

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129193.D
 Acq On : 12 Jul 2022 17:13
 Operator : CG\JU
 Sample : N3648-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP2-0708

Quant Time: Jul 12 18:39:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

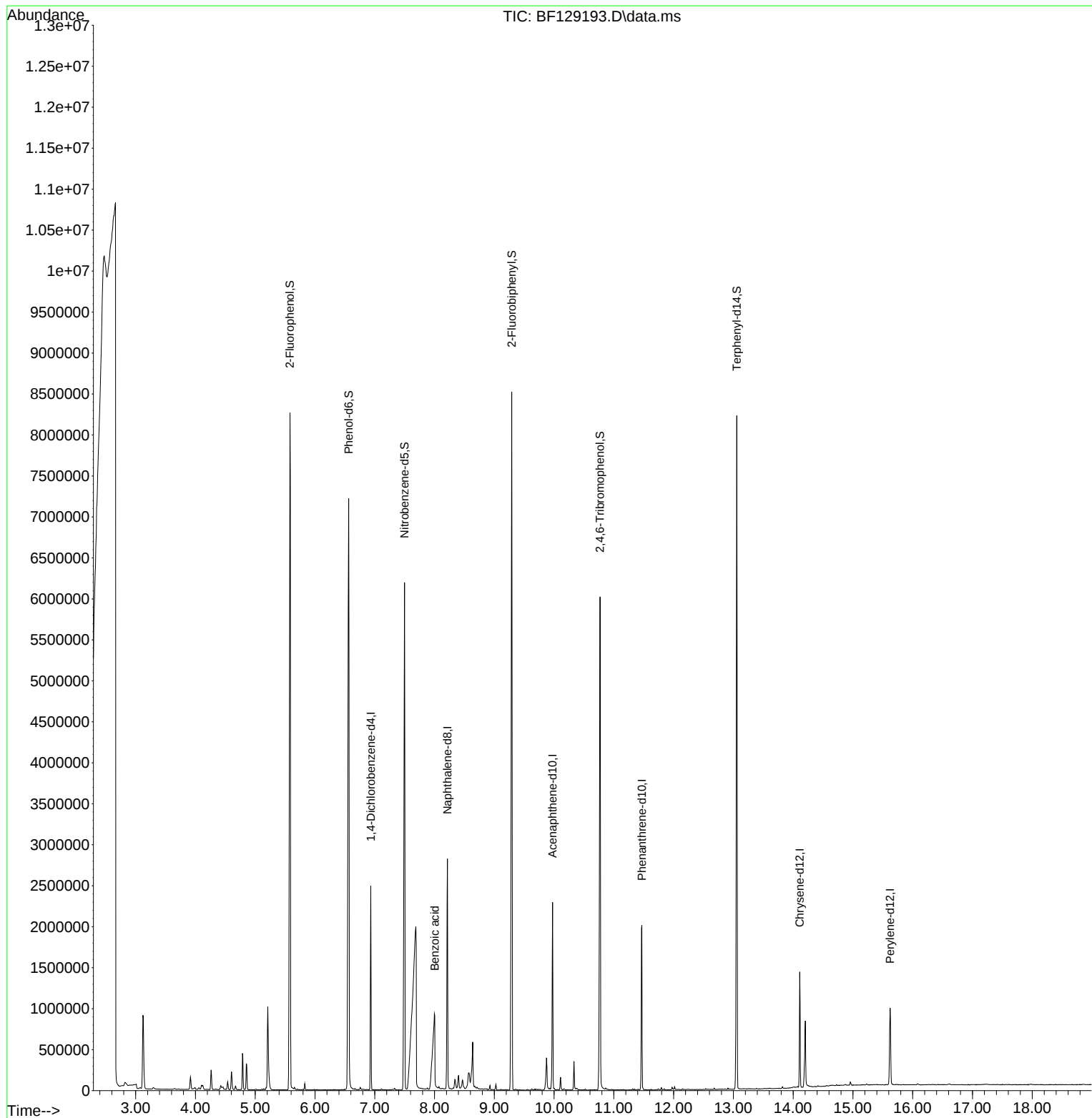
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	335392	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1281609	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	453537	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	763645	20.000	ng	0.00
76) Chrysene-d12	14.109	240	446996	20.000	ng	-0.01
86) Perylene-d12	15.621	264	420881	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.580	112	2686478	135.419	ng	0.02
7) Phenol-d6	6.563	99	3151965	127.929	ng	0.00
23) Nitrobenzene-d5	7.498	82	2365862	110.108	ng	0.00
42) 2,4,6-Tribromophenol	10.768	330	861979	174.789	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2968563	104.712	ng	0.00
79) Terphenyl-d14	13.056	244	2942465	136.699	ng	0.00
Target Compounds						
32) Benzoic acid	8.004	122	497638	35.557	ng	Qvalue 94

