

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129077.D
 Acq On : 01 Jul 2022 00:31
 Operator : CG\JU
 Sample : N3434-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30

Quant Time: Jul 01 05:45:28 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)

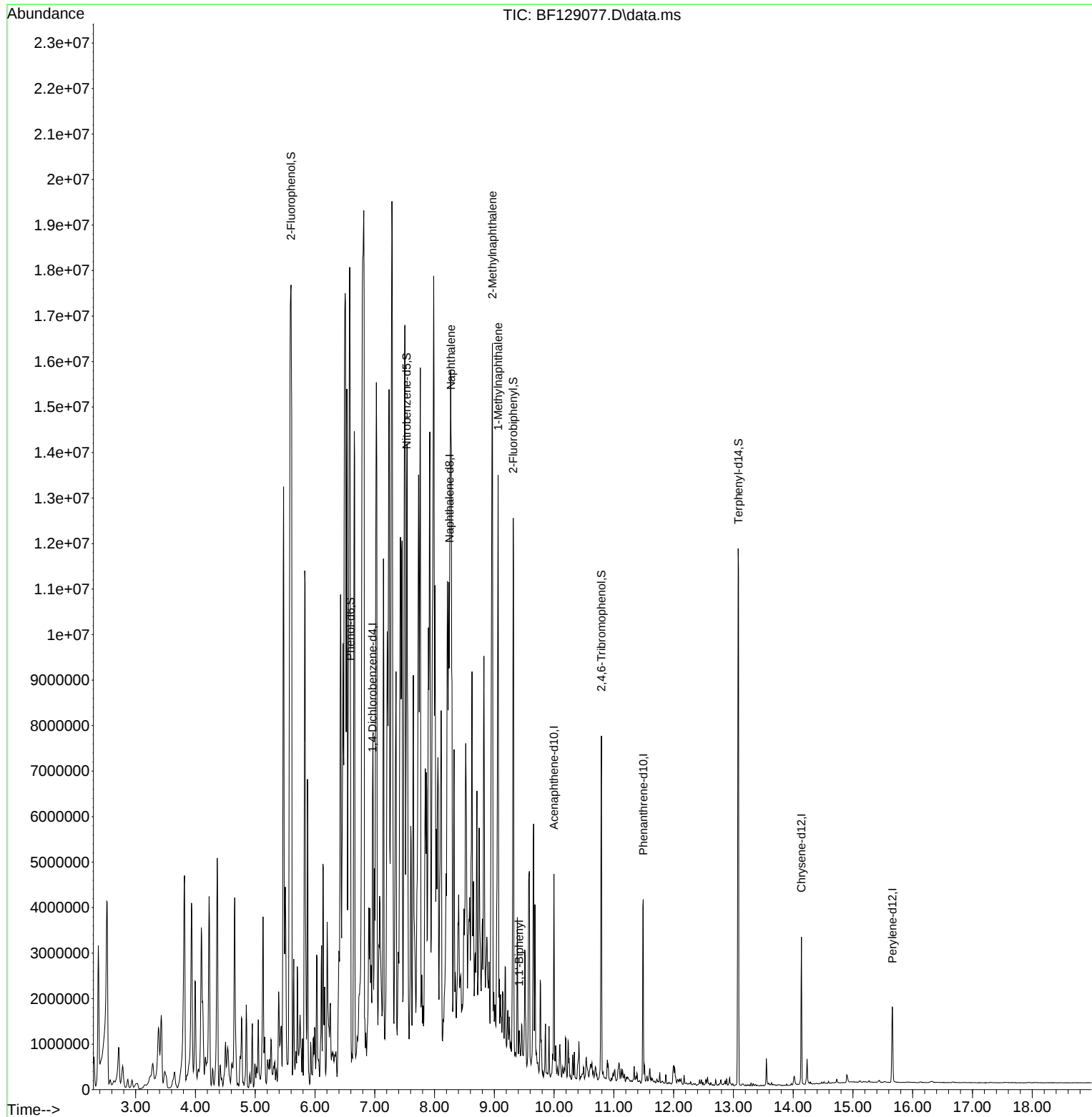
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	394832	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	1269017	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	844323	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1509508	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1010502	20.000	ng	-0.01
86) Perylene-d12	15.662	264	805049	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1583090	67.786	ng	0.01
7) Phenol-d6	6.592	99	3051755	105.215	ng	0.00
23) Nitrobenzene-d5	7.534	82	2286415	107.466	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1029818	112.171	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4167341	78.961	ng	0.00
79) Terphenyl-d14	13.086	244	4529000	93.073	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.275	128	7556009	131.158	ng	# 88
37) 2-Methylnaphthalene	8.969	142	6811607	175.713	ng	97
38) 1-Methylnaphthalene	9.063	142	3840380	102.013	ng	100
46) 1,1'-Biphenyl	9.416	154	179145	2.951	ng	99

