

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129179.D
 Acq On : 08 Jul 2022 17:11
 Operator : CG\JU
 Sample : N3584-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26572DL

Quant Time: Jul 08 23:24:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

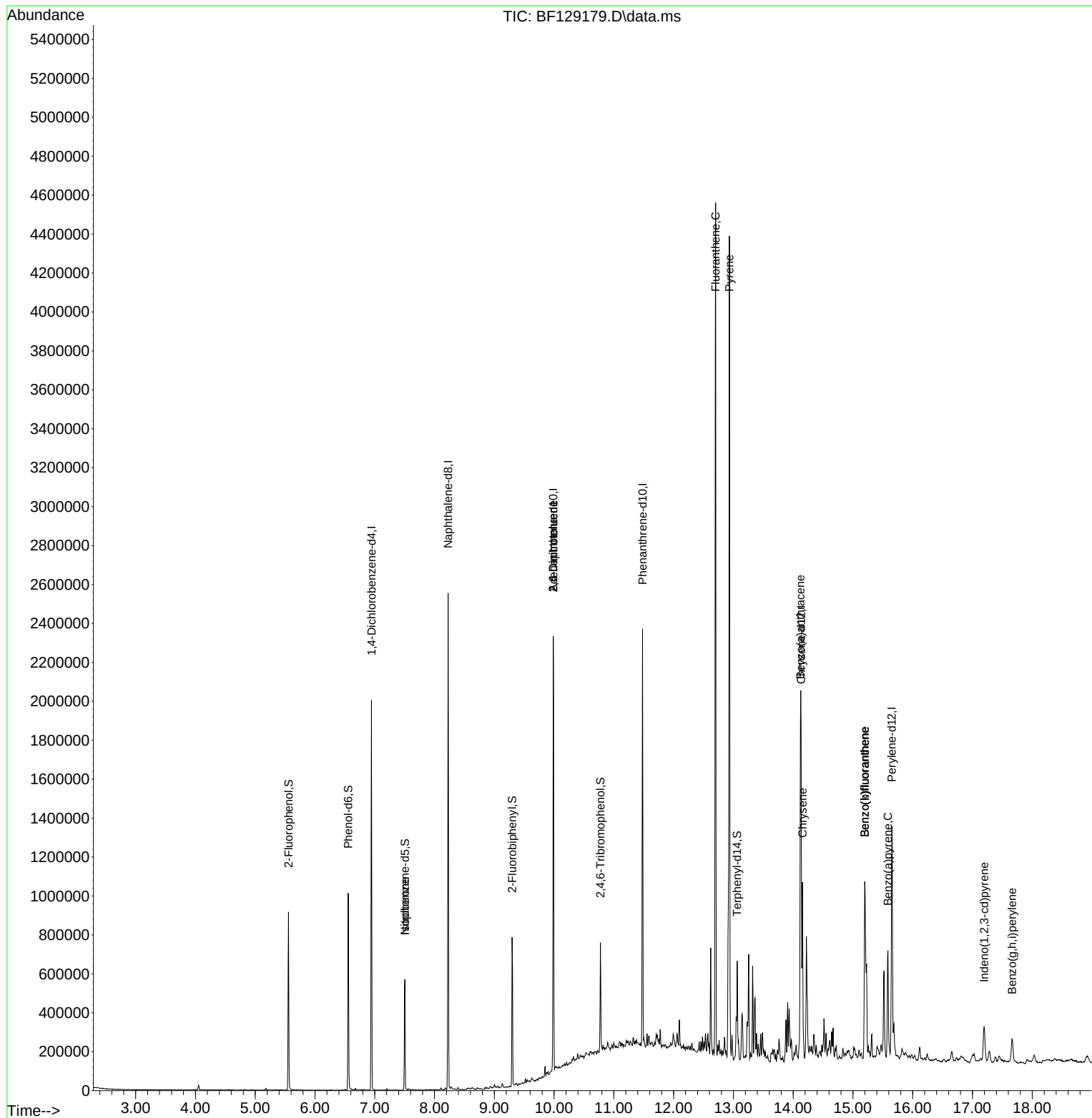
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	283464	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	1038119	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	455200	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	725253	20.000	ng	0.00
76) Chrysene-d12	14.133	240	449327	20.000	ng	0.00
86) Perylene-d12	15.651	264	537537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	237657	14.174	ng	-0.02
7) Phenol-d6	6.557	99	297560	14.289	ng	-0.02
23) Nitrobenzene-d5	7.504	82	177061	10.173	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	67057	13.548	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	231726	8.144	ng	-0.01
79) Terphenyl-d14	13.063	244	160708	7.427	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	271	Below Cal	#	1
25) Isophorone	7.504	82	177060	6.020	ng	# 65
51) 2,6-Dinitrotoluene	9.986	165	59151	10.165	ng	# 25
57) 2,4-Dinitrotoluene	9.986	165	59151	8.234	ng	# 21
75) Fluoranthene	12.704	202	1716570	47.367	ng	99
78) Pyrene	12.933	202	1697878	54.514	ng	98
81) Benzo(a)anthracene	14.121	228	588615	21.455	ng	98
83) Chrysene	14.157	228	343005	13.467	ng	97
87) Indeno(1,2,3-cd)pyrene	17.198	276	134154	4.069	ng	95
88) Benzo(b)fluoranthene	15.198	252	722116	22.338	ng	98
89) Benzo(k)fluoranthene	15.198	252	722116	23.030	ng	98
90) Benzo(a)pyrene	15.586	252	275219	10.443	ng	98
92) Benzo(g,h,i)perylene	17.662	276	102156	3.789	ng	97

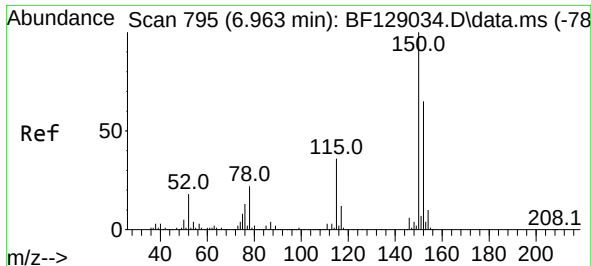
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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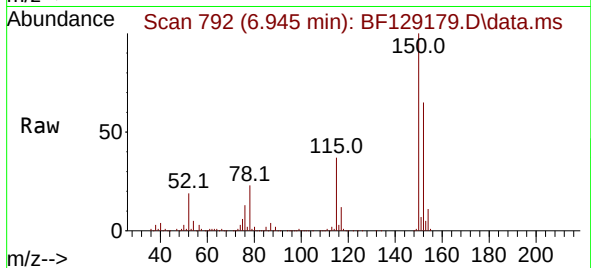
Quant Time: Jul 08 23:24:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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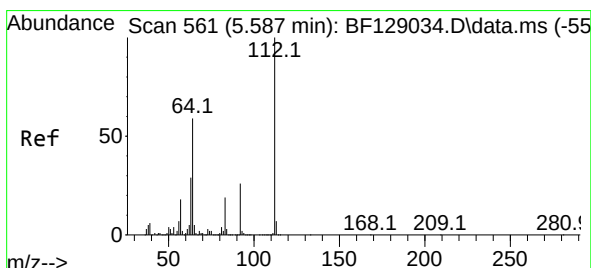
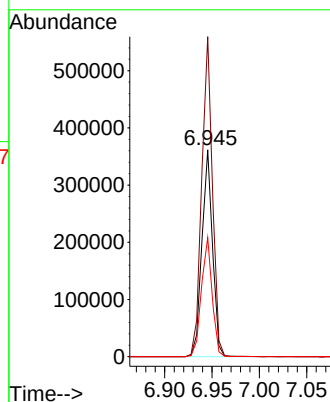
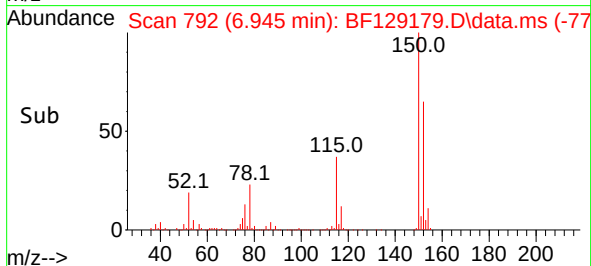