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

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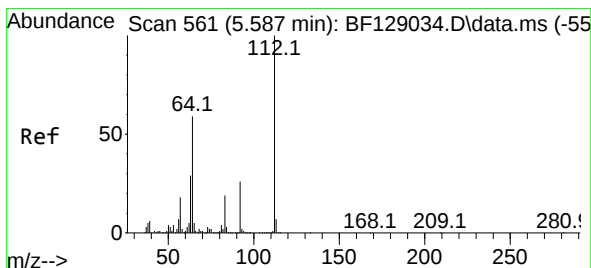
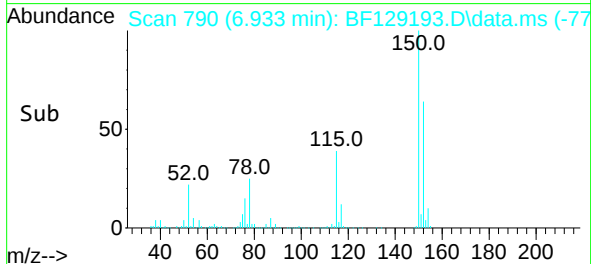
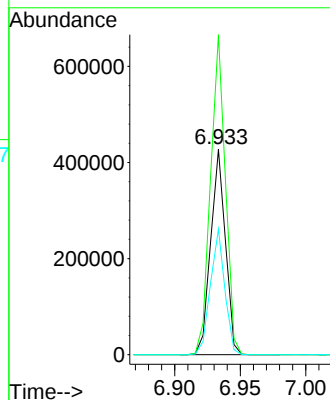
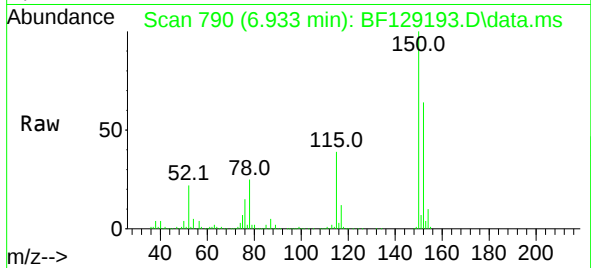




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.933 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