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

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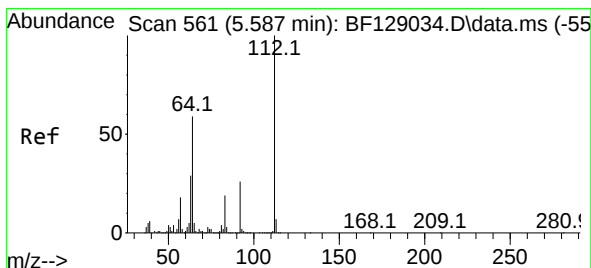
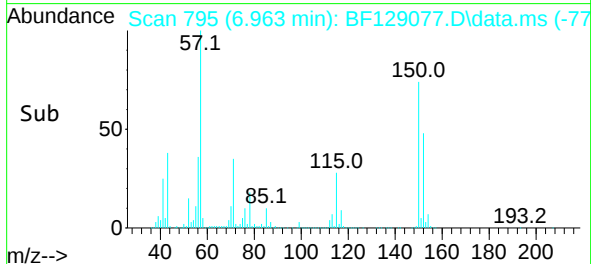
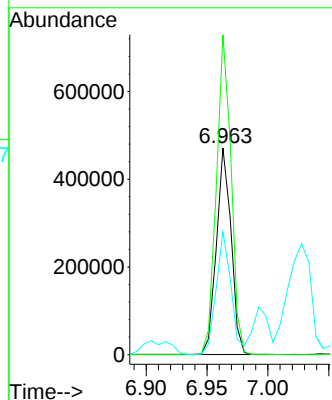
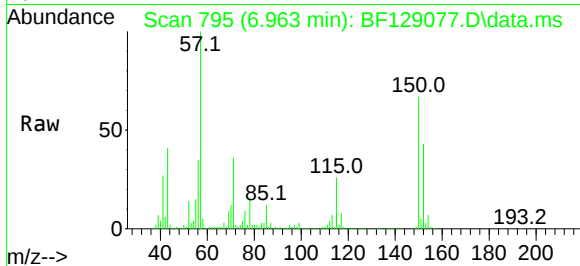




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

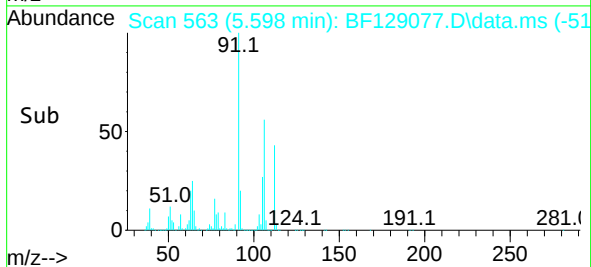
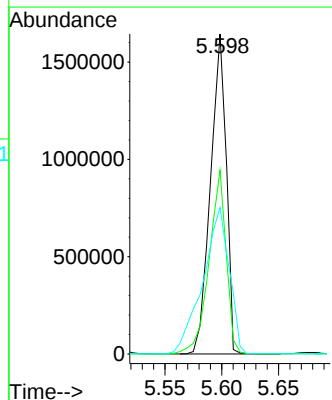
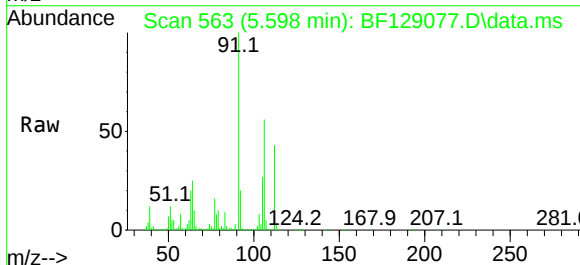
Instrument :
BNA_F
ClientSampleId :
B2205-30

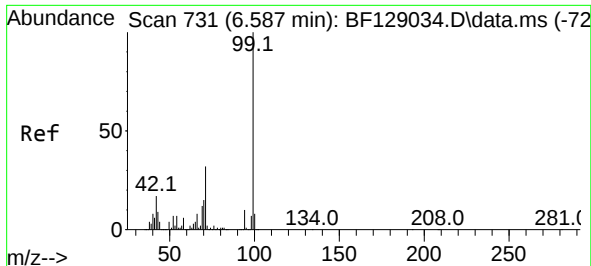
Tgt Ion:152 Resp: 394832
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 67.786 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:112 Resp: 1583090
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 45.8 28.0 42.0#

