

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133109.D
 Acq On : 27 Apr 2023 19:57
 Operator : CG\JU
 Sample : 02502-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01

Quant Time: Apr 28 02:12:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	202583	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	817882	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	431123	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	730014	20.000	ng	0.00
76) Chrysene-d12	13.880	240	411470	20.000	ng	-0.02
86) Perylene-d12	15.304	264	394051	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1289939	96.187	ng	0.00
7) Phenol-d6	6.375	99	1631950	98.042	ng	0.00
23) Nitrobenzene-d5	7.298	82	974494	64.313	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	420532	96.991	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1721515	66.804	ng	0.00
79) Terphenyl-d14	12.839	244	1654878	69.364	ng	0.00

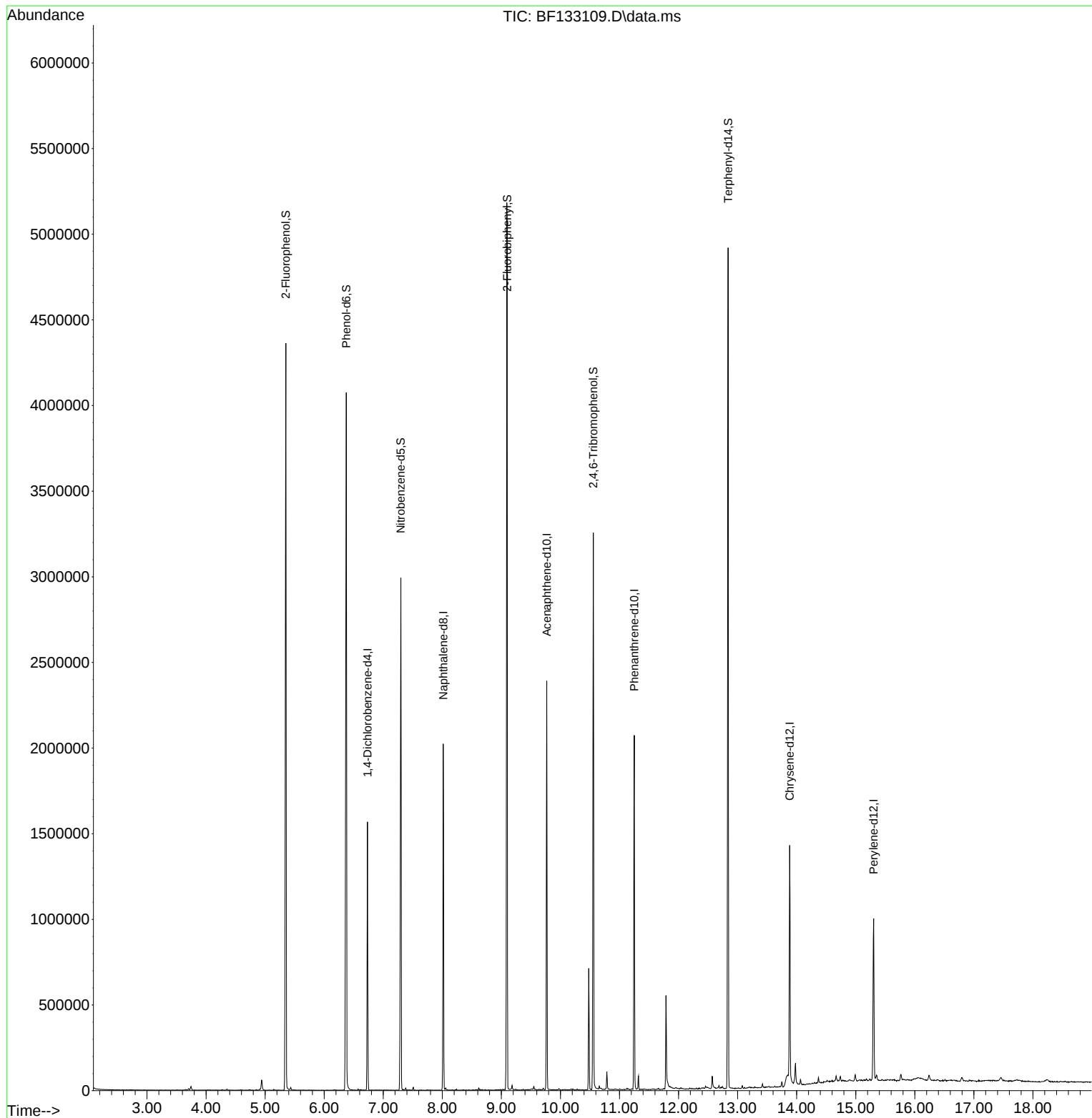
Target Compounds	Qvalue

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

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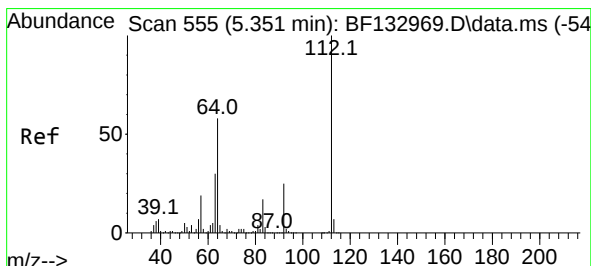
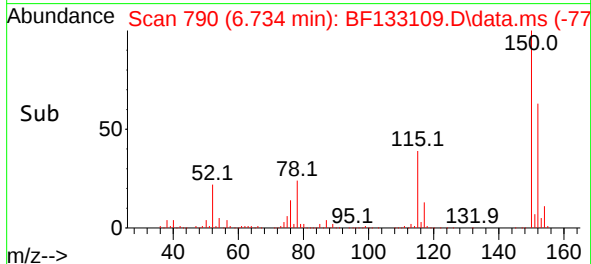
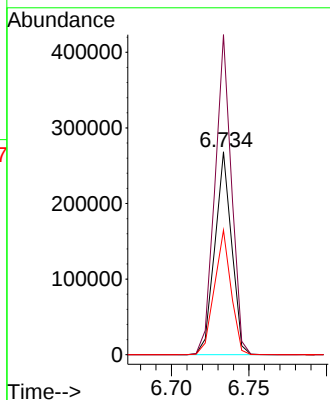
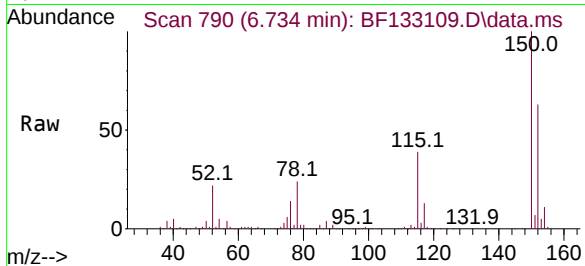




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

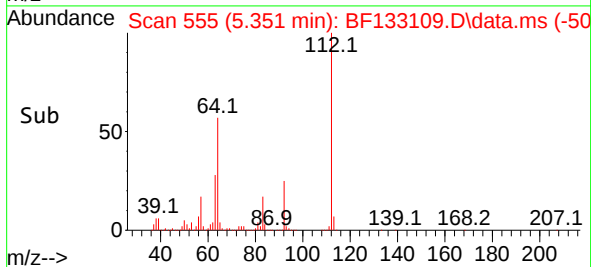
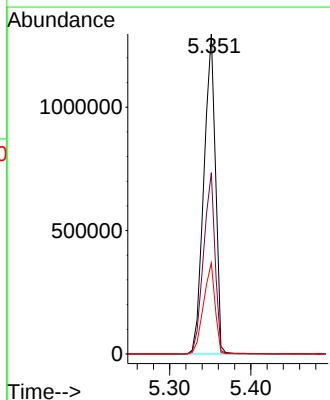
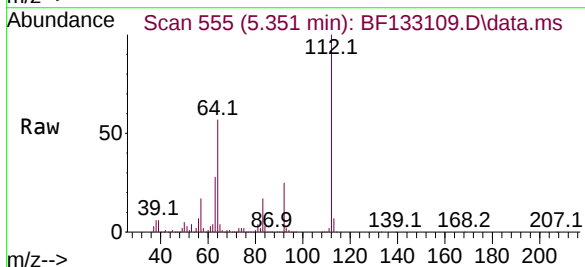
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01

