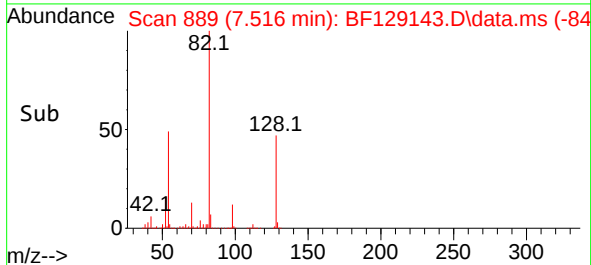
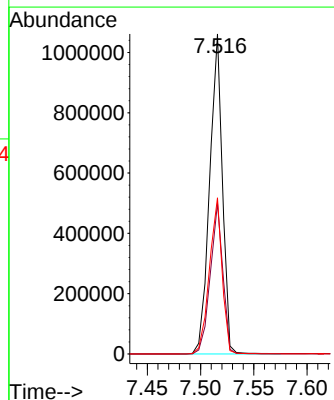
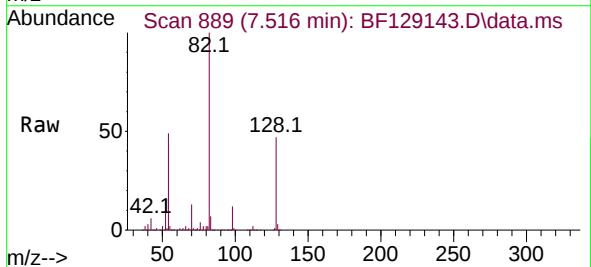
Instrument :
BNA_F
ClientSampleId :
SB-9A

Tgt Ion:136 Resp: 879756
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 60.431 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 82 Resp: 891321
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 48.8 46.9 70.3

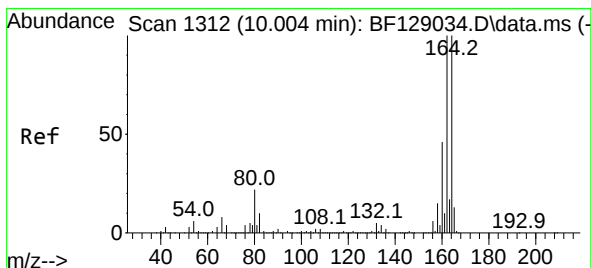
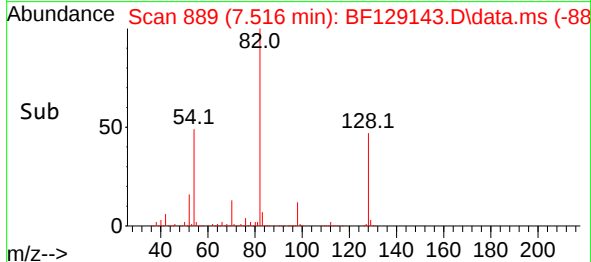
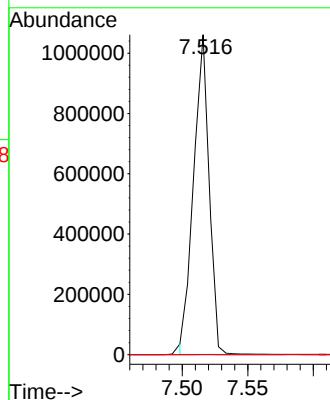
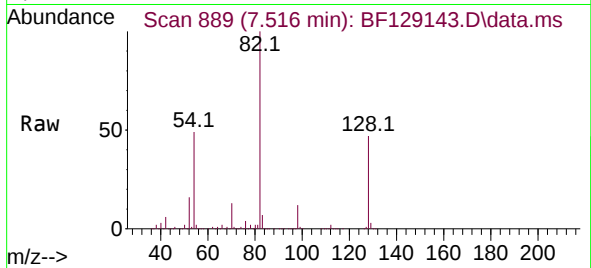




#25
Isophorone
Concen: 34.999 ng
RT: 7.516 min Scan# 88
Delta R.T. -0.277 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