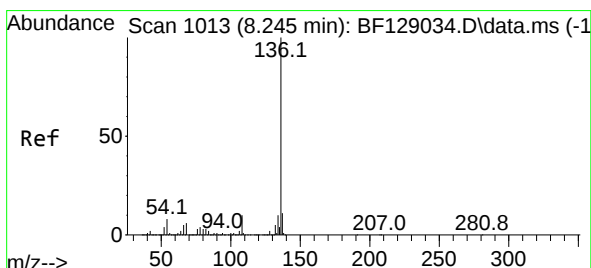
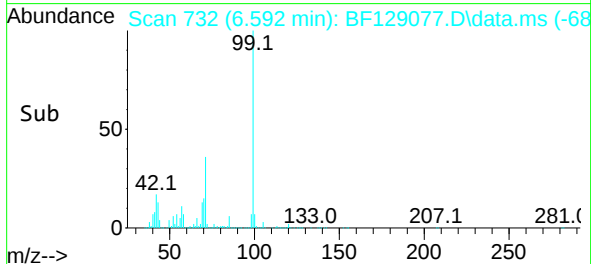
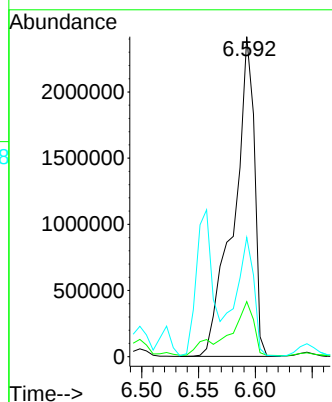
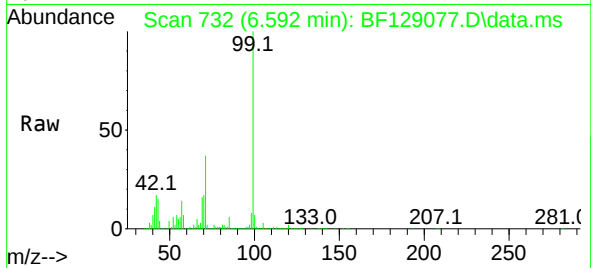




#7
Phenol-d6
Concen: 105.215 ng
RT: 6.592 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

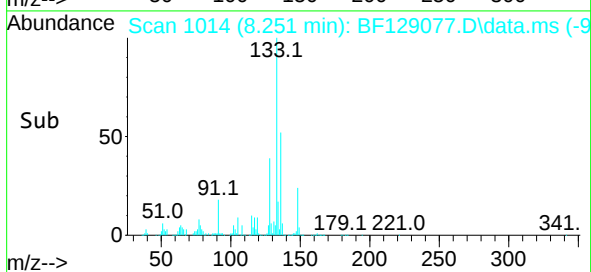
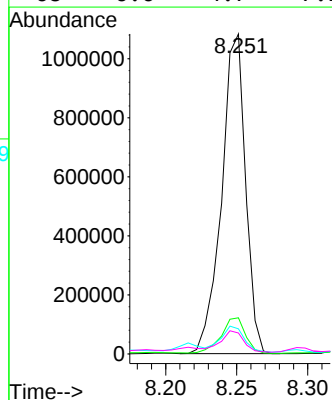
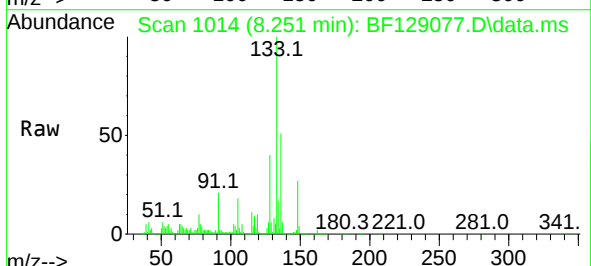
Instrument :
BNA_F
ClientSampleId :
B2205-30

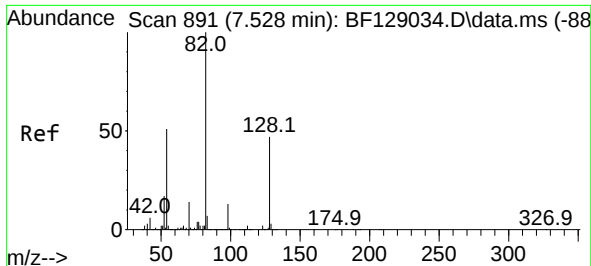
Tgt Ion: 99 Resp: 3051755
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 37.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:136 Resp: 1269017
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 7.5 11.3
68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 107.466 ng