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

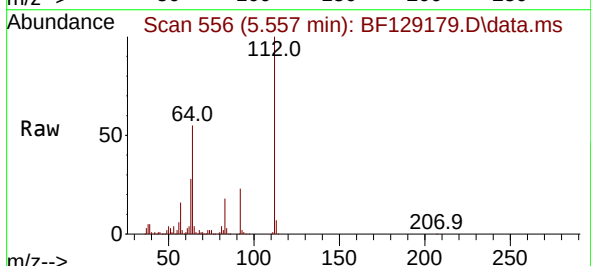
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL



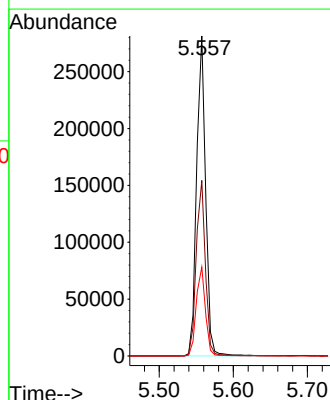
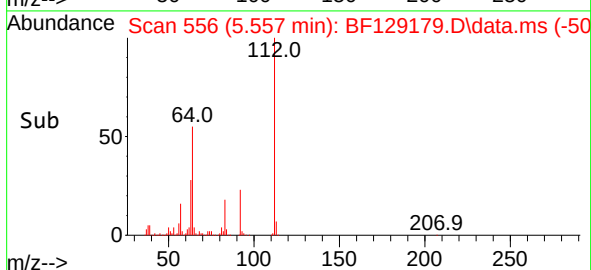
Tgt Ion:152 Resp: 283464
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 57.5 49.9 74.9

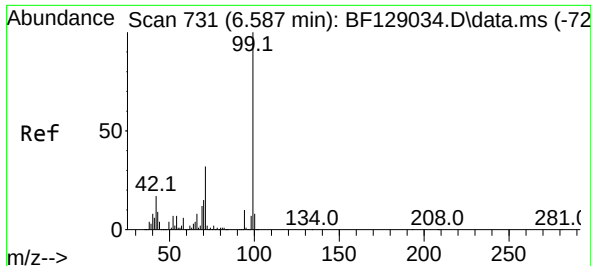


#5
2-Fluorophenol
Concen: 14.174 ng
RT: 5.557 min Scan# 556
Delta R.T. -0.017 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11



Tgt Ion:112 Resp: 237657
Ion Ratio Lower Upper
112 100
64 54.8 53.3 79.9
63 27.8 28.0 42.0

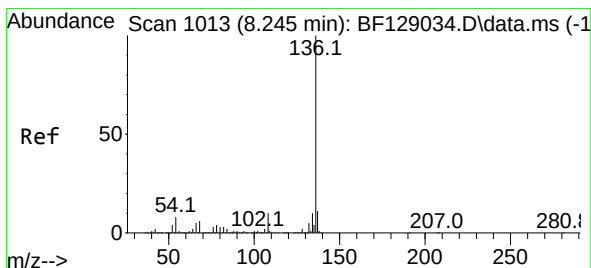
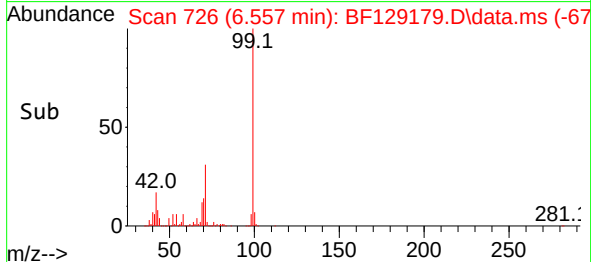
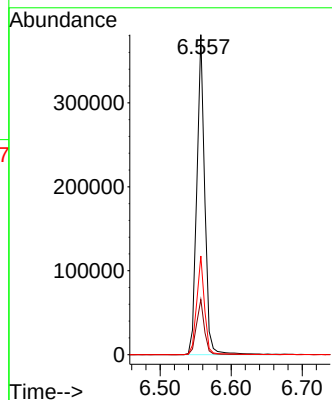
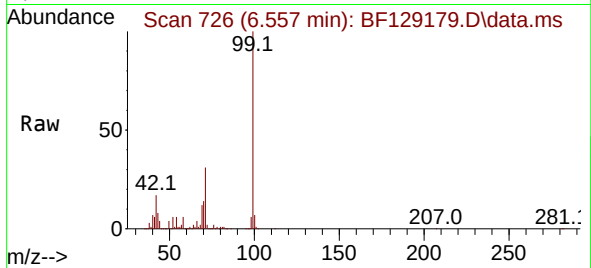




#7
Phenol-d6
Concen: 14.289 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

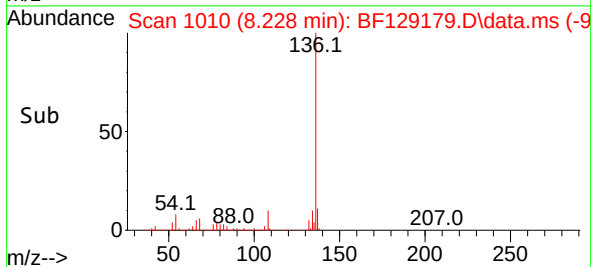
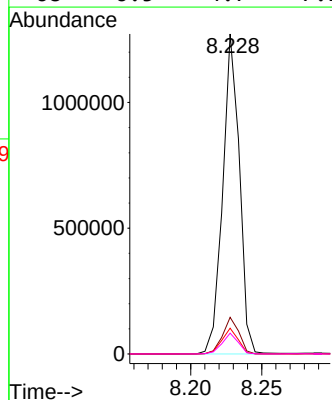
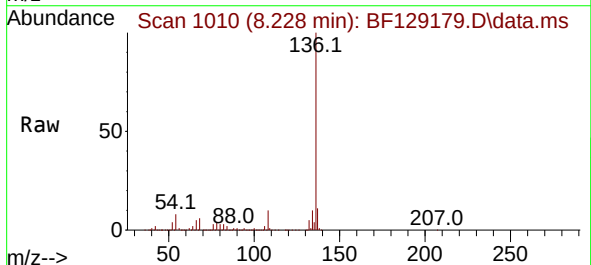
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL