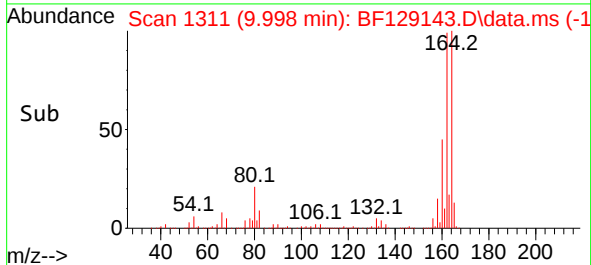
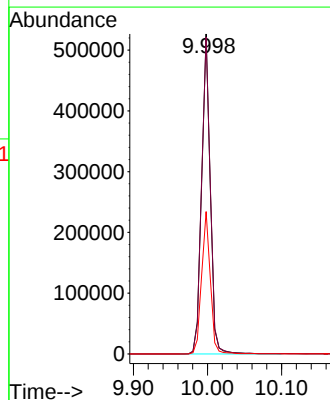
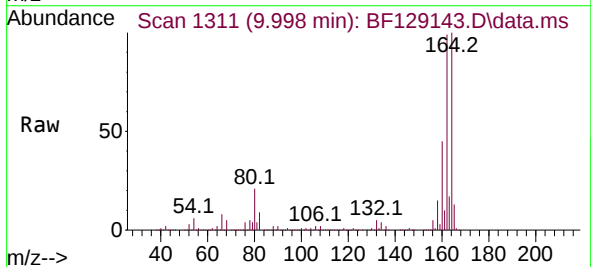
Instrument :
BNA_F
ClientSampleId :
SB-9A

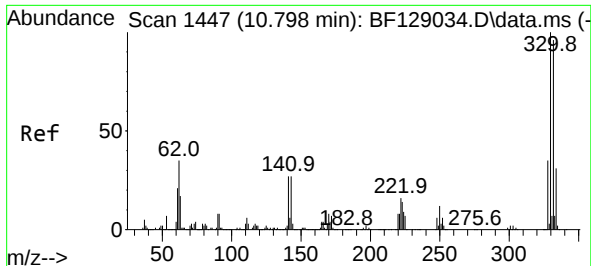
Tgt Ion: 82 Resp: 872430
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion:164 Resp: 424116
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.047 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

Instrument :

BNA_F

ClientSampleId :

SB-9A

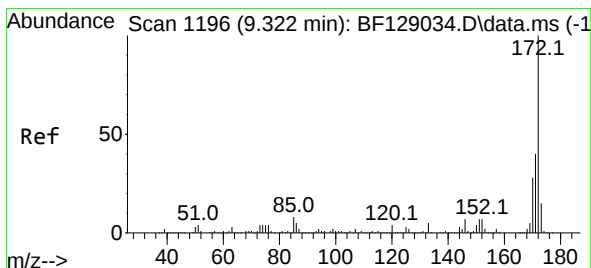
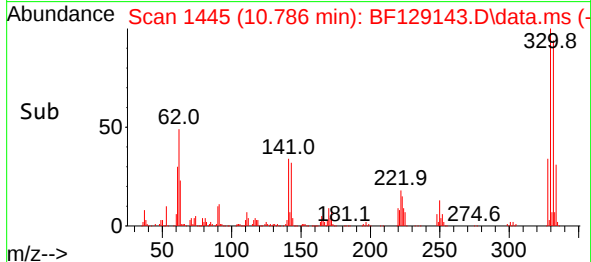
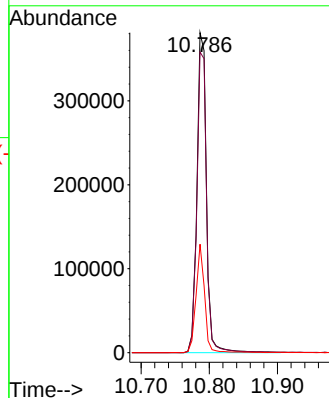
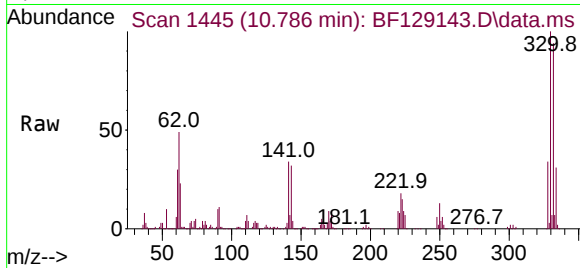
Tgt Ion:330 Resp: 369149