RT: 7.534 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

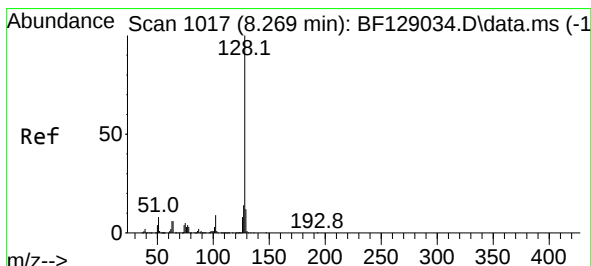
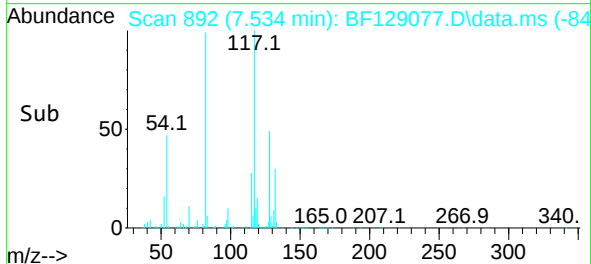
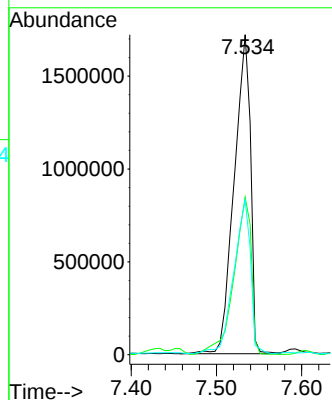
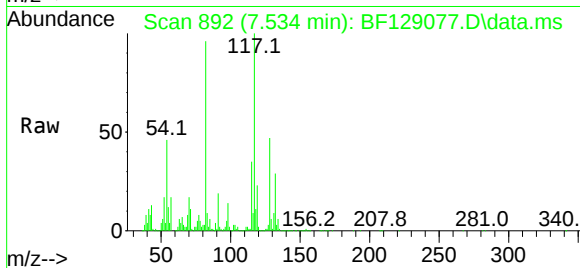
BNA_F

ClientSampleId :

B2205-30

Tgt Ion: 82 Resp: 2286415

Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	48.3	46.9	70.3



#31

Naphthalene

Concen: 131.158 ng

RT: 8.275 min Scan# 1018

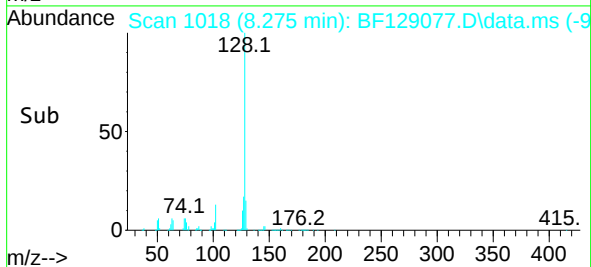
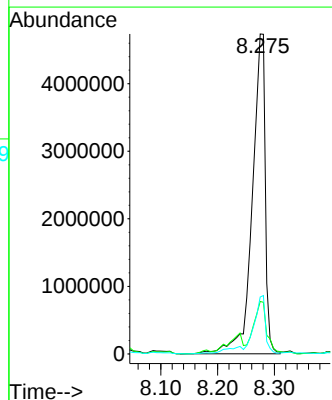
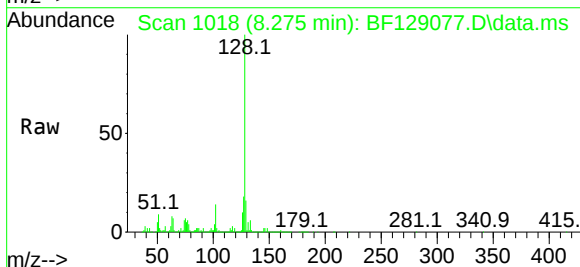
Delta R.T. 0.006 min

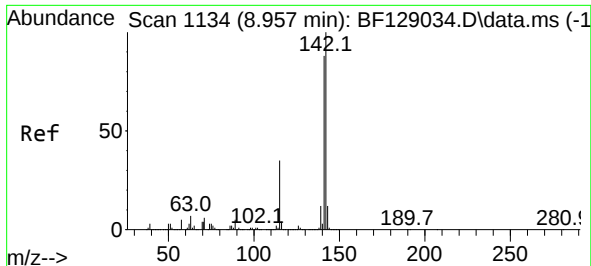
Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Tgt Ion:128 Resp: 7556009

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.2	13.8#
127	17.8	10.5	15.7#





#37

2-Methylnaphthalene

Concen: 175.713 ng

RT: 8.969 min Scan# 1136

Delta R.T. 0.012 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

BNA_F

ClientSampleId :