Tgt Ion:152 Resp: 202583
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.8 187.2
 115 61.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 96.187 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

Tgt Ion:112 Resp: 1289939
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.8 70.2
 63 28.5 23.8 35.8

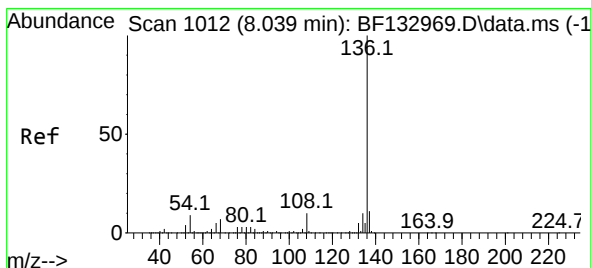
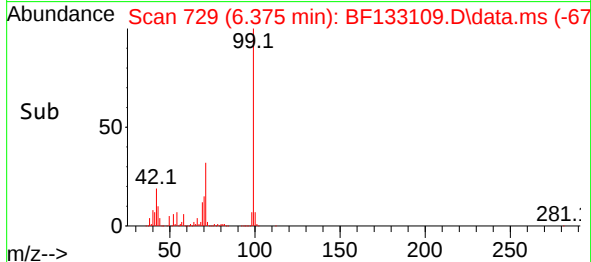
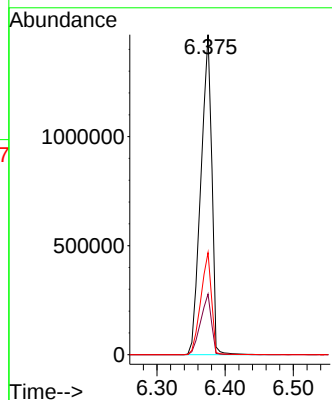
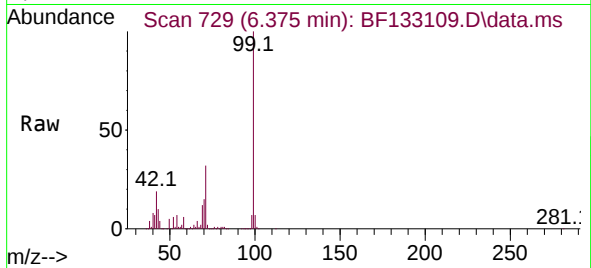




#7
Phenol-d6
Concen: 98.042 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

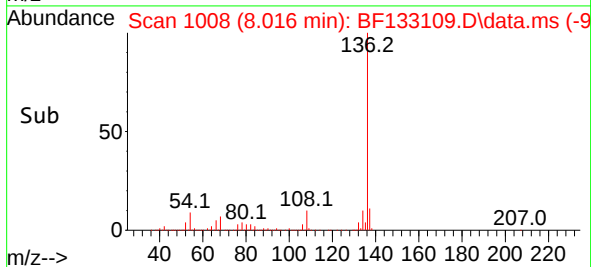
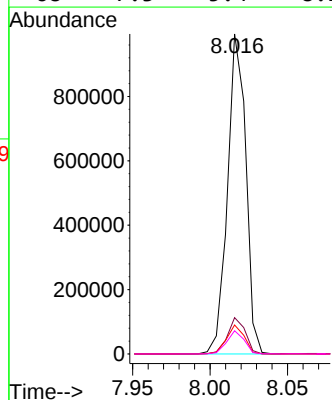
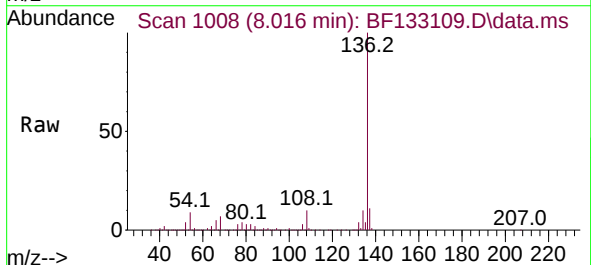
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