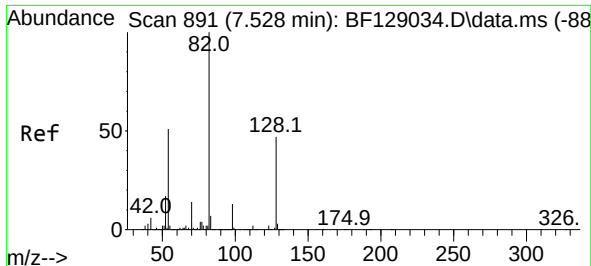
Tgt Ion: 99 Resp: 297560
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9#
71 30.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion: 136 Resp: 1038119
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.1 7.5 11.3
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 10.173 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.012 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

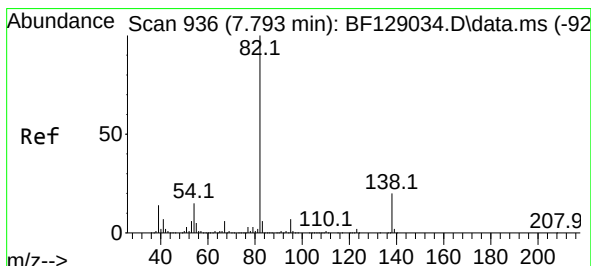
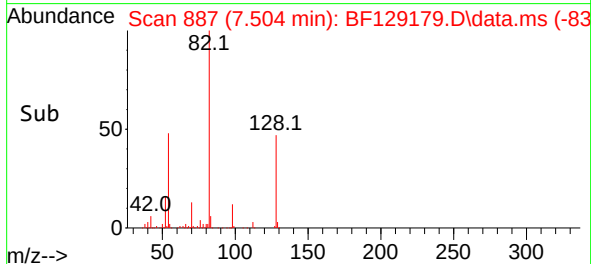
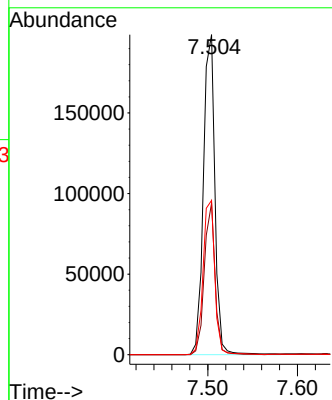
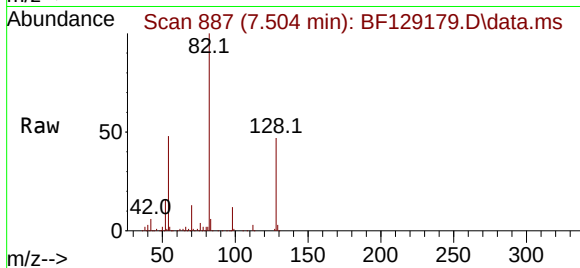
Tgt Ion: 82 Resp: 177061

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

54 48.2 46.9 70.3



#25

Isophorone

Concen: 6.020 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.264 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

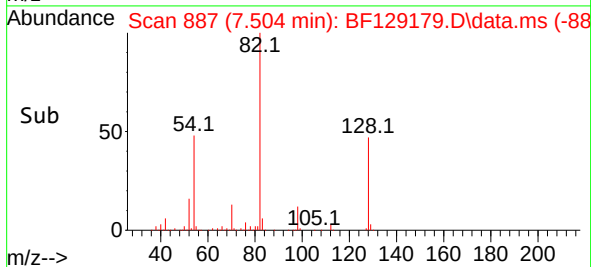
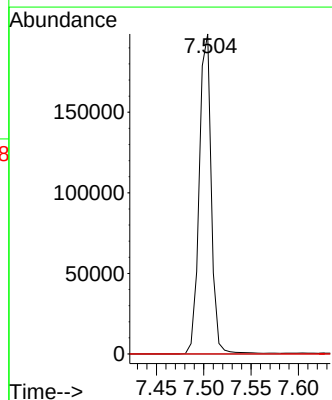
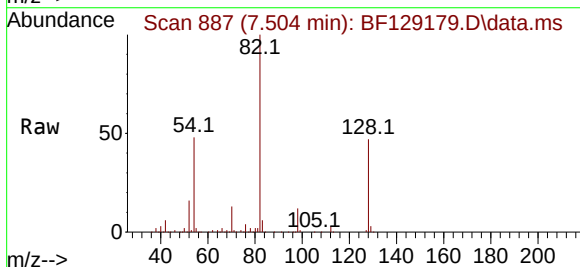
Tgt Ion: 82 Resp: 177060

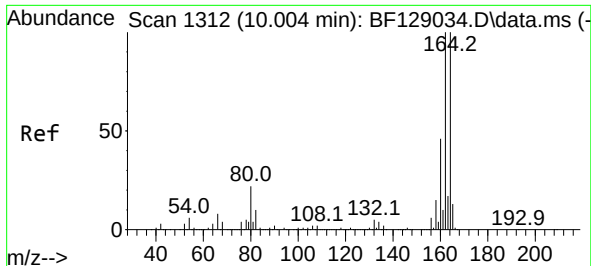
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

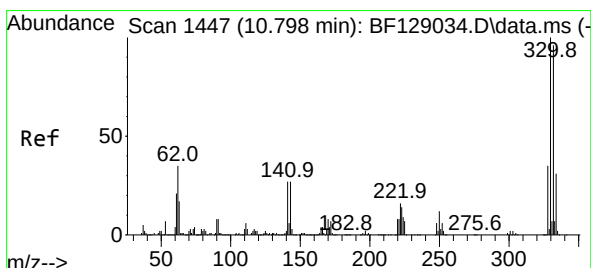
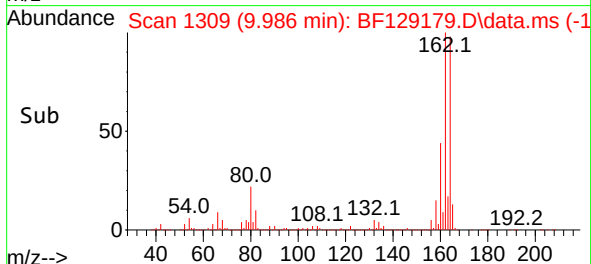
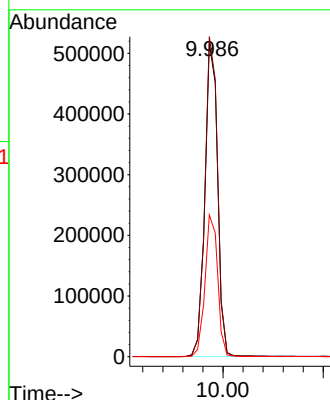
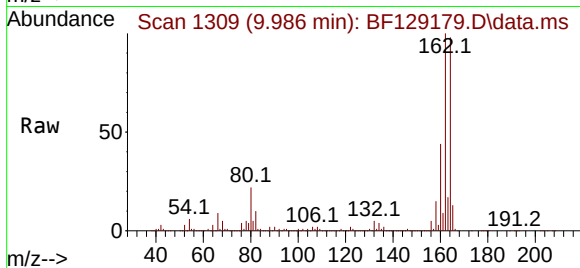
Tgt Ion:164 Resp: 455200

Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 45.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 13.548 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

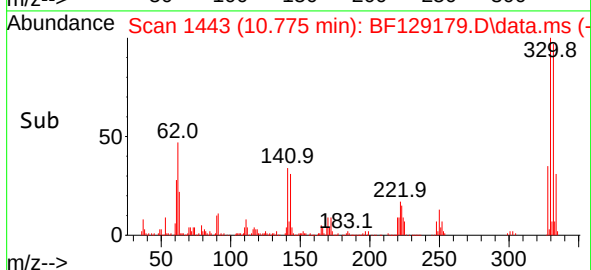
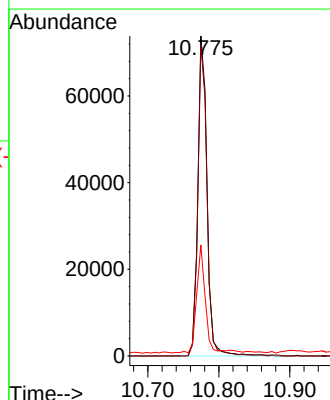
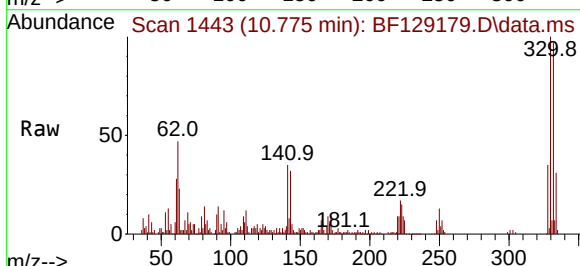
Tgt Ion:330 Resp: 67057

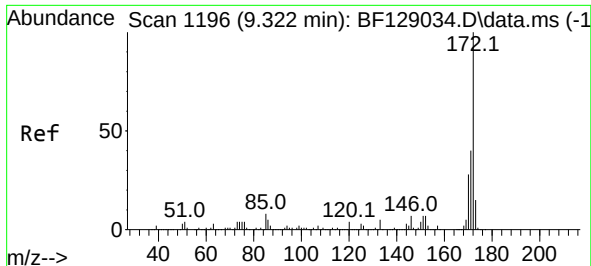
Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 31.3 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 8.144 ng

RT: 9.298 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

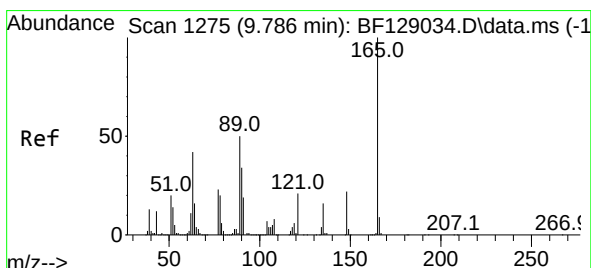
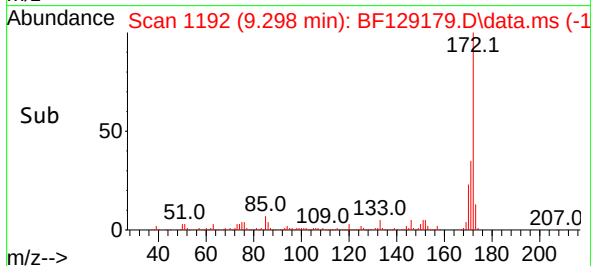
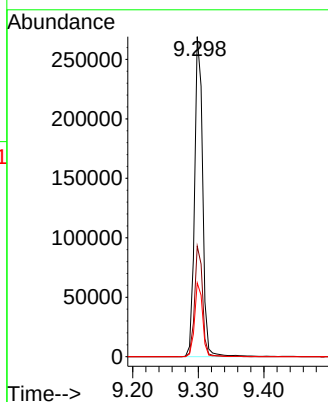
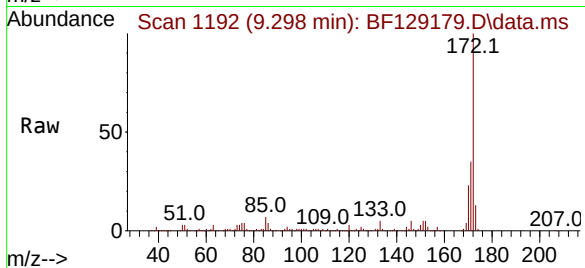
Tgt Ion:172 Resp: 231726

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.0 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 10.165 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.212 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

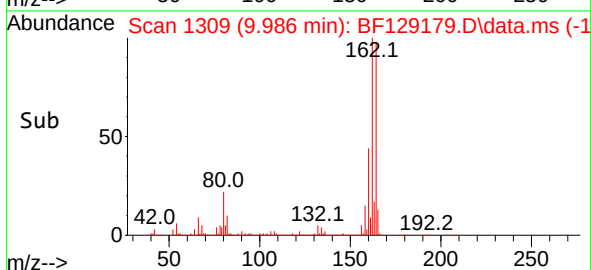
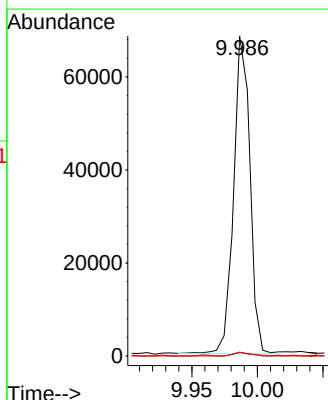
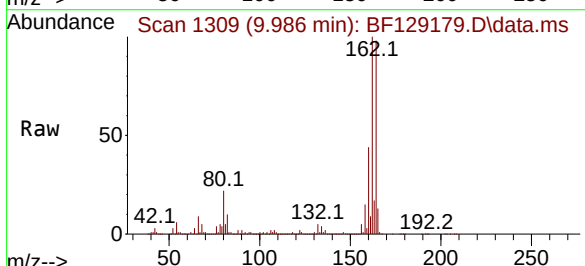
Tgt Ion:165 Resp: 59151

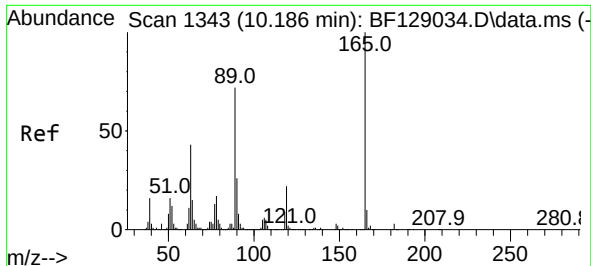
Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.1 43.6 65.4#