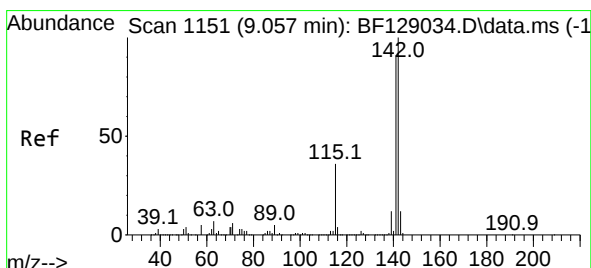
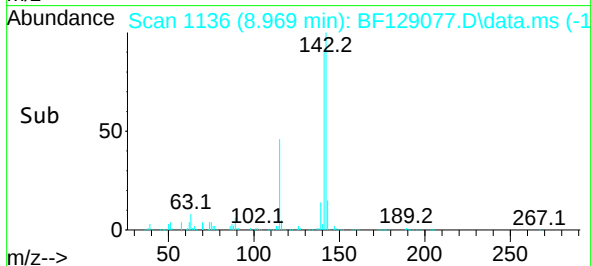
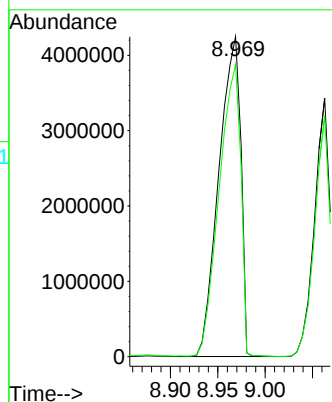
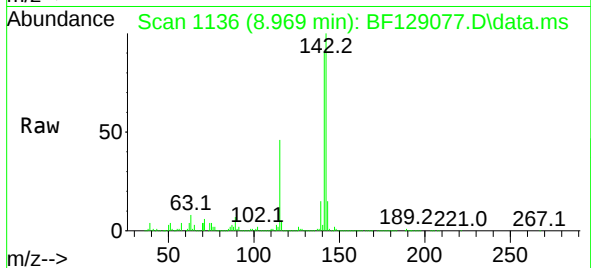
B2205-30

Tgt Ion:142 Resp: 6811607

Ion Ratio Lower Upper

142 100

141 91.3 71.0 106.4



#38

1-Methylnaphthalene

Concen: 102.013 ng

RT: 9.063 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BF129077.D

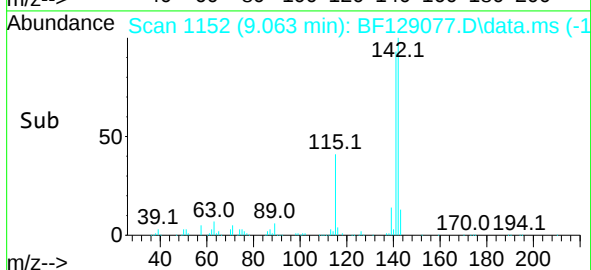
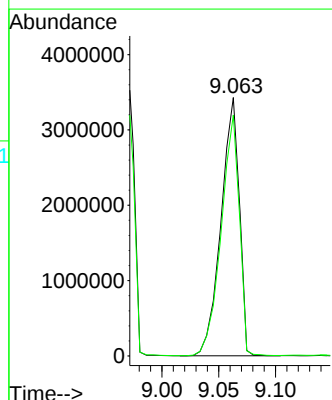
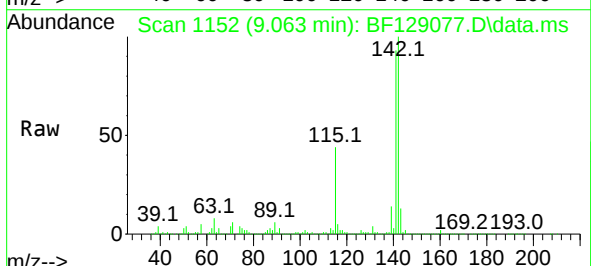
Acq: 01 Jul 2022 00:31

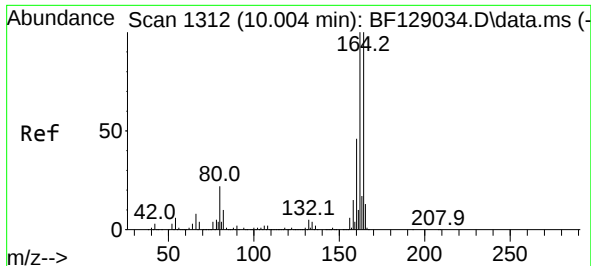
Tgt Ion:142 Resp: 3840380

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4

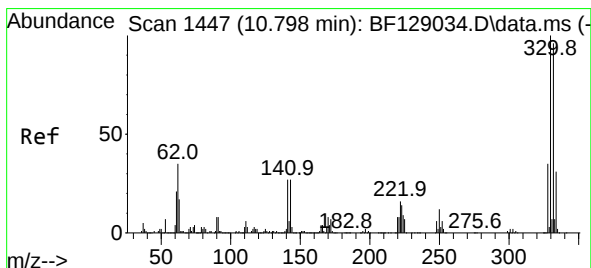
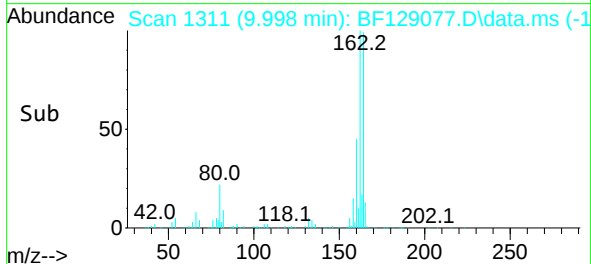
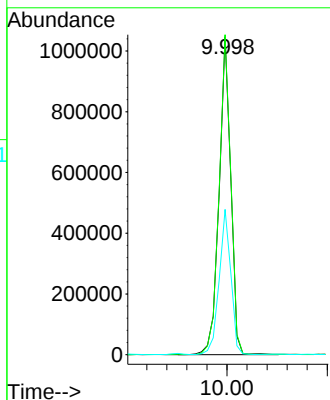
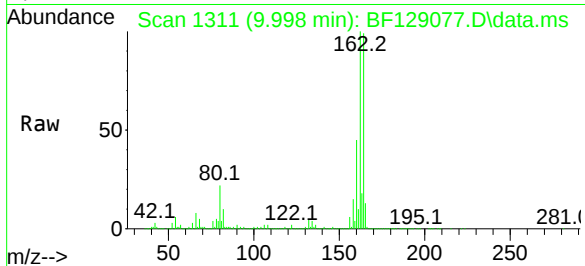