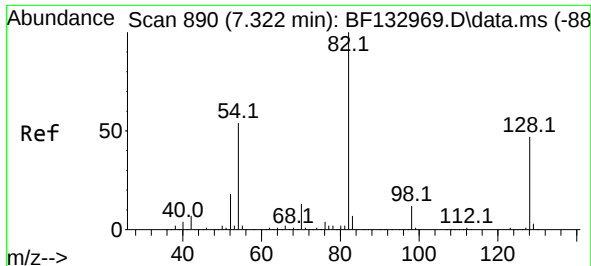
Tgt Ion: 99 Resp: 1631950
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion: 136 Resp: 817882
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 64.313 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133109.D

Acq: 27 Apr 2023 19:57

Instrument :

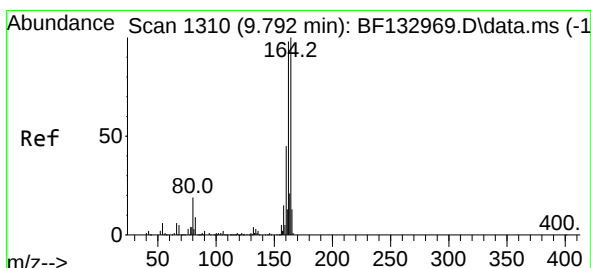
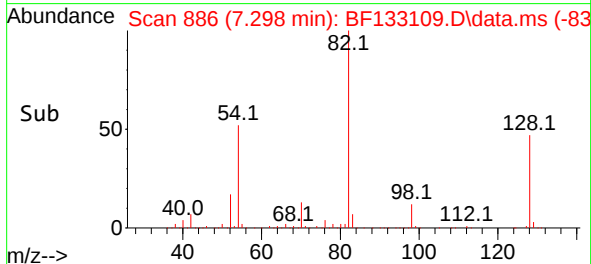
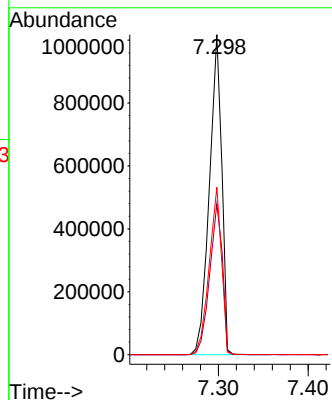
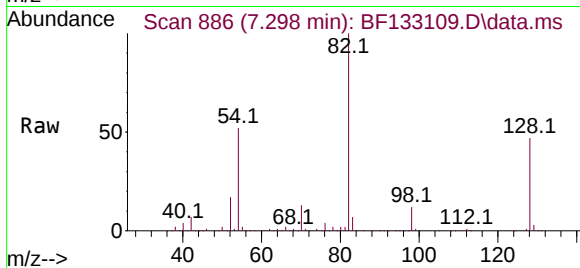
BNA_F

ClientSampleId :

BU-511-COMP-01

Tgt Ion: 82 Resp: 974494

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	52.3	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

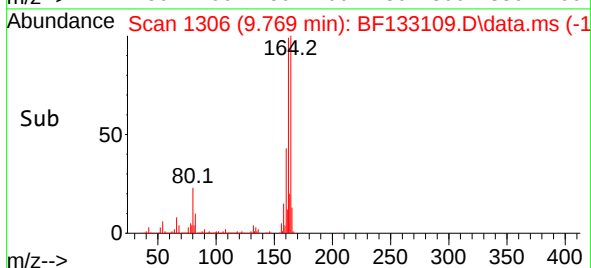
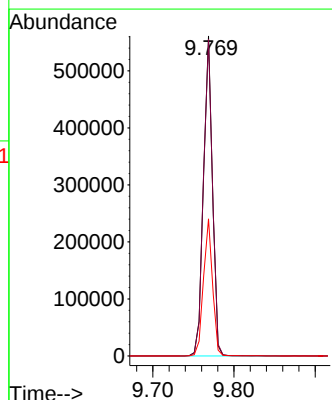
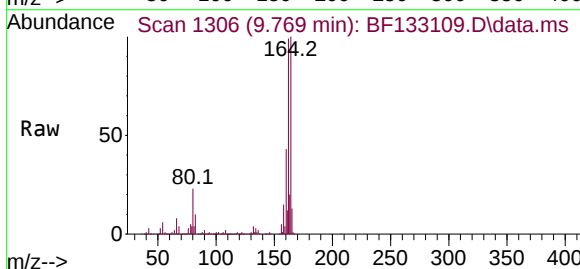
Delta R.T. -0.006 min