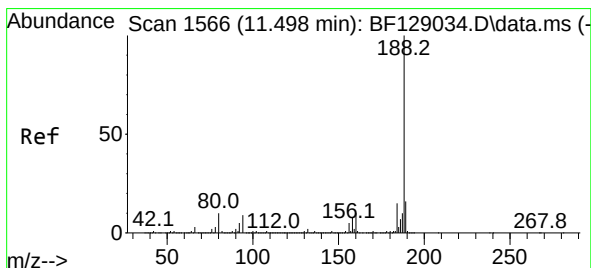
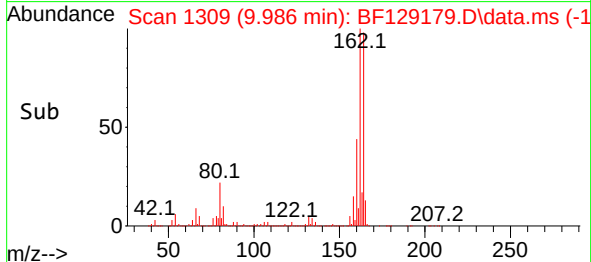
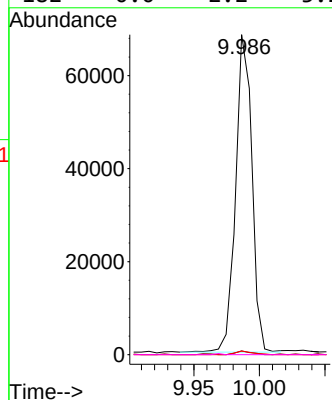
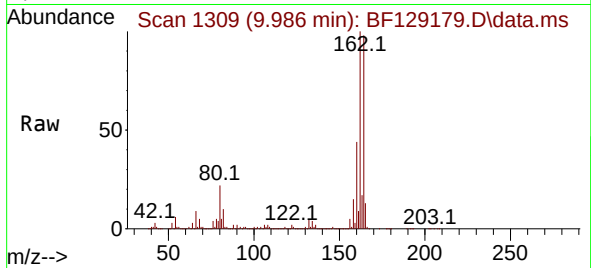




#57
2,4-Dinitrotoluene
Concen: 8.234 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

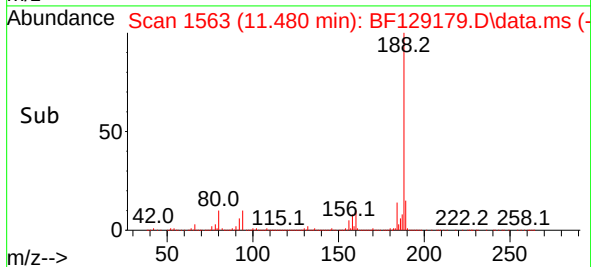
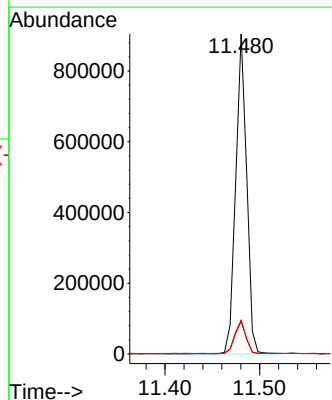
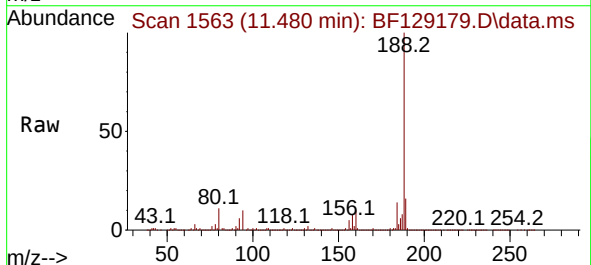
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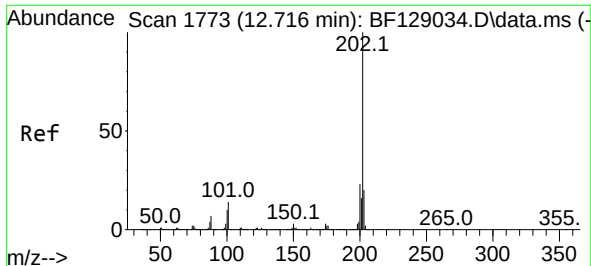
Tgt Ion:165 Resp: 59151
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:188 Resp: 725253
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.6 7.6 11.4

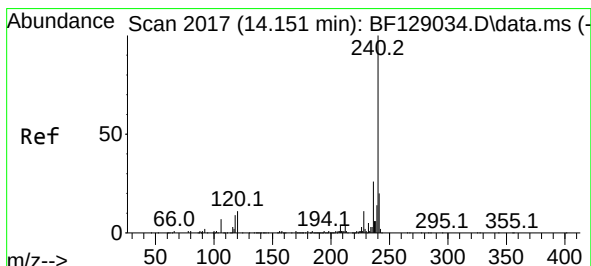
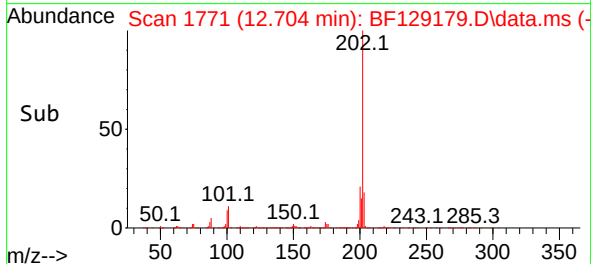
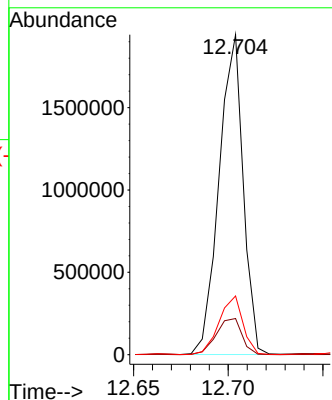
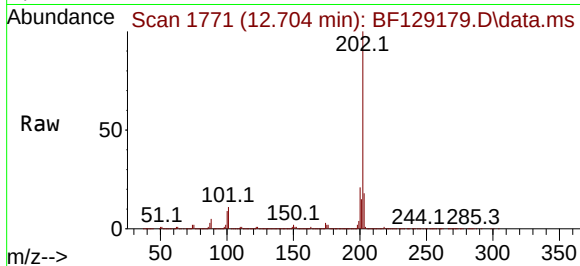




#75
Fluoranthene
Concen: 47.367 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

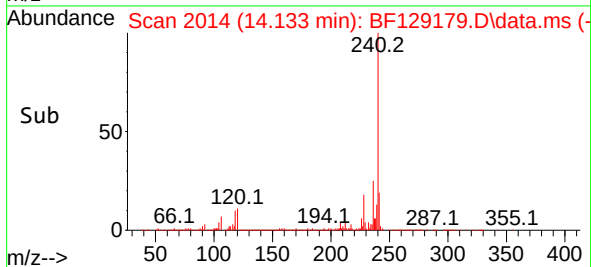
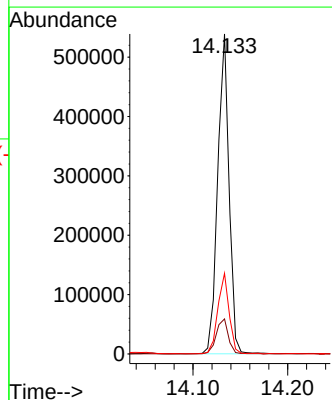
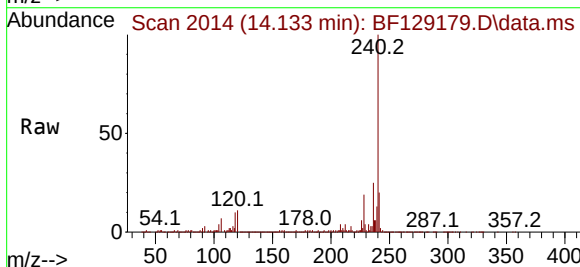
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL