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

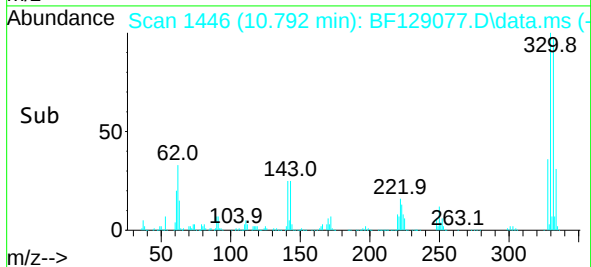
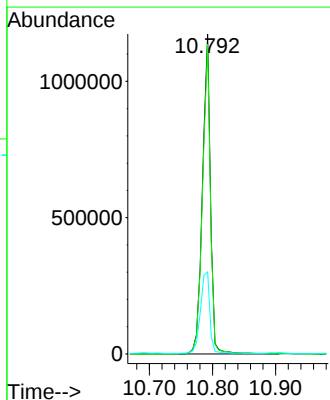
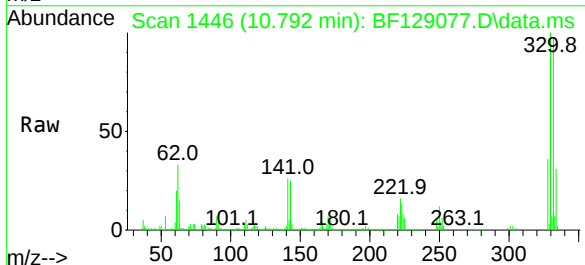
Instrument :
BNA_F
ClientSampleId :
B2205-30

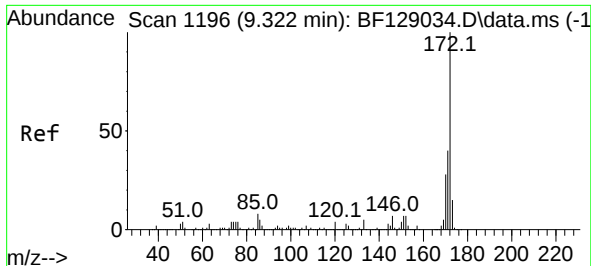
Tgt Ion:164 Resp: 844323
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 45.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 112.171 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:330 Resp: 1029818
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 30.1 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 78.961 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

BNA_F

ClientSampleId :

B2205-30

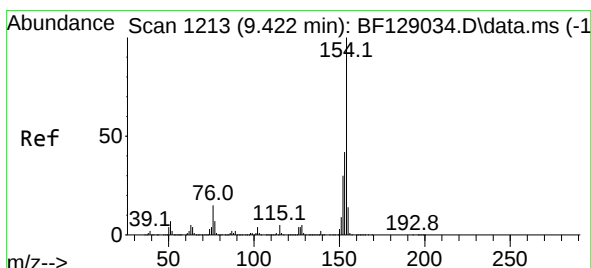
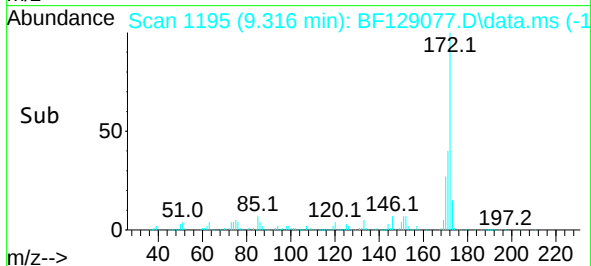
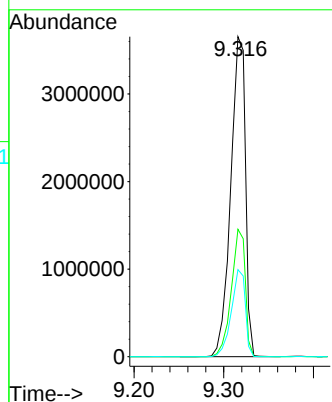
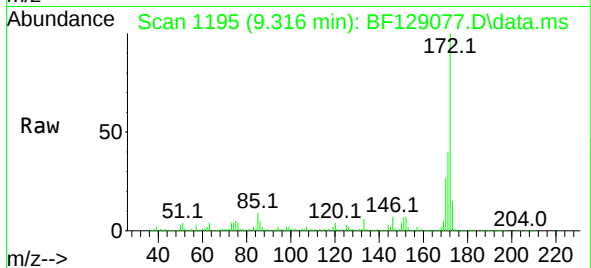
Tgt Ion:172 Resp: 4167341

