

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129160.D
 Acq On : 07 Jul 2022 15:47
 Operator : CG\JU
 Sample : N3597-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220509-COMPOSITE-D

Quant Time: Jul 07 16:58:59 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	6.951	152	288009	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	1118310	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	597499	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1121539	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	893762	20.000	ng	-0.01
86) Perylene-d12	15.662	264	666067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1687677	99.068	ng	-0.01
7) Phenol-d6	6.569	99	2114359	99.934	ng	-0.02
23) Nitrobenzene-d5	7.510	82	1260531	67.232	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	689104	106.066	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2245709	60.128	ng	-0.01
79) Terphenyl-d14	13.080	244	2496775	58.012	ng	0.00

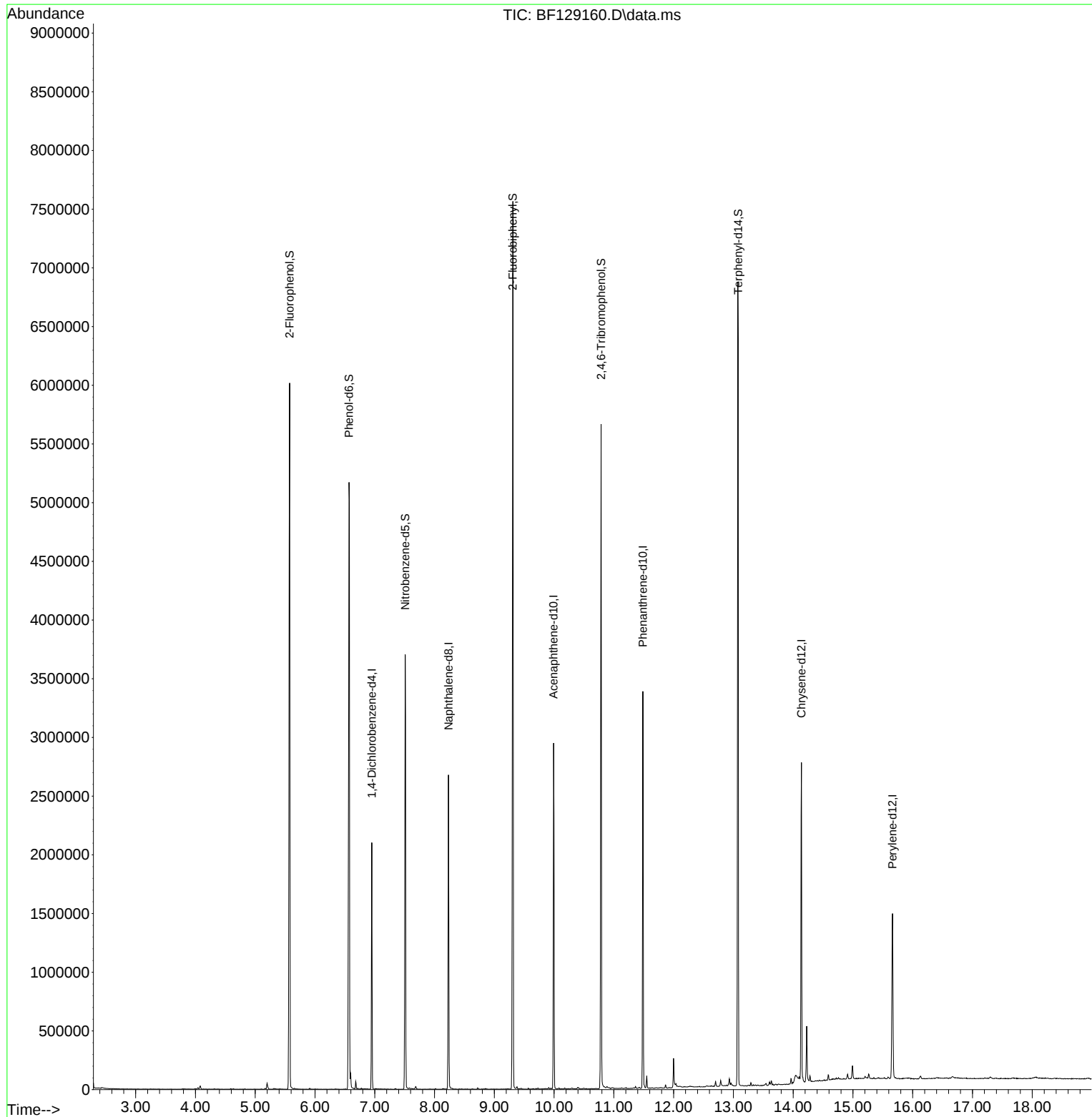
Target Compounds	Qvalue

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

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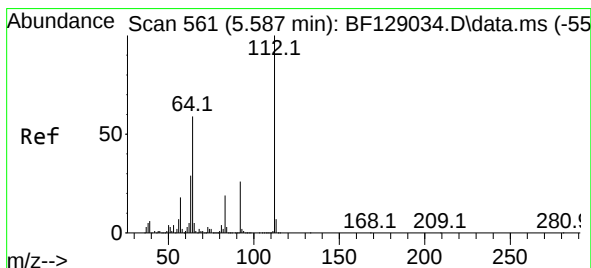
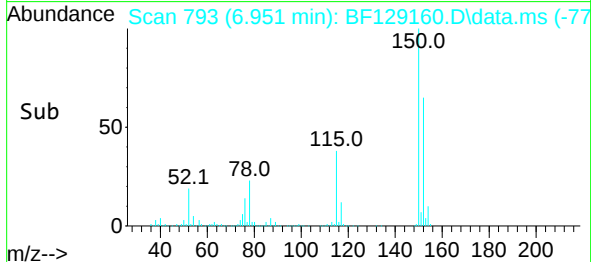
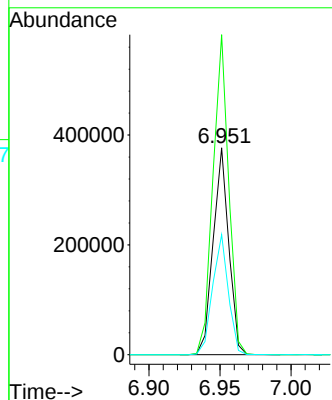
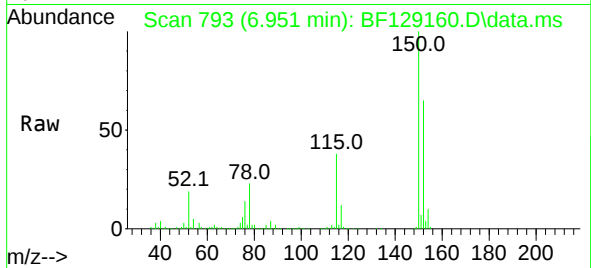




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

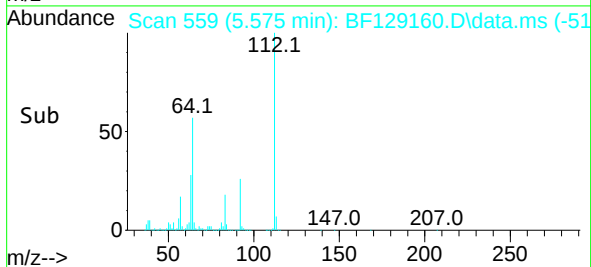
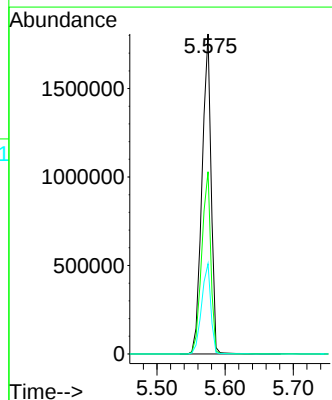
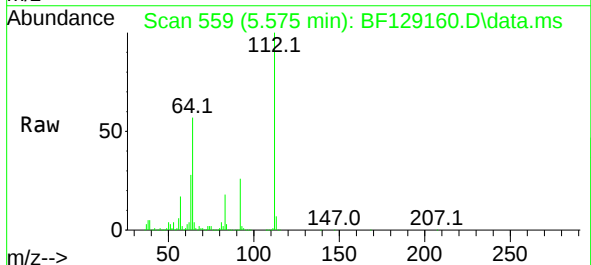
Instrument :
BNA_F
ClientSampleId :
20220509-COMPOSITE-D