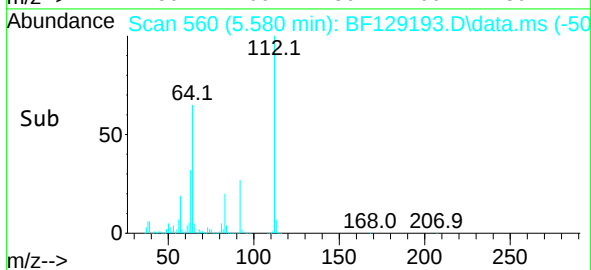
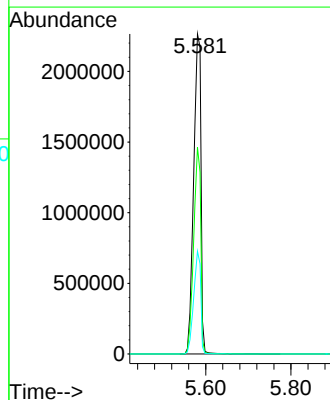
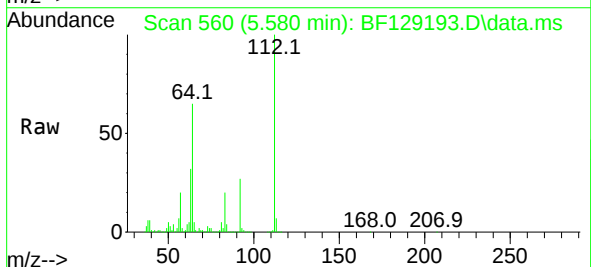
Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Tgt Ion:152 Resp: 335392
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 135.419 ng
RT: 5.580 min Scan# 560
Delta R.T. 0.017 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:112 Resp: 2686478
Ion Ratio Lower Upper
112 100
64 64.6 53.3 79.9
63 32.1 28.0 42.0

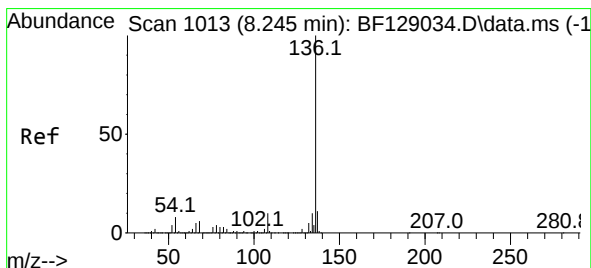
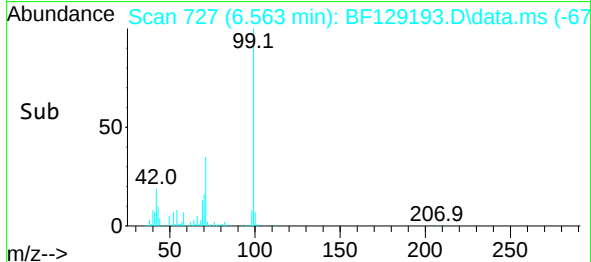
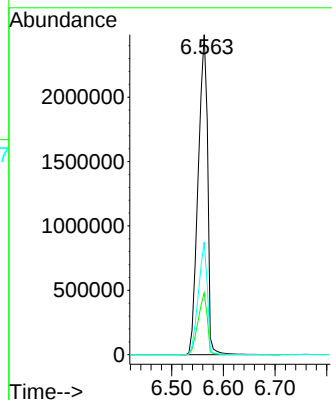
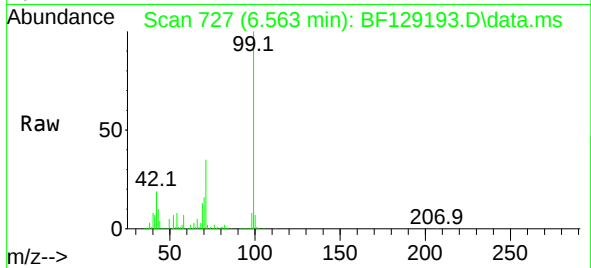




#7
Phenol-d6
Concen: 127.929 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