Ion Ratio Lower Upper

172 100

171 39.8 28.8 43.2

170 27.2 19.8 29.8



#46

1,1'-Biphenyl

Concen: 2.951 ng

RT: 9.416 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

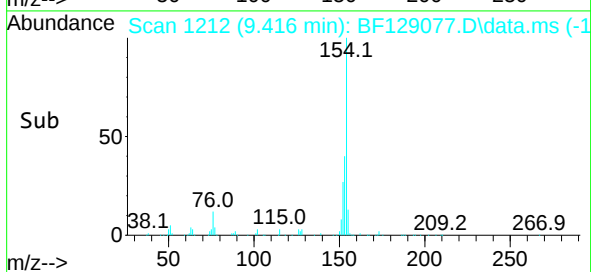
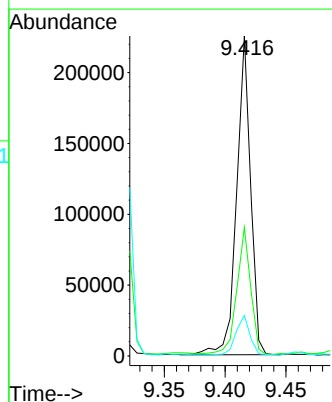
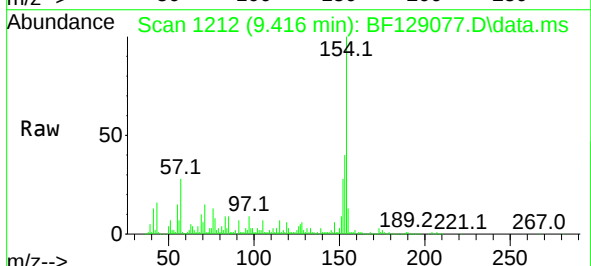
Tgt Ion:154 Resp: 179145

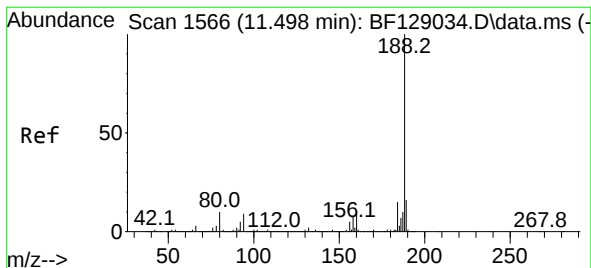
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

76 12.6 0.0 33.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

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B2205-30

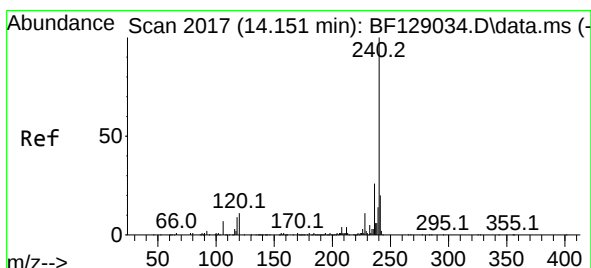
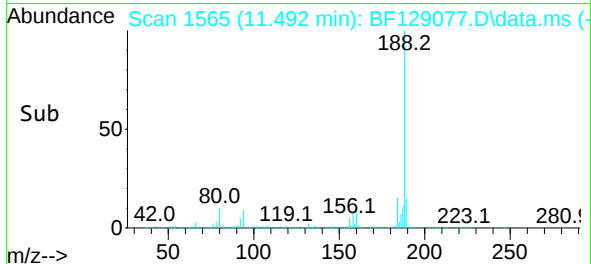
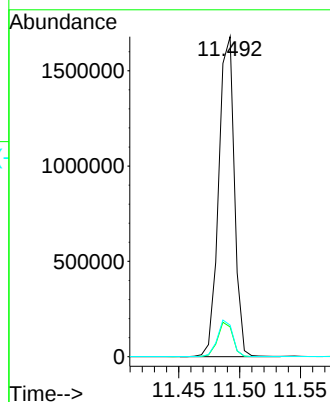
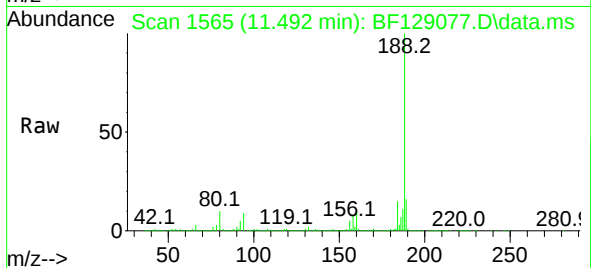
Tgt Ion:188 Resp: 1509508