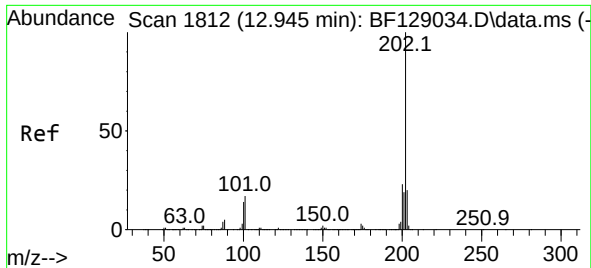
Tgt Ion:202 Resp: 1716570
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:240 Resp: 449327
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.2 20.8 31.2

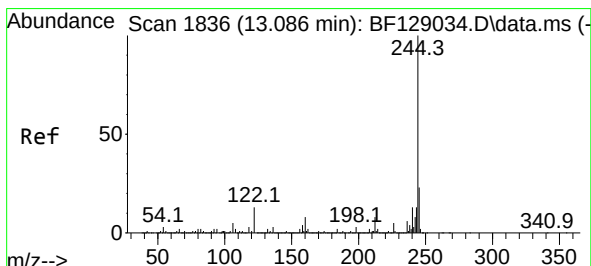
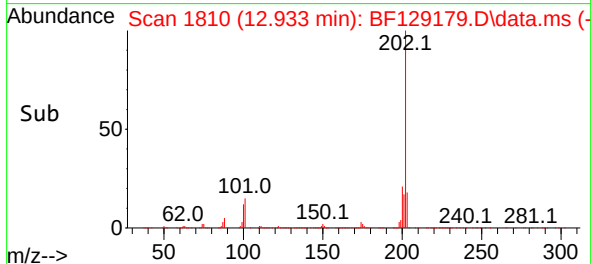
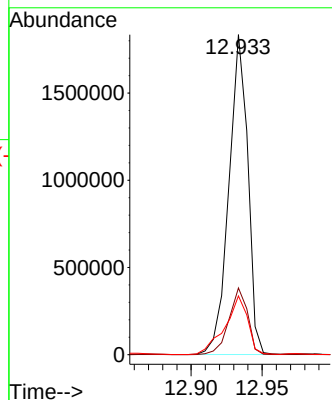
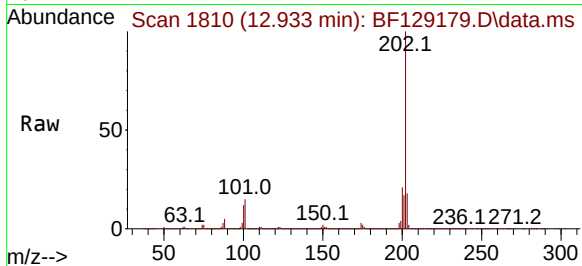




#78
Pyrene
Concen: 54.514 ng
RT: 12.933 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

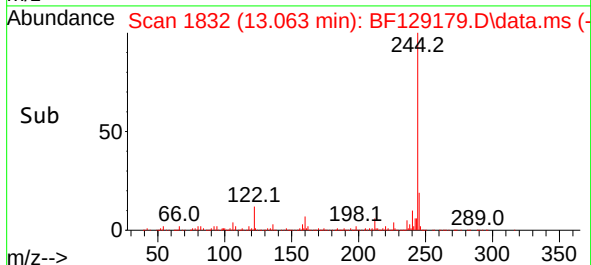
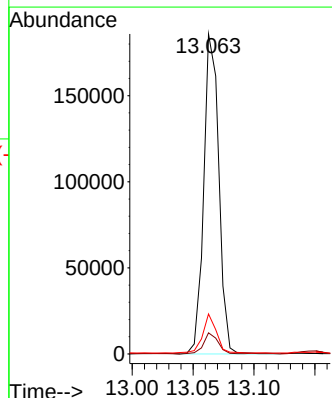
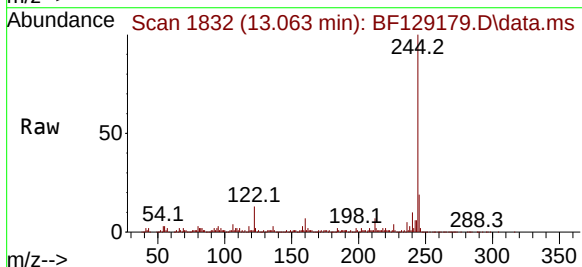
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL

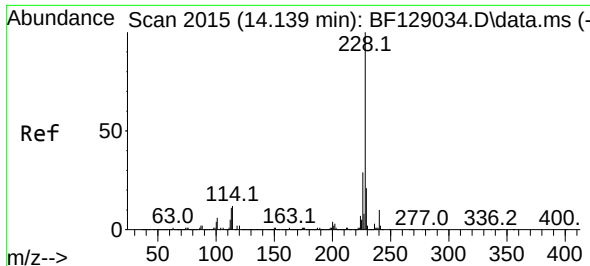
Tgt Ion:202 Resp: 1697878
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 18.4 14.6 21.8



#79
Terphenyl-d14
Concen: 7.427 ng
RT: 13.063 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:244 Resp: 160708
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 12.5 8.8 13.2

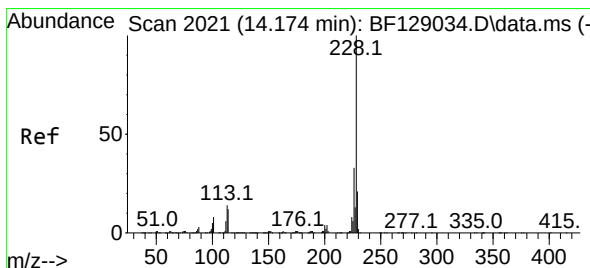
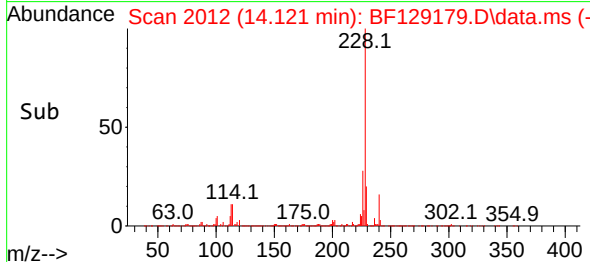
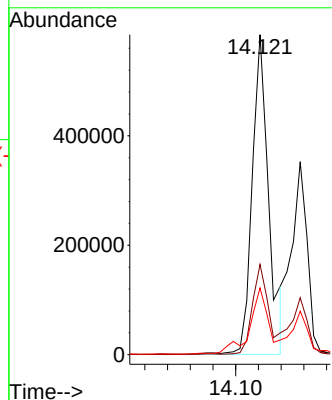
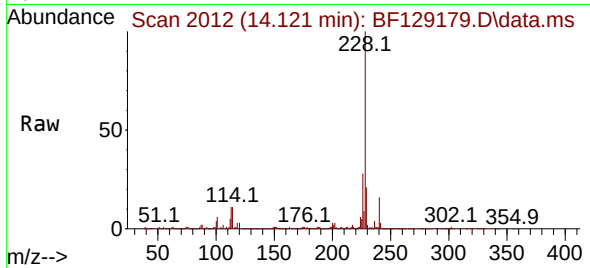