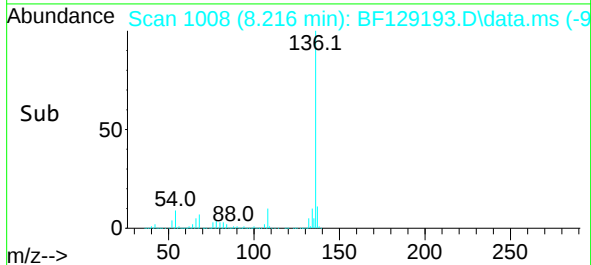
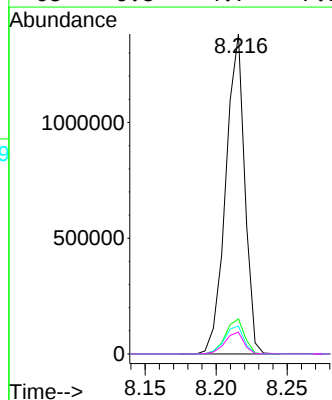
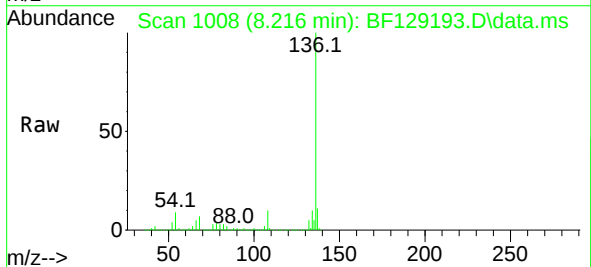
Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Tgt Ion: 99 Resp: 3151965
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion: 136 Resp: 1281609
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.7 7.5 11.3
68 6.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 110.108 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

Instrument :

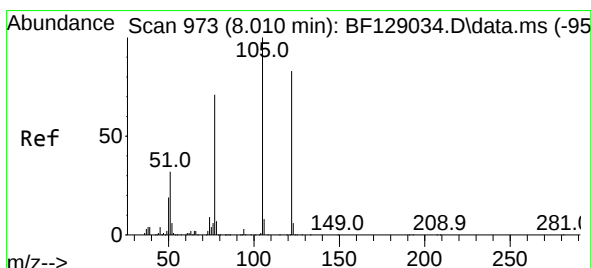
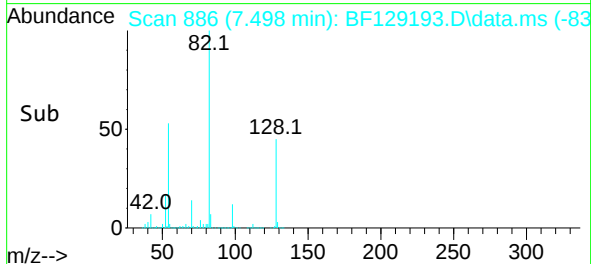
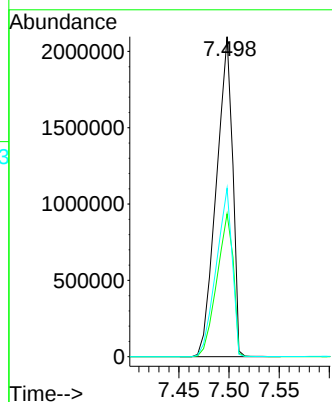
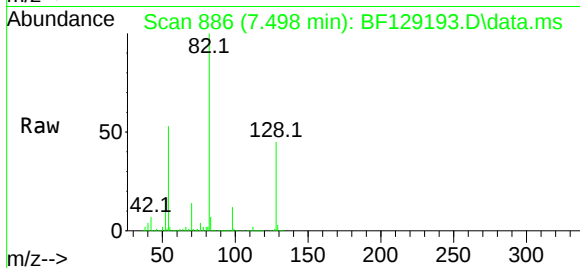
BNA_F

ClientSampleId :