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

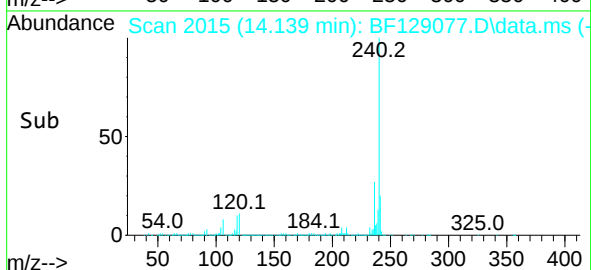
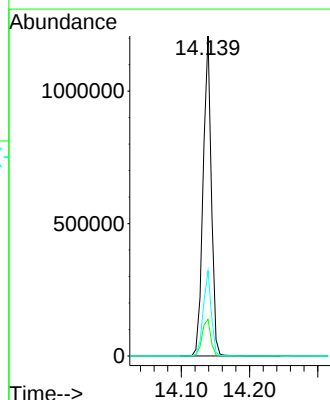
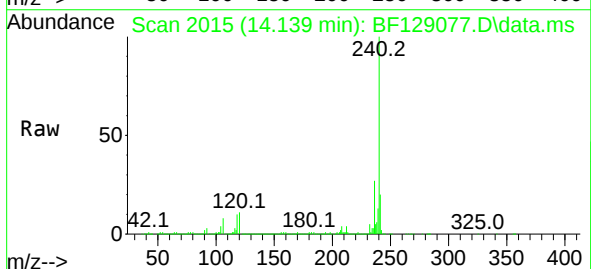
Tgt Ion:240 Resp: 1010502

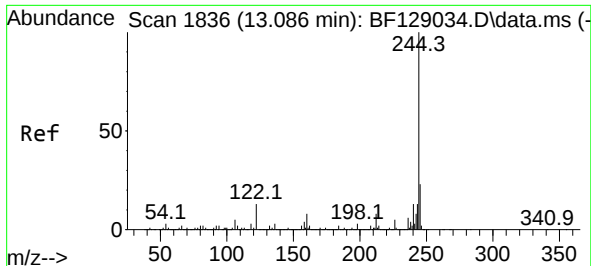
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 26.6 20.8 31.2

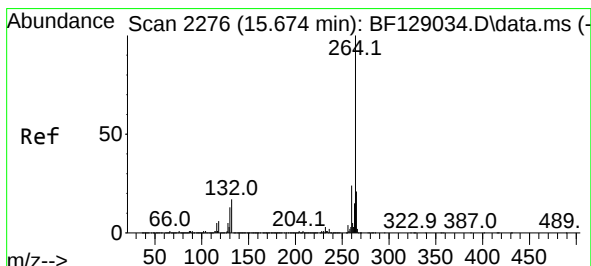
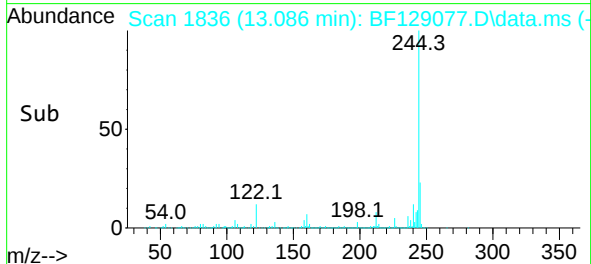
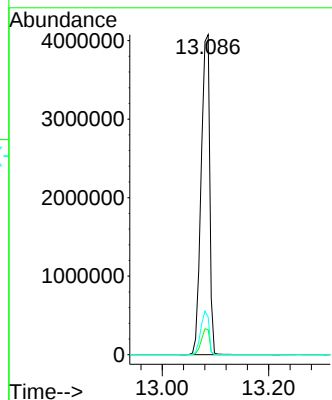
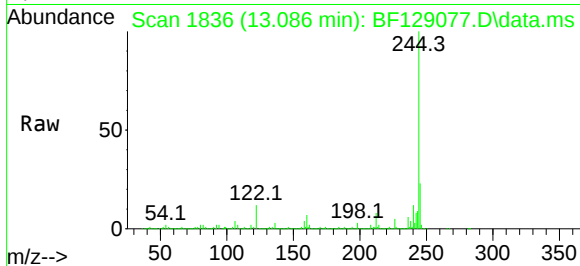




#79
 Terphenyl-d14
 Concen: 93.073 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129077.D
 Acq: 01 Jul 2022 00:31

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30

Tgt Ion:244 Resp: 4529000
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 11.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129077.D
 Acq: 01 Jul 2022 00:31

Tgt Ion:264 Resp: 805049
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.7 17.2 25.8