Lab File: BF133109.D

Acq: 27 Apr 2023 19:57

Tgt Ion:164 Resp: 431123

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.7	118.1
160	42.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 96.991 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133109.D

Acq: 27 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01

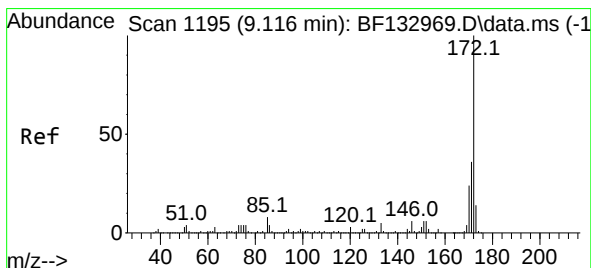
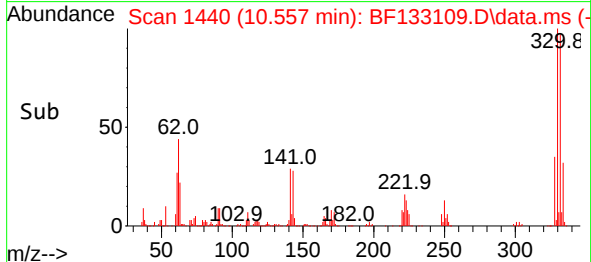
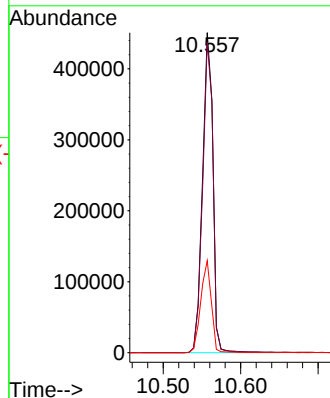
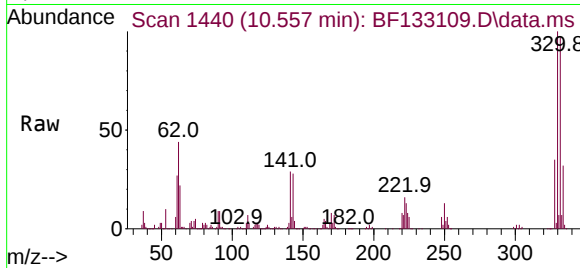
Tgt Ion:330 Resp: 420532

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 29.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 66.804 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133109.D

Acq: 27 Apr 2023 19:57

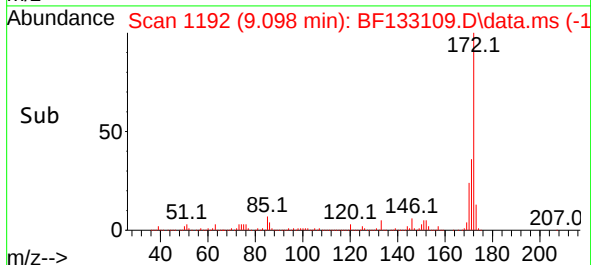
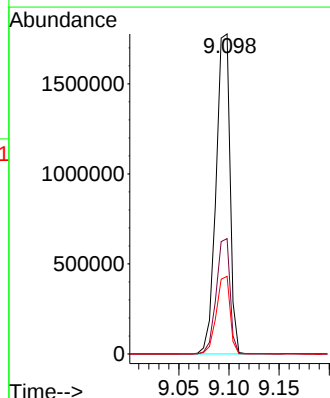
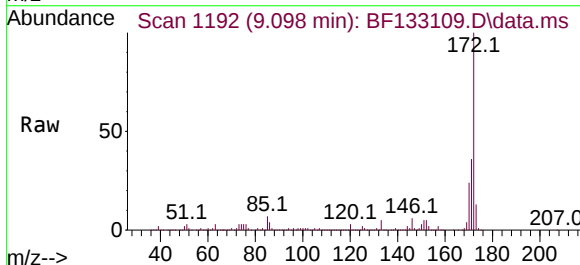
Tgt Ion:172 Resp: 1721515