Tgt Ion:152 Resp: 288009
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 99.068 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion:112 Resp: 1687677
Ion Ratio Lower Upper
112 100
64 56.9 53.3 79.9
63 28.2 28.0 42.0

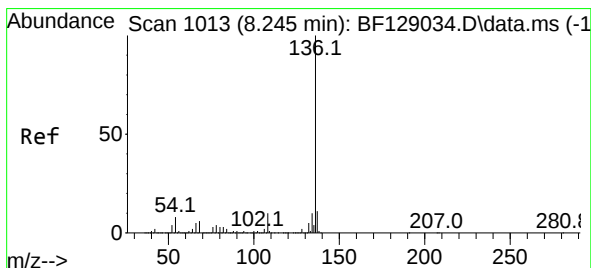
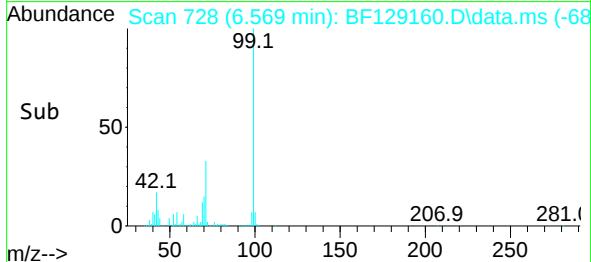
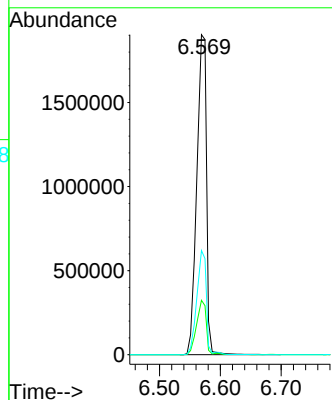
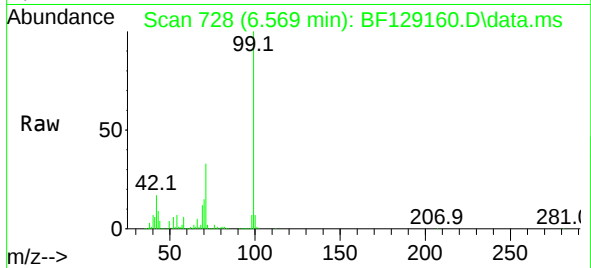




#7
Phenol-d6
Concen: 99.934 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

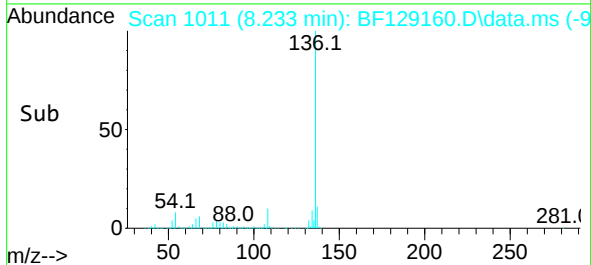
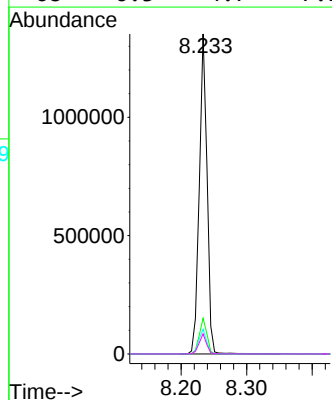
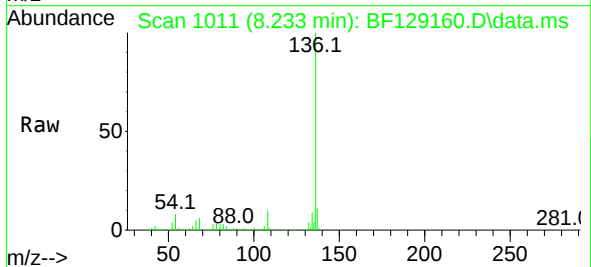
Instrument :
BNA_F
ClientSampleId :
20220509-COMPOSITE-D