CMR-TP2-0708

Tgt Ion: 82 Resp: 2365862

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	52.7	46.9	70.3



#32

Benzoic acid

Concen: 35.557 ng

RT: 8.004 min Scan# 972

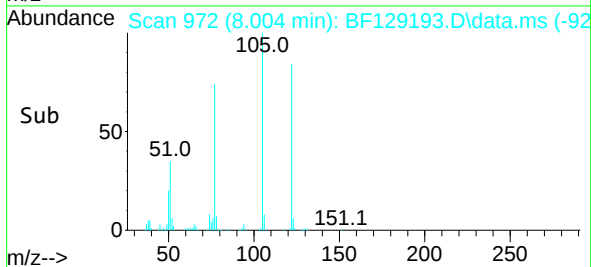
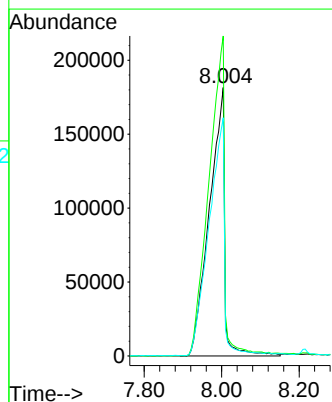
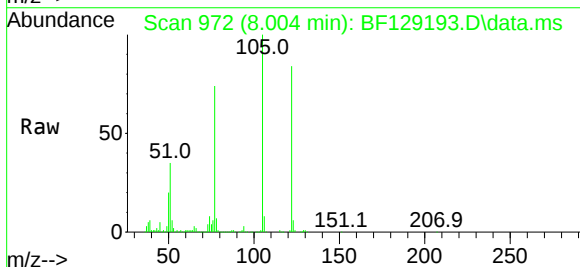
Delta R.T. 0.006 min

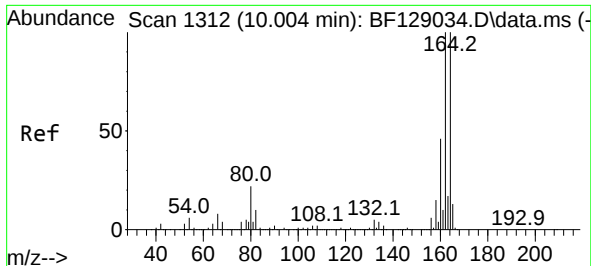
Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

Tgt Ion: 122 Resp: 497638

Ion	Ratio	Lower	Upper
122	100		
105	119.2	107.1	147.1
77	88.7	74.2	114.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.974 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

Instrument :

BNA_F

ClientSampleId :

CMR-TP2-0708

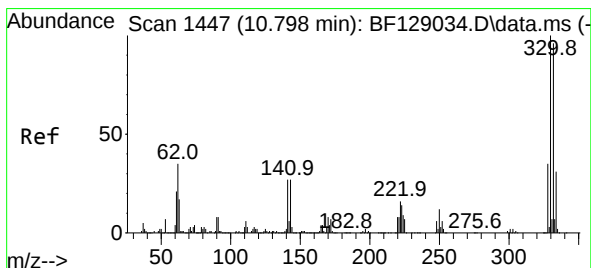
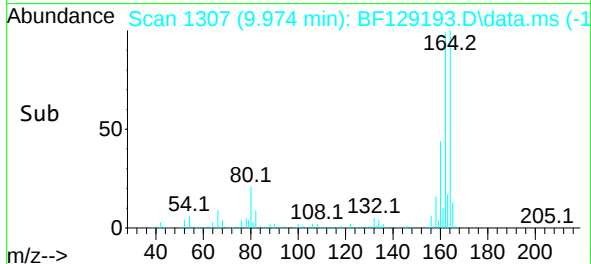
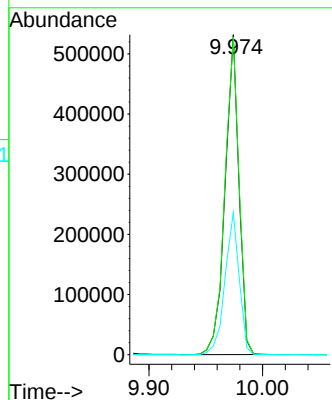
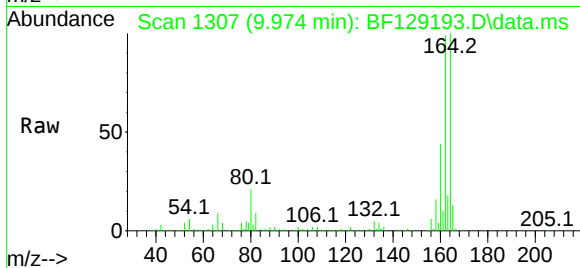
Tgt Ion:164 Resp: 453537