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 30.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.464 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

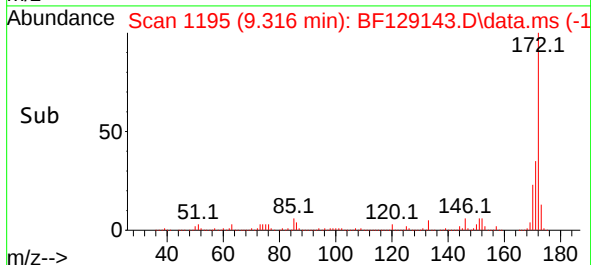
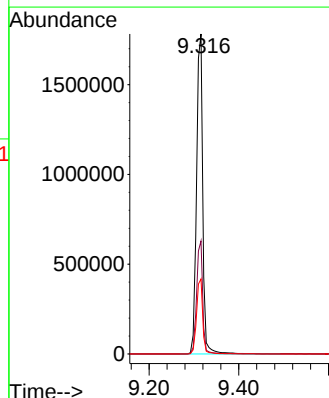
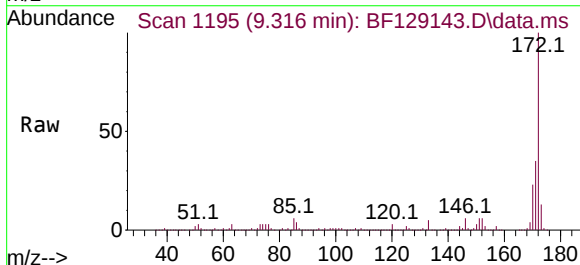
Tgt Ion:172 Resp: 1708994

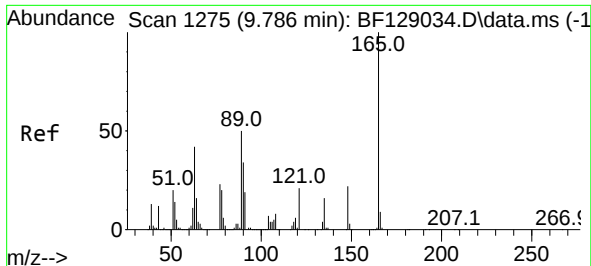
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

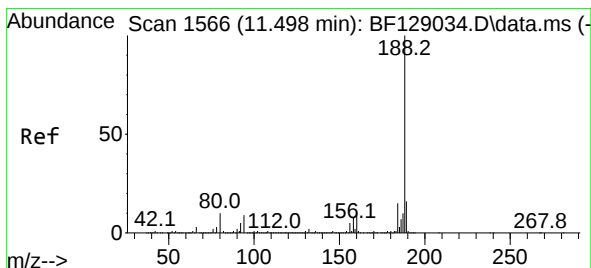
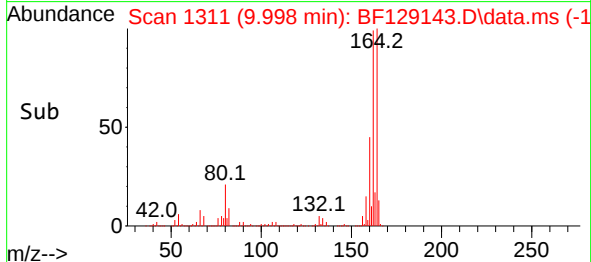
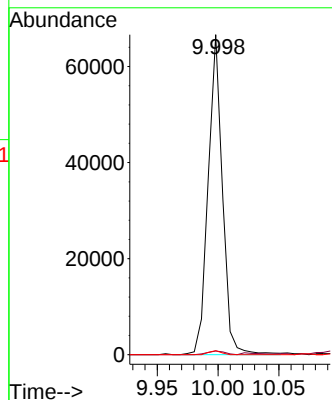
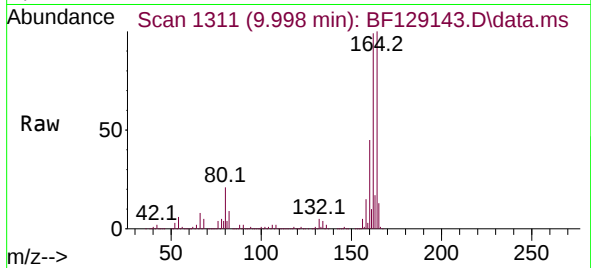