Tgt Ion: 99 Resp: 2114359
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 32.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion: 136 Resp: 1118310
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 7.5 11.3
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 67.232 ng

RT: 7.510 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

Instrument :

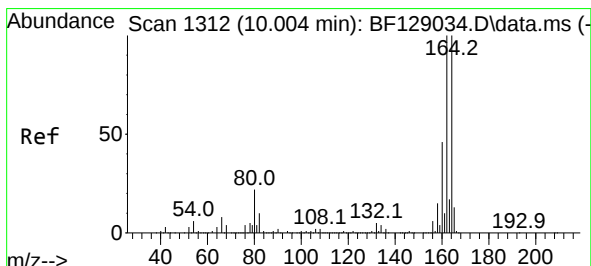
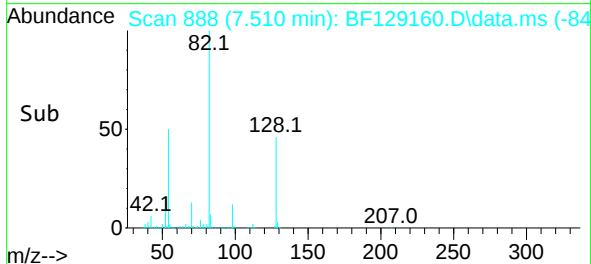
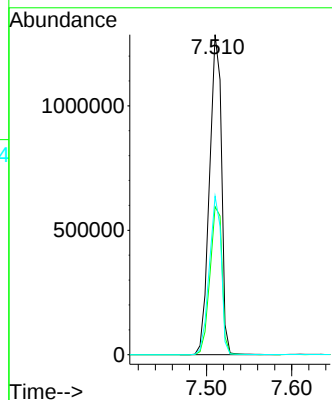
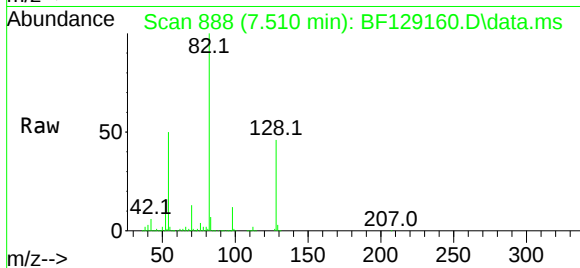
BNA_F

ClientSampleId :

20220509-COMPOSITE-D

Tgt Ion: 82 Resp: 1260531

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	49.5	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1310

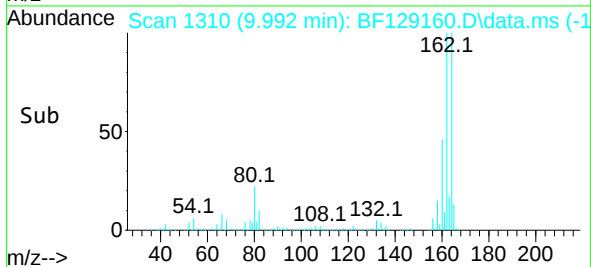
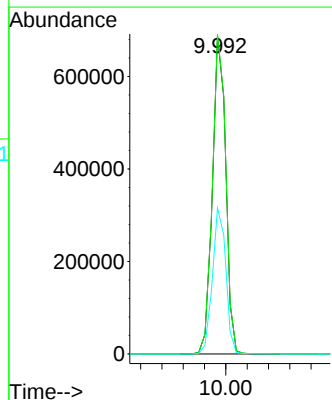
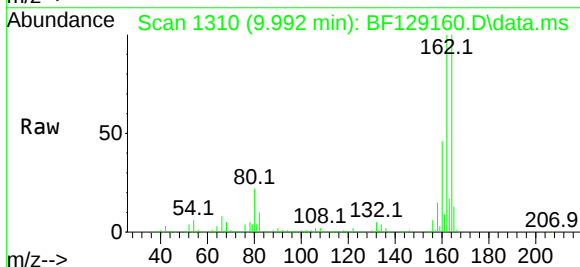
Delta R.T. -0.012 min