Ion Ratio Lower Upper

164 100

162 99.3 79.5 119.3

160 44.4 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 174.789 ng

RT: 10.768 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

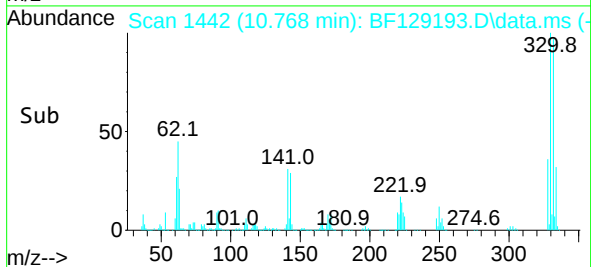
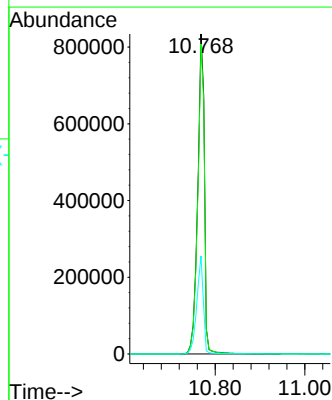
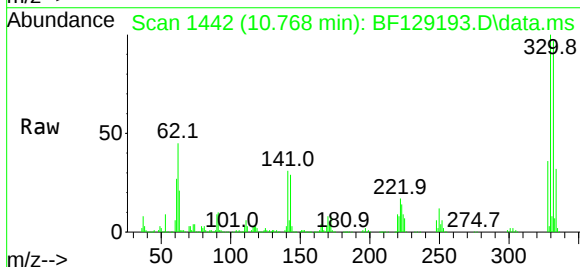
Tgt Ion:330 Resp: 861979

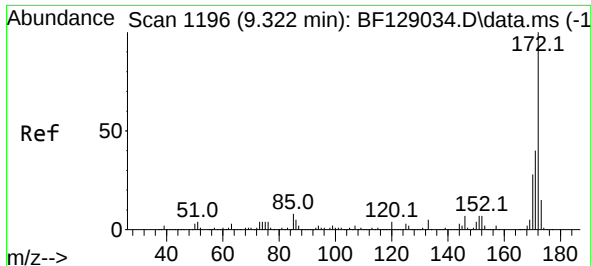
Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 30.2 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 104.712 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

Instrument :

BNA_F

ClientSampleId :

CMR-TP2-0708

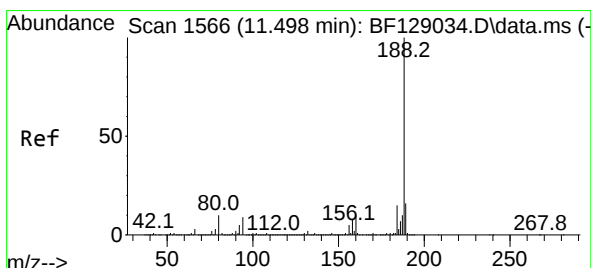
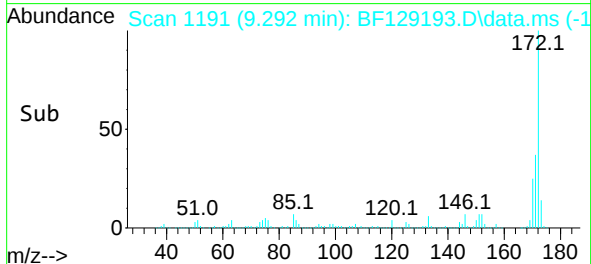
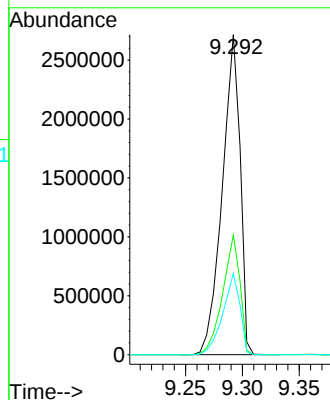
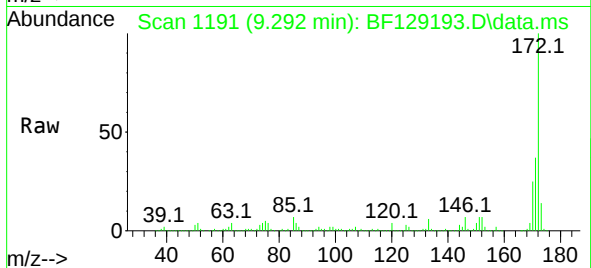
Tgt Ion:172 Resp: 2968563