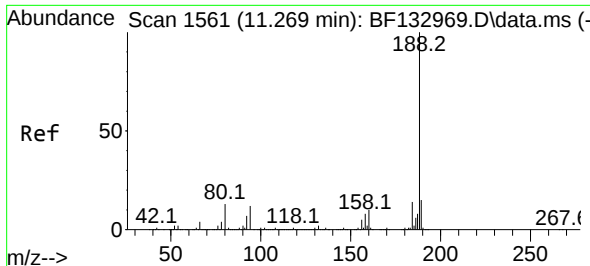
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.2 19.4 29.2

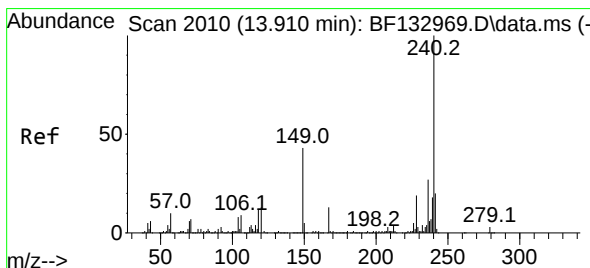
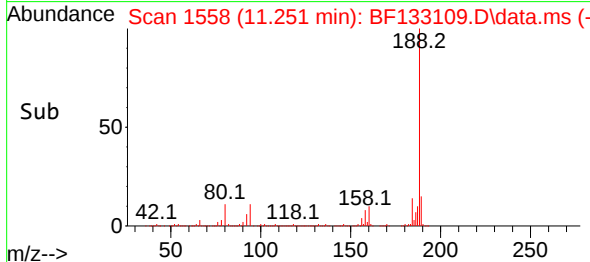
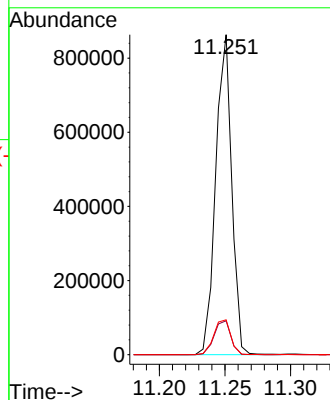
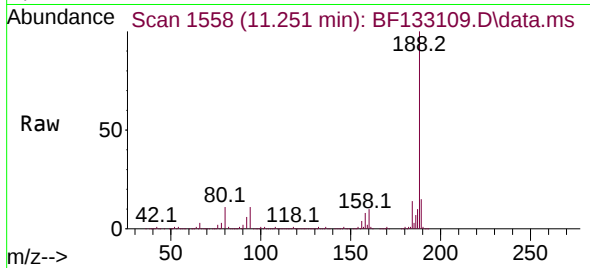