#81
Benzo(a)anthracene
Concen: 21.455 ng
RT: 14.121 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

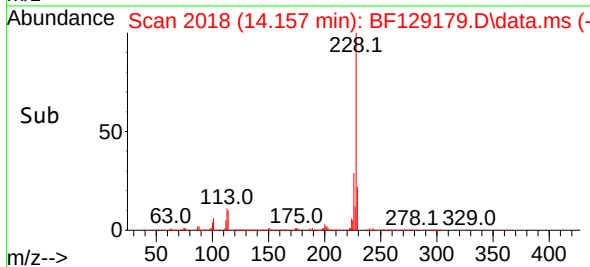
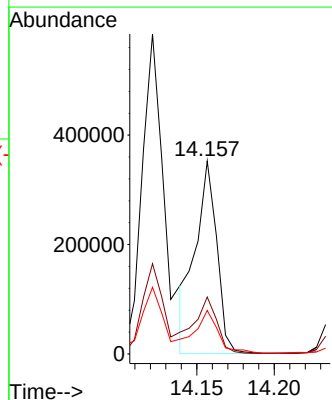
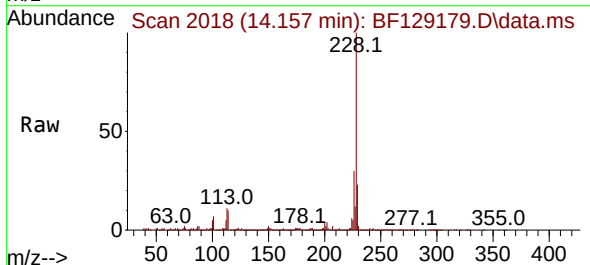
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL

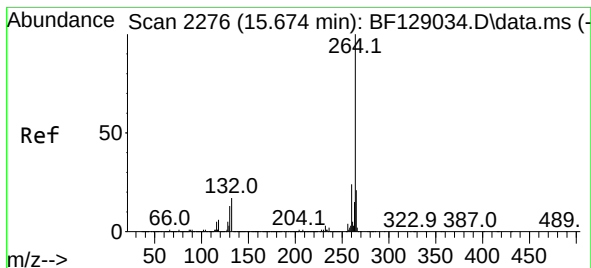
Tgt Ion:228 Resp: 588615
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.9 15.8 23.8



#83
Chrysene
Concen: 13.467 ng
RT: 14.157 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:228 Resp: 343005
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 22.6 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

Instrument :

BNA_F

ClientSampleId :

CHRT-26572DL

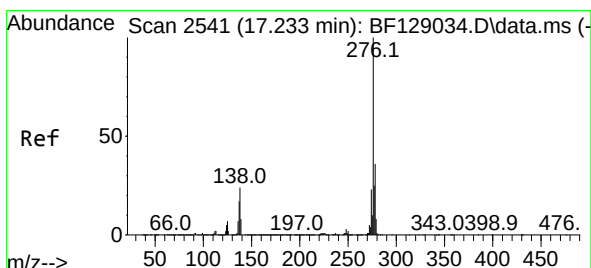
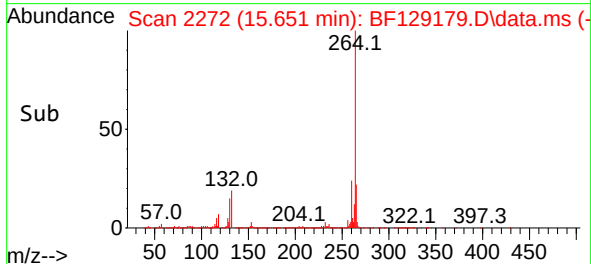
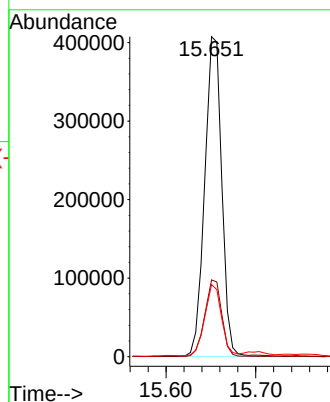
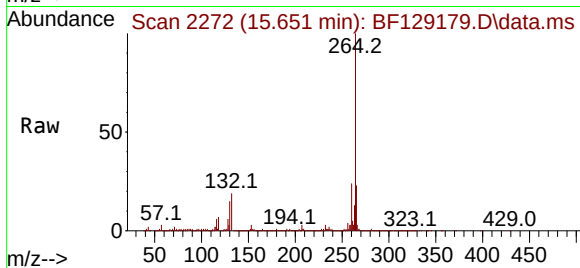
Tgt Ion:264 Resp: 537537

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.069 ng

RT: 17.198 min Scan# 2535

Delta R.T. -0.017 min

Lab File: BF129179.D

Acq: 08 Jul 2022 17:11

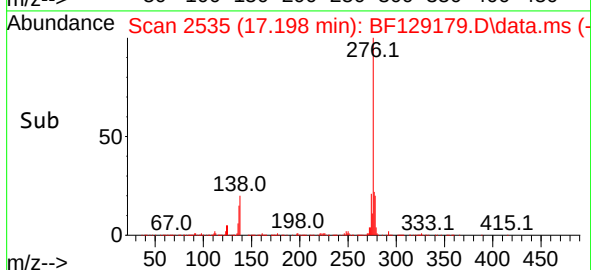
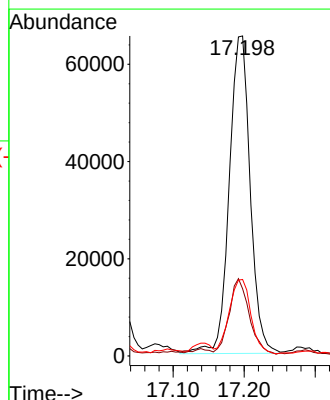
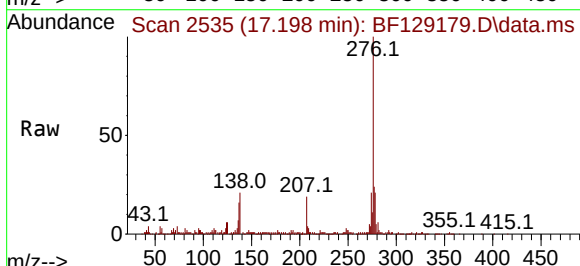
Tgt Ion:276 Resp: 134154