Lab File: BF129160.D

Acq: 07 Jul 2022 15:47

Tgt Ion: 164 Resp: 597499

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.5	119.3
160	45.8	34.2	51.4

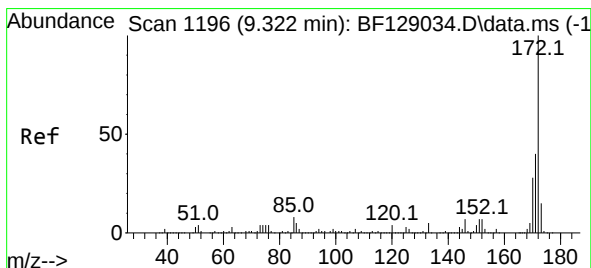
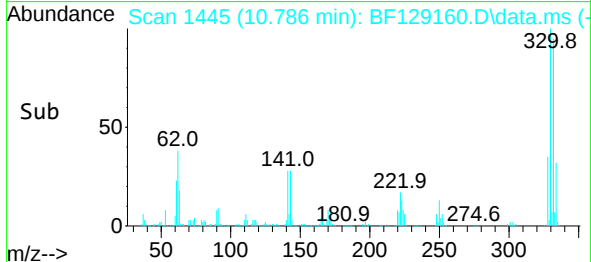
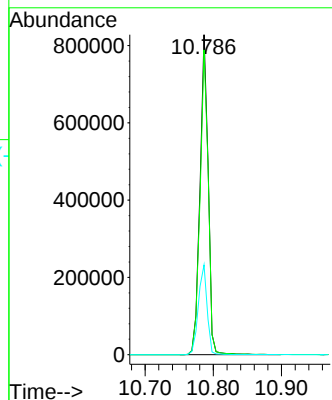
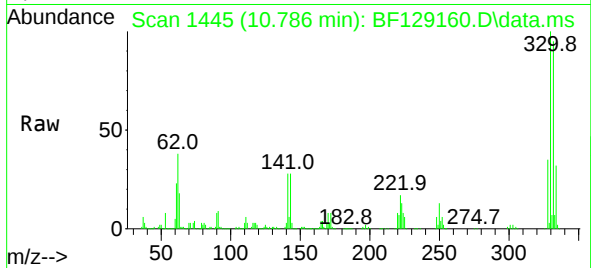




#42
2,4,6-Tribromophenol
Concen: 106.066 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

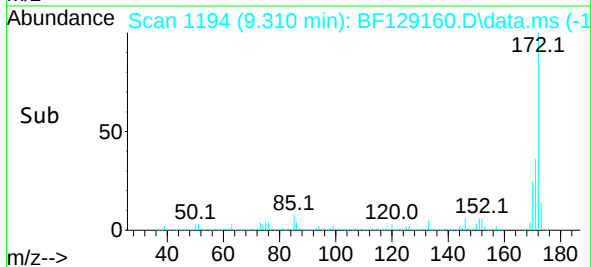
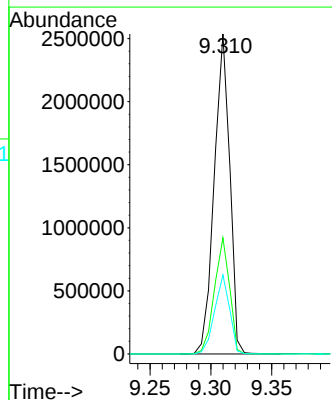
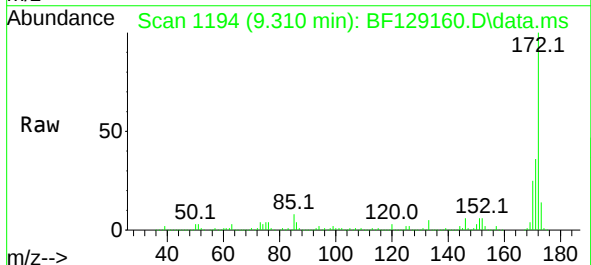
Instrument :
BNA_F
ClientSampleId :
20220509-COMPOSITE-D