Ion Ratio Lower Upper

172 100

171 37.4 28.8 43.2

170 25.3 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.468 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BF129193.D

Acq: 12 Jul 2022 17:13

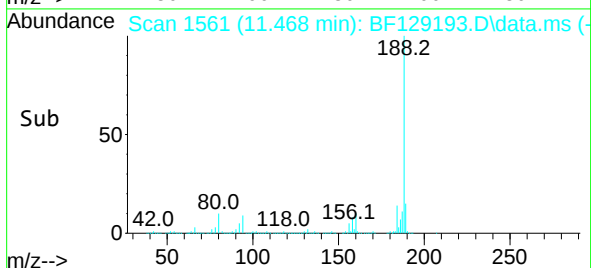
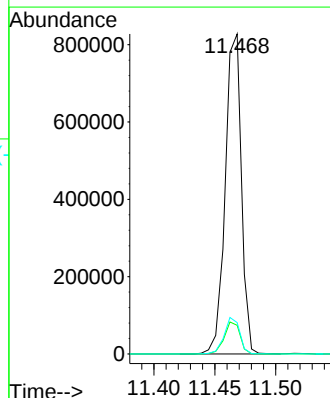
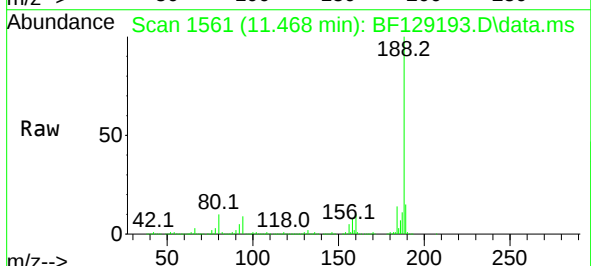
Tgt Ion:188 Resp: 763645

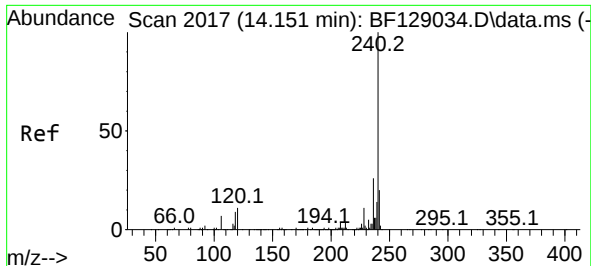
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.8 7.6 11.4