#51
2,6-Dinitrotoluene
Concen: 10.041 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

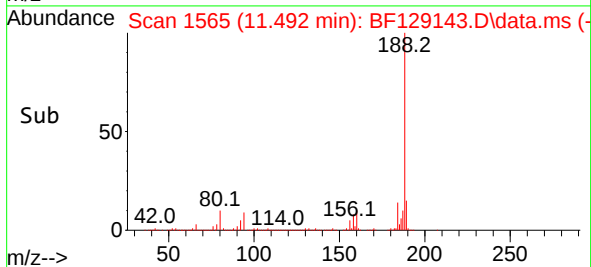
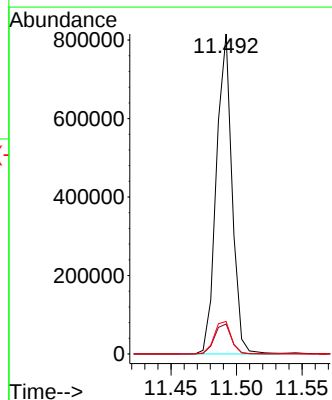
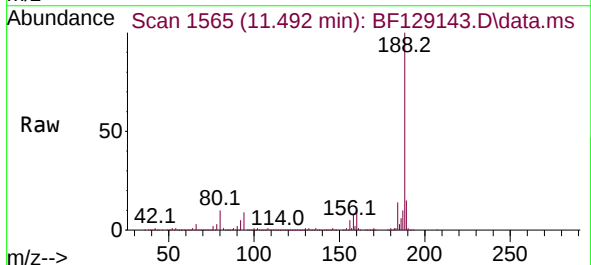
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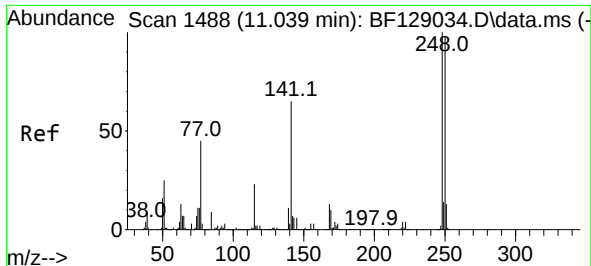
Tgt Ion:165 Resp: 54442
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion:188 Resp: 676839
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.2 7.6 11.4

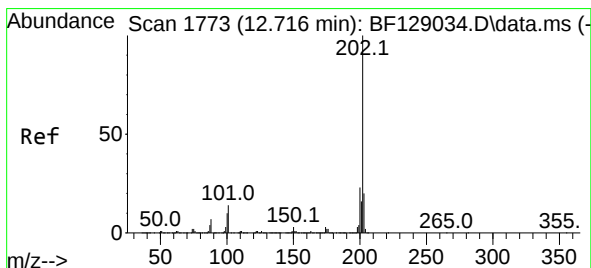
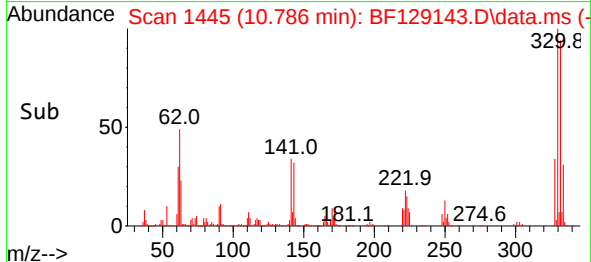
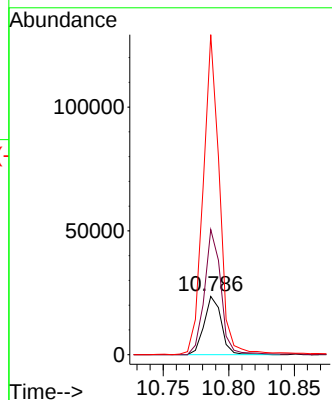
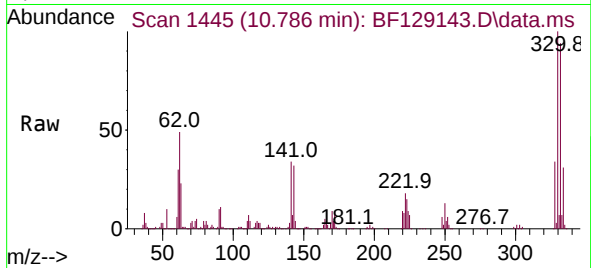