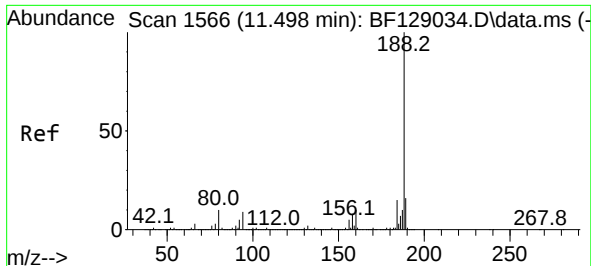
Tgt Ion:330 Resp: 689104
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 29.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 60.128 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion:172 Resp: 2245709
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.7 19.8 29.8

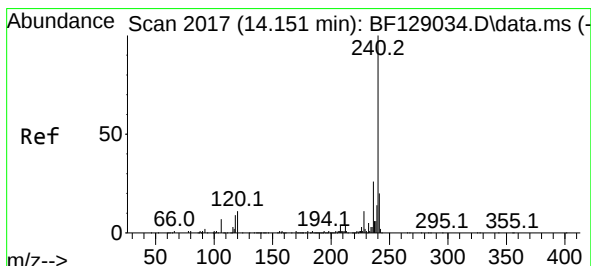
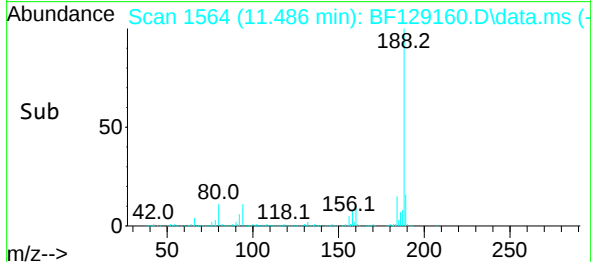
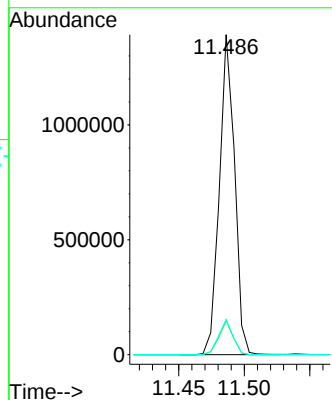
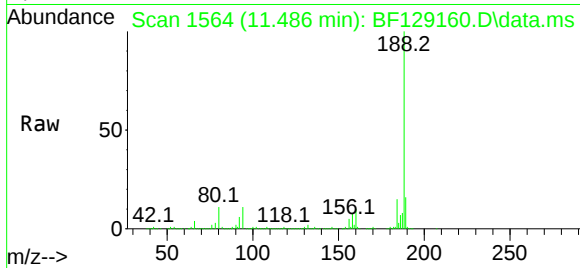