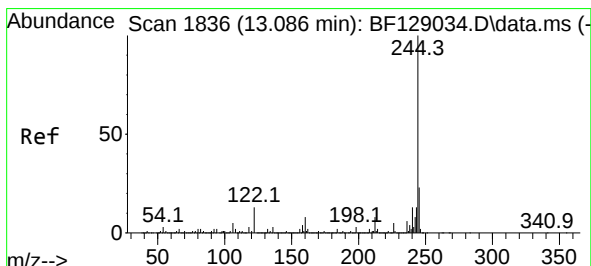
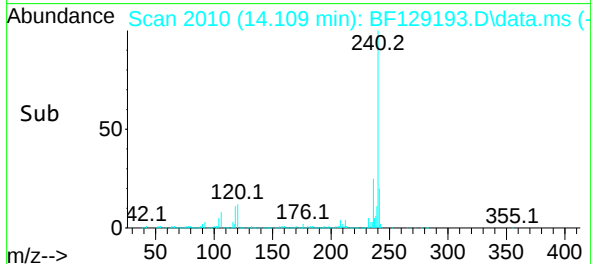
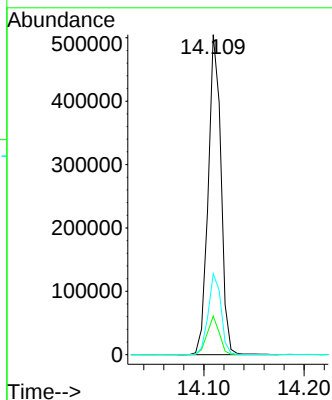
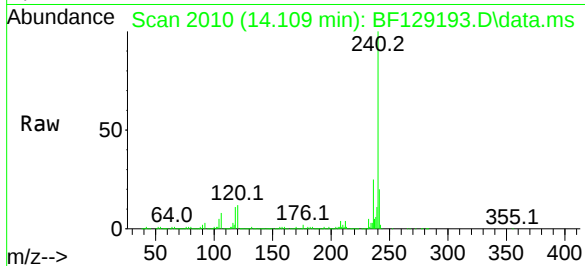




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

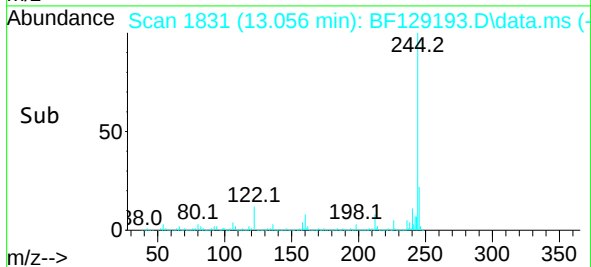
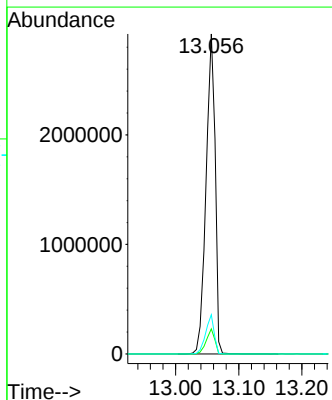
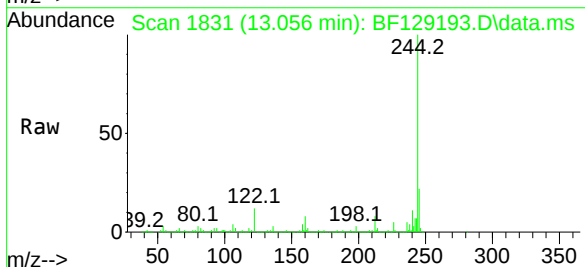
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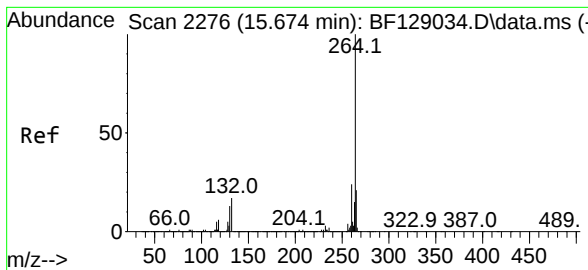
Tgt Ion:240 Resp: 446996
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 136.699 ng
RT: 13.056 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF129193.D
Acq: 12 Jul 2022 17:13

Tgt Ion:244 Resp: 2942465
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 12.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129193.D
 Acq: 12 Jul 2022 17:13

Instrument :
 BNA_F
 ClientSampleId :
 CMR-TP2-0708

Tgt Ion:264 Resp: 420881
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.6 17.2 25.8