#67
4-Bromophenyl-phenylether
Concen: 2.998 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

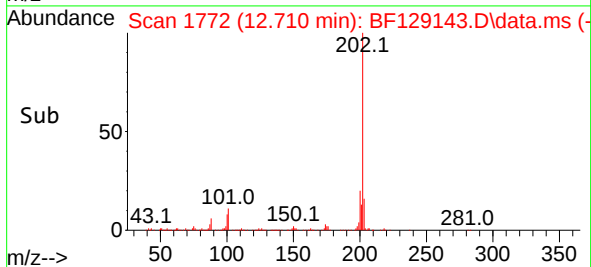
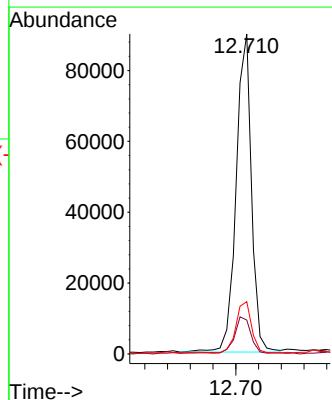
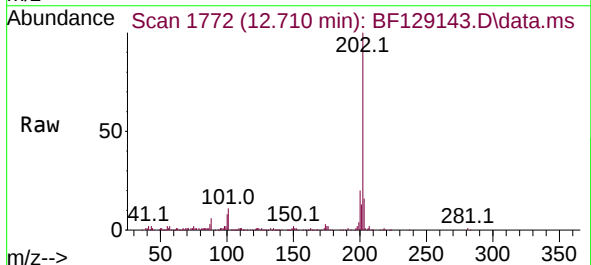
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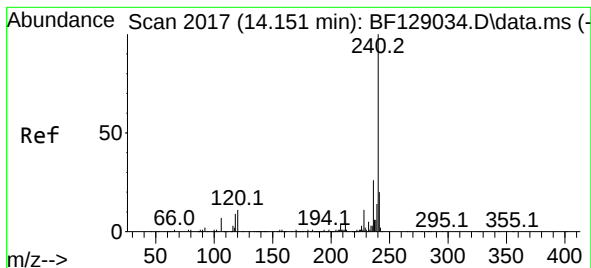
Tgt Ion:248 Resp: 21582
Ion Ratio Lower Upper
248 100
250 214.9 80.6 120.8#
141 549.3 58.9 88.3#



#75
Fluoranthene
Concen: 2.482 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion:202 Resp: 83940
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 16.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

Instrument :

BNA_F

ClientSampleId :

SB-9A

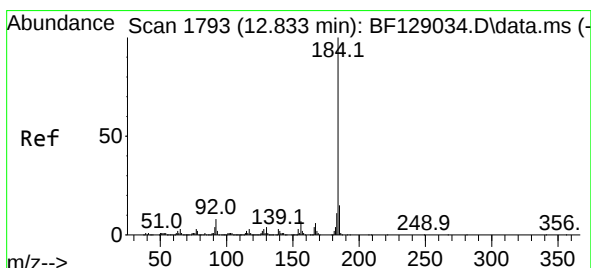
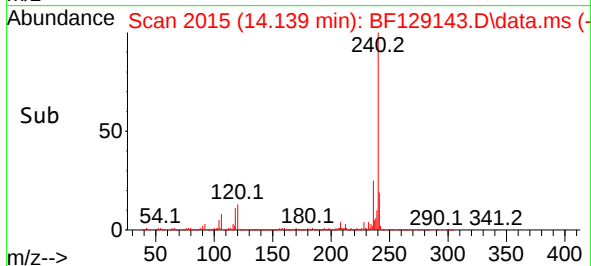
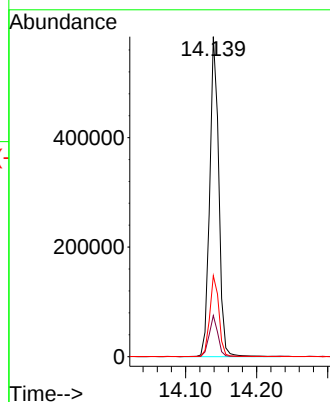
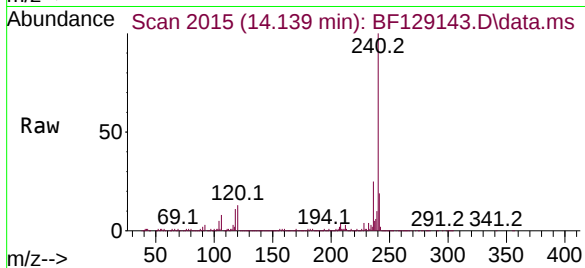
Tgt Ion:240 Resp: 520457

Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 25.3 20.8 31.2



#77

Benzidine

Concen: 2.184 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

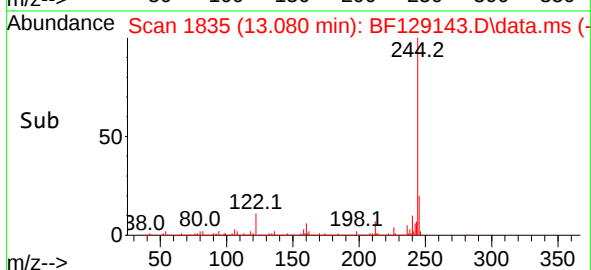
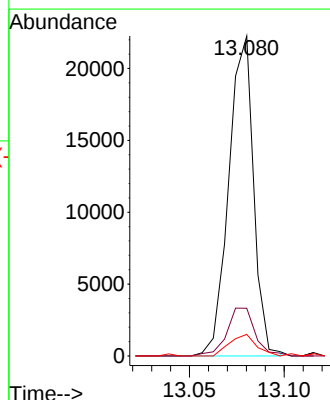
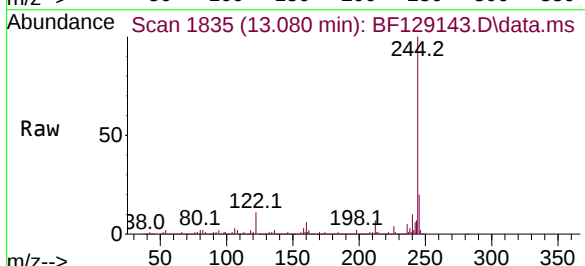
Tgt Ion:184 Resp: 20243

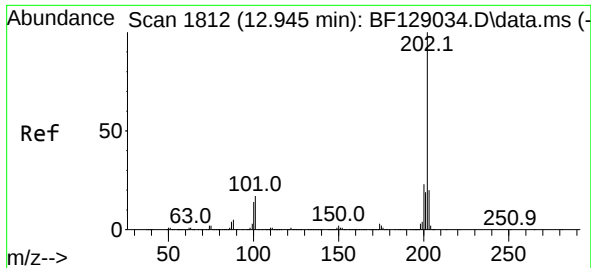
Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 6.8 9.3 13.9#