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

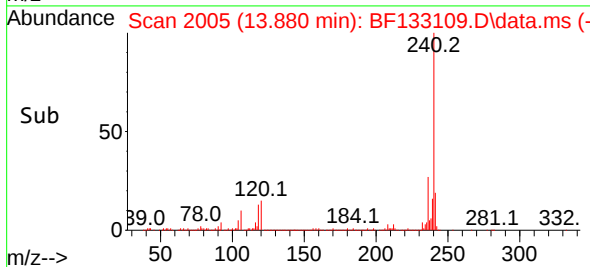
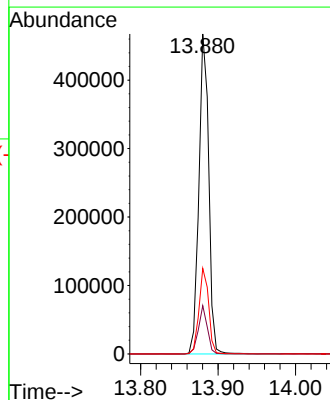
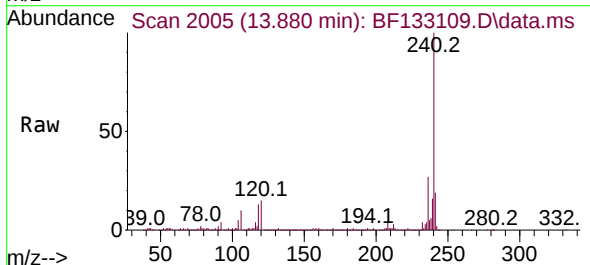
Instrument :
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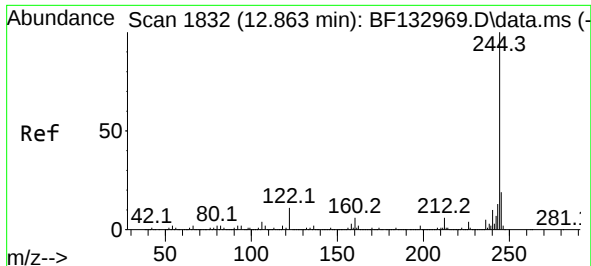
Tgt Ion:188 Resp: 730014
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 10.9 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion:240 Resp: 411470
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 26.7 21.5 32.3

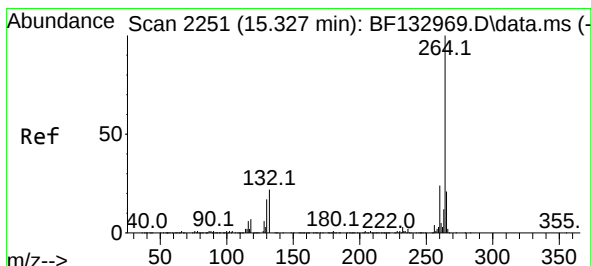
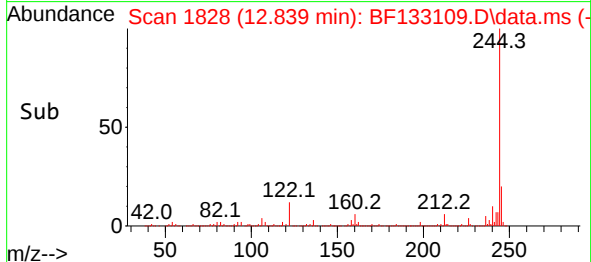
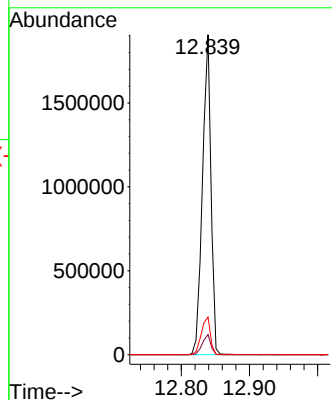
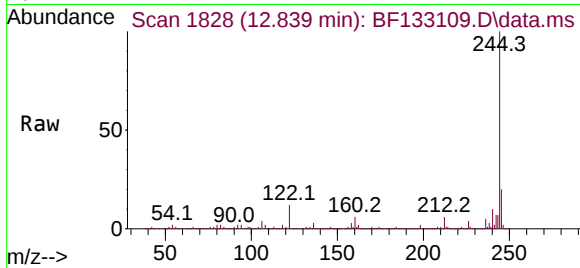




#79
 Terphenyl-d14
 Concen: 69.364 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01

Tgt Ion:244 Resp: 1654878
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.012 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

Tgt Ion:264 Resp: 394051
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.5 17.0 25.4