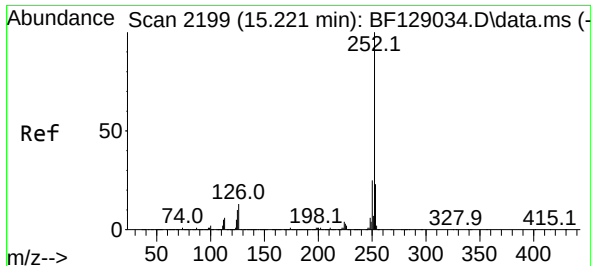
Ion Ratio Lower Upper

276 100

138 22.8 21.1 31.7

277 24.2 20.3 30.5

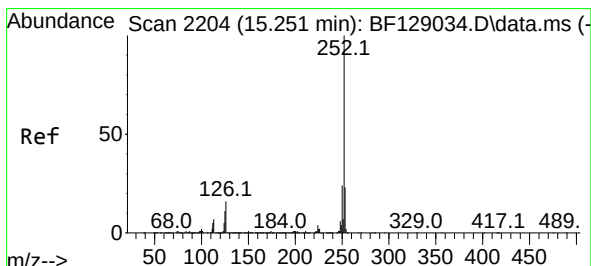
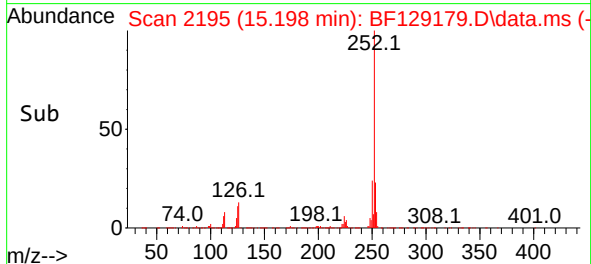
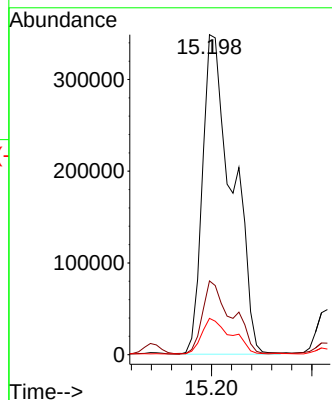
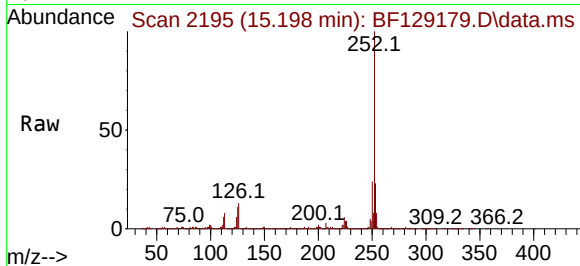




#88
Benzo(b)fluoranthene
Concen: 22.338 ng
RT: 15.198 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

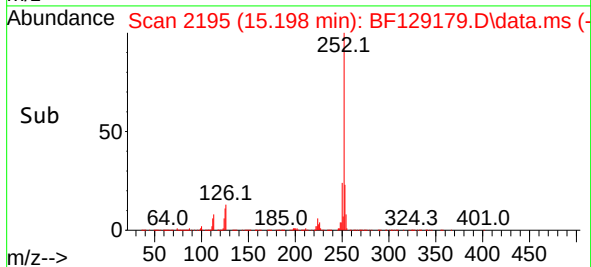
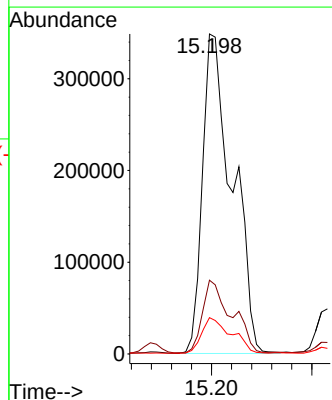
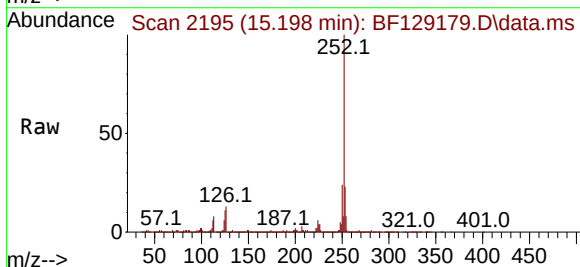
Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL

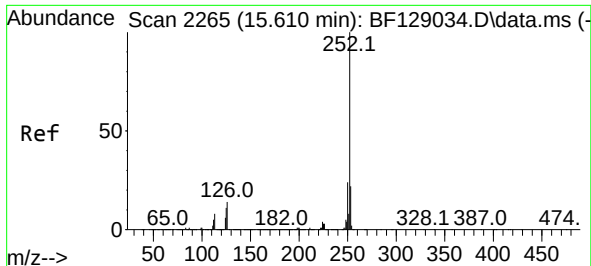
Tgt Ion:252 Resp: 722116
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.3 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 23.030 ng
RT: 15.198 min Scan# 2195
Delta R.T. -0.035 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:252 Resp: 722116
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 11.3 8.3 12.5

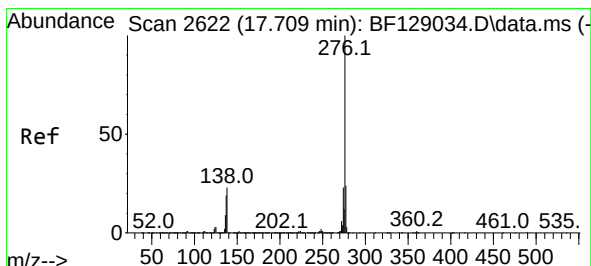
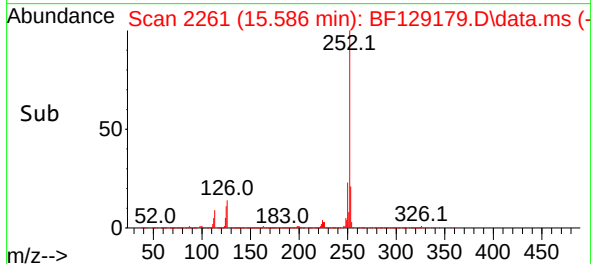
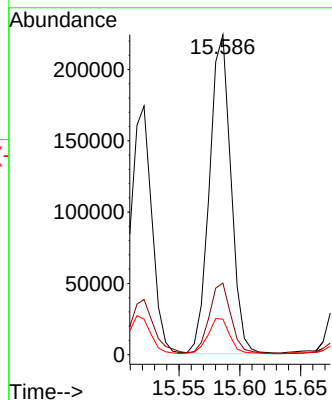
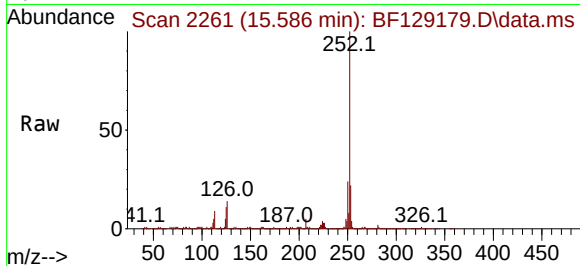




#90
Benzo(a)pyrene
Concen: 10.443 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Instrument :
BNA_F
ClientSampleId :
CHRT-26572DL

Tgt Ion:252 Resp: 275219
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.1 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 3.789 ng
RT: 17.662 min Scan# 2614
Delta R.T. -0.029 min
Lab File: BF129179.D
Acq: 08 Jul 2022 17:11

Tgt Ion:276 Resp: 102156
Ion Ratio Lower Upper
276 100
277 25.3 19.1 28.7
138 23.8 18.0 27.0