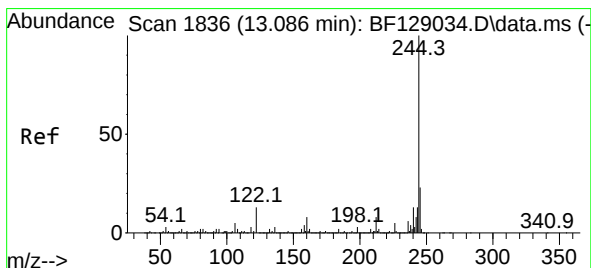
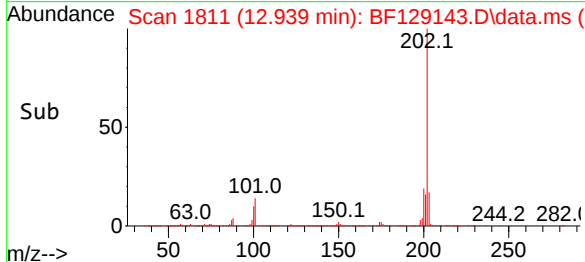
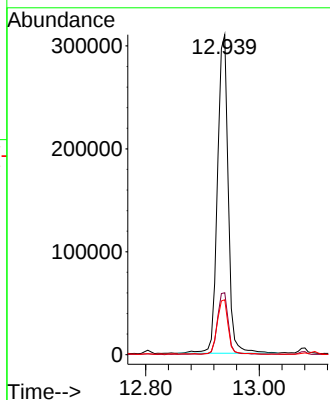
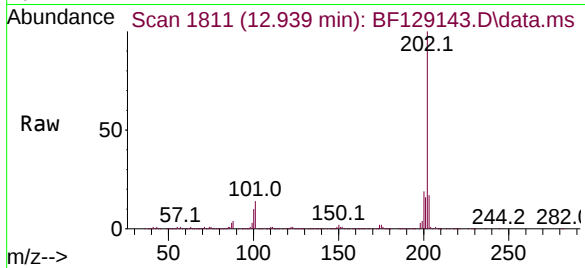




#78
 Pyrene
 Concen: 11.221 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

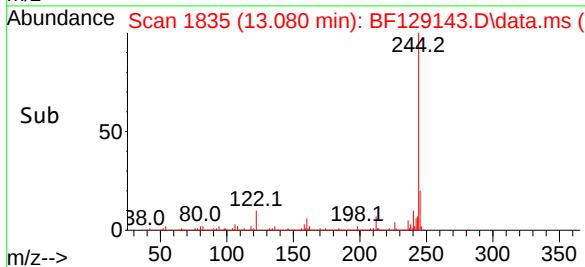
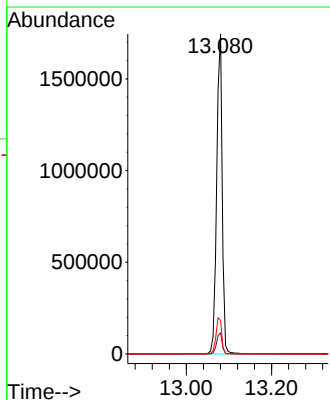
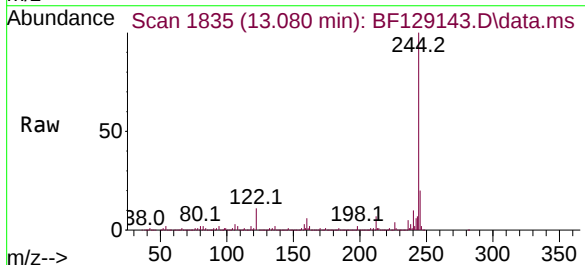
Instrument :
 BNA_F
 ClientSampleId :
 SB-9A

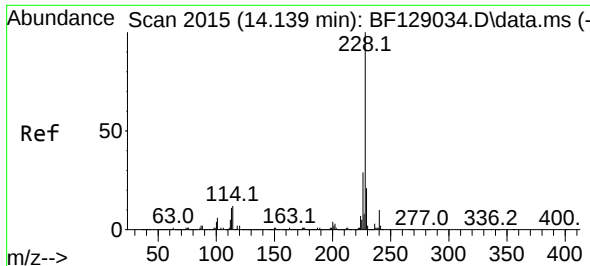
Tgt Ion:202 Resp: 404814
 Ion Ratio Lower Upper
 202 100
 200 19.4 17.7 26.5
 203 17.2 14.6 21.8



#79
 Terphenyl-d14
 Concen: 62.563 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

Tgt Ion:244 Resp: 1567986
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 10.5 8.8 13.2