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

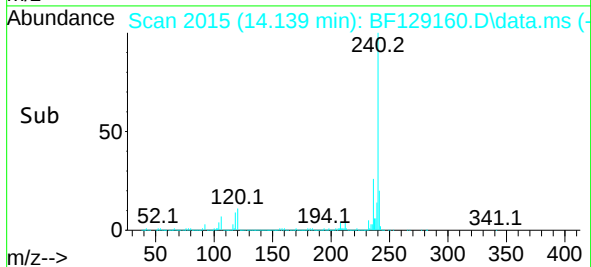
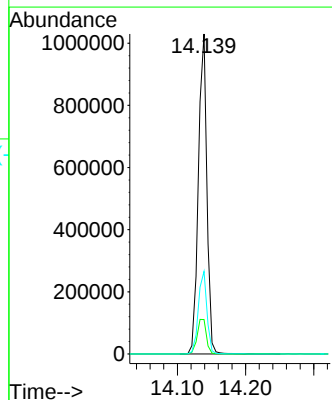
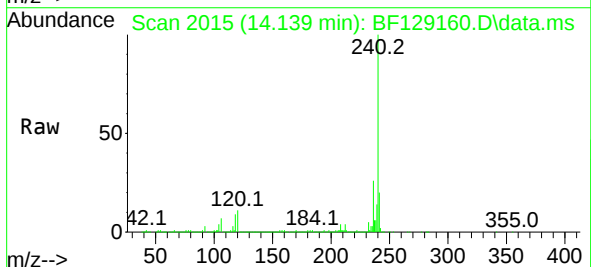
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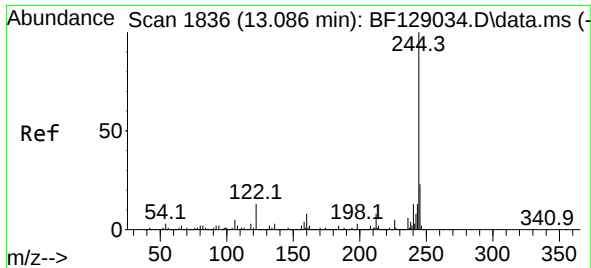
Tgt Ion:188 Resp: 1121539
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129160.D
Acq: 07 Jul 2022 15:47

Tgt Ion:240 Resp: 893762
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.8 20.8 31.2

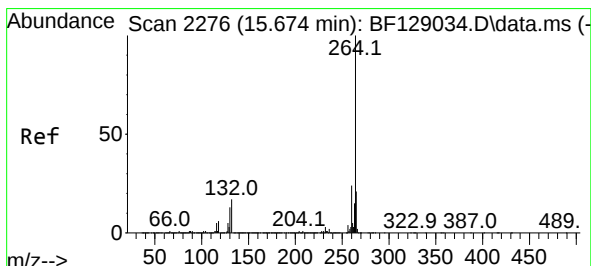
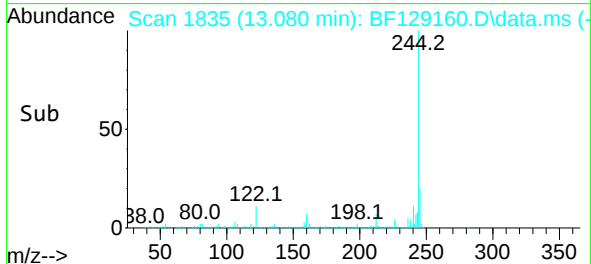
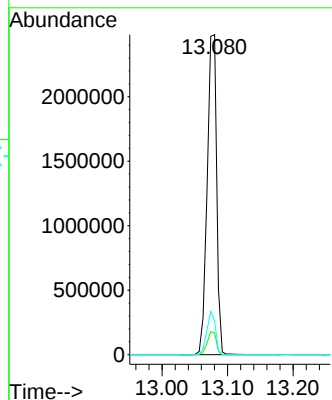
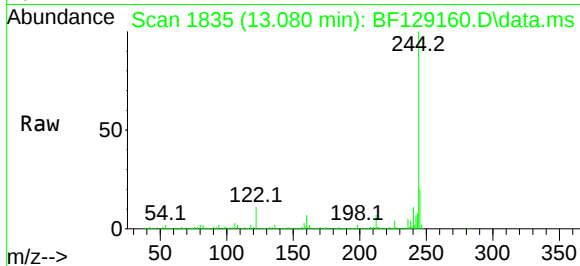




#79
 Terphenyl-d14
 Concen: 58.012 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129160.D
 Acq: 07 Jul 2022 15:47

Instrument :
 BNA_F
 ClientSampleId :
 20220509-COMPOSITE-D

Tgt Ion:244 Resp: 2496775
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.6 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: BF129160.D
 Acq: 07 Jul 2022 15:47

Tgt Ion:264 Resp: 666067
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.6 17.2 25.8