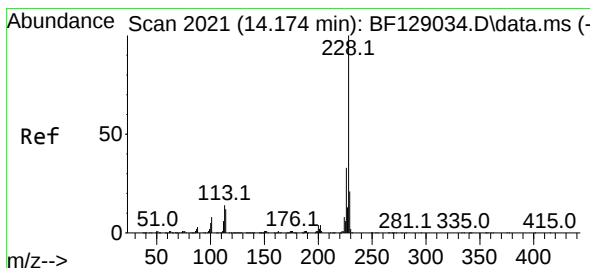
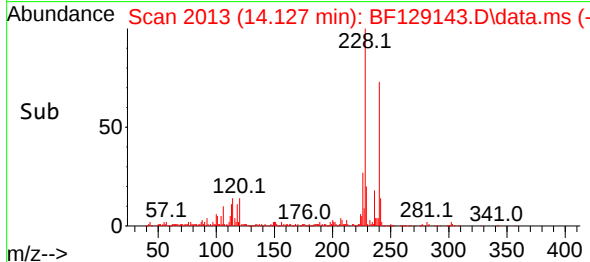
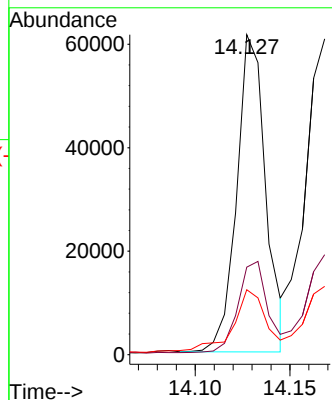
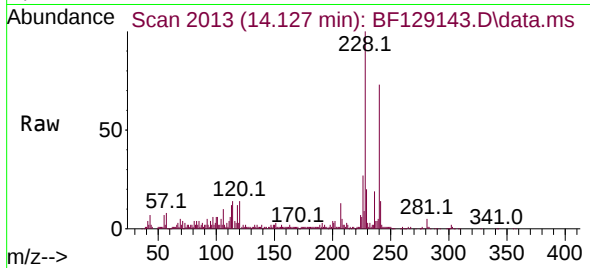




#81
Benzo(a)anthracene
Concen: 2.053 ng
RT: 14.127 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

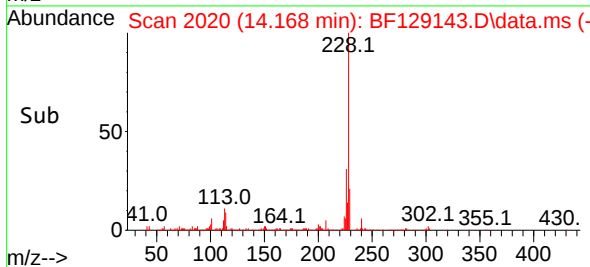
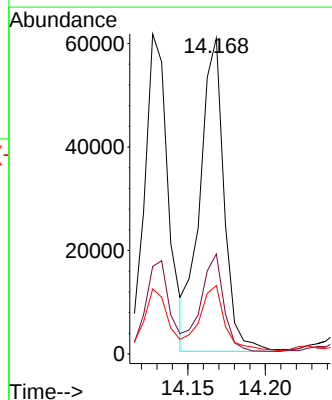
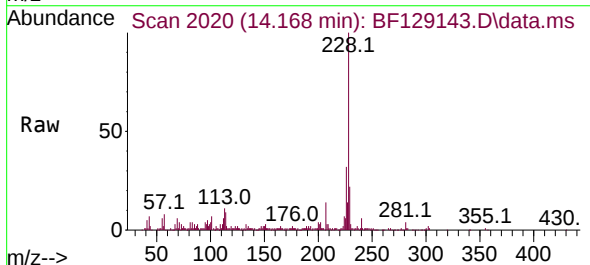
Instrument :
BNA_F
ClientSampleId :
SB-9A

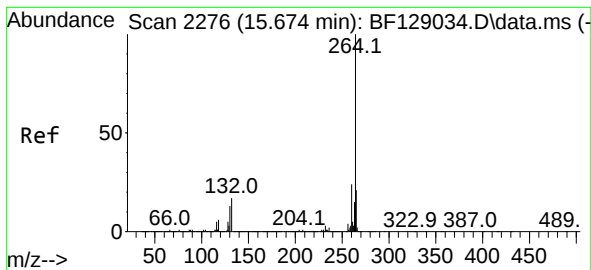
Tgt Ion:228 Resp: 65226
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.3 15.8 23.8



#83
Chrysene
Concen: 2.229 ng
RT: 14.168 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion:228 Resp: 65746
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 21.6 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-9A

Tgt Ion:264 Resp: 597557
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.3 17.2 25.8

