

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133067.D
 Acq On : 26 Apr 2023 16:25
 Operator : CG\JU
 Sample : PB152384BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152384BL

Quant Time: Apr 27 01:57:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	214683	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	903214	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	475009	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	883437	20.000	ng	0.00
76) Chrysene-d12	13.886	240	685070	20.000	ng	0.00
86) Perylene-d12	15.304	264	616026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1724707	121.358	ng	0.02
7) Phenol-d6	6.381	99	2074522	117.606	ng	0.00
23) Nitrobenzene-d5	7.304	82	1256981	75.118	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	564168	118.098	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2130025	75.020	ng	0.00
79) Terphenyl-d14	12.845	244	2694903	67.844	ng	0.00

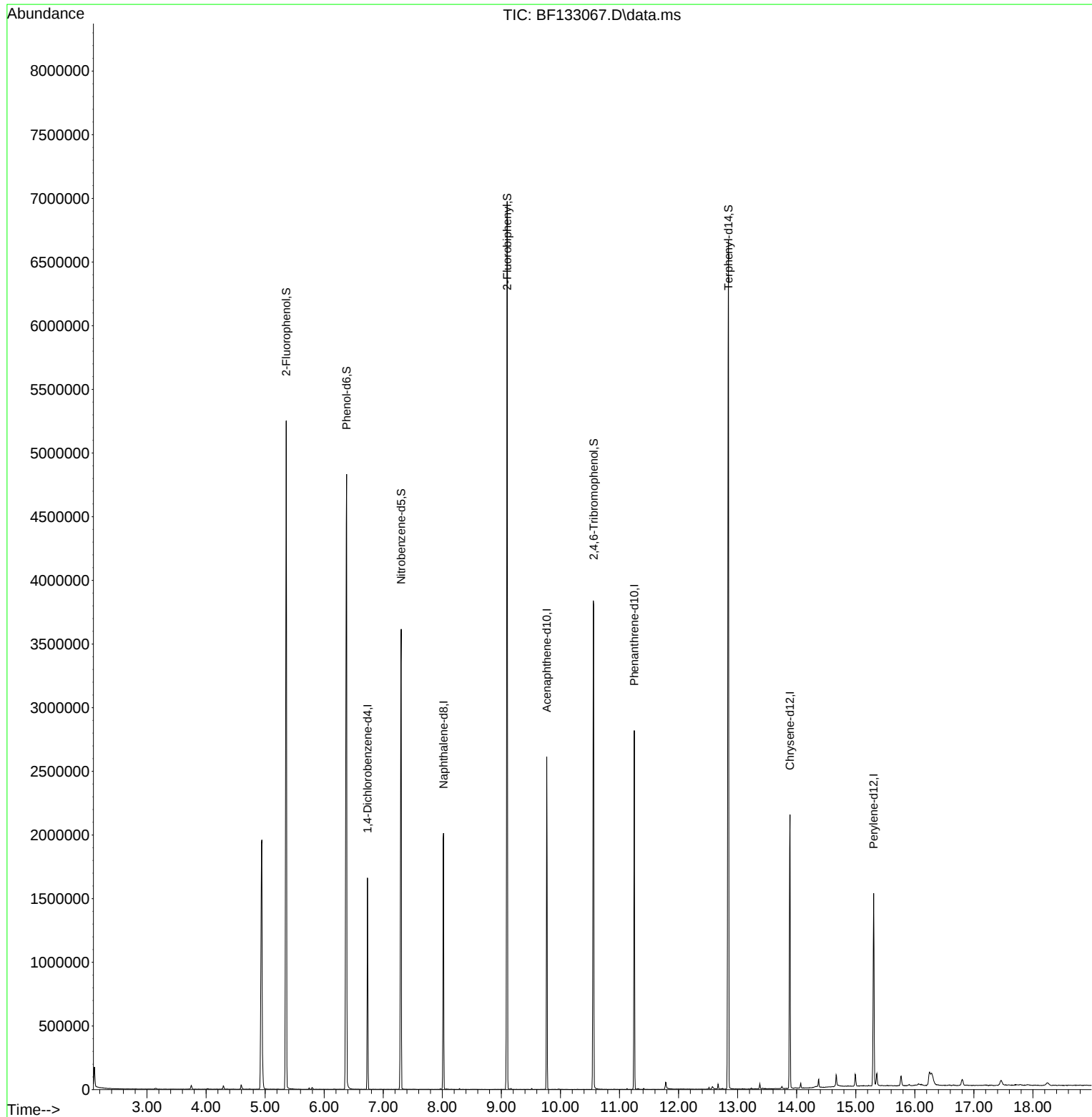
Target Compounds	Qvalue

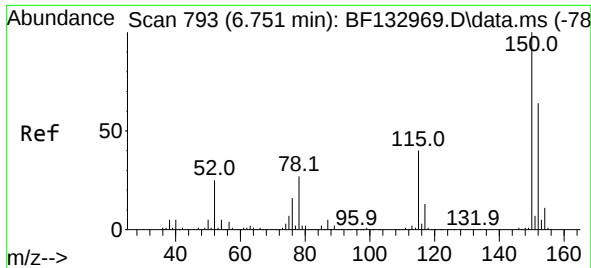
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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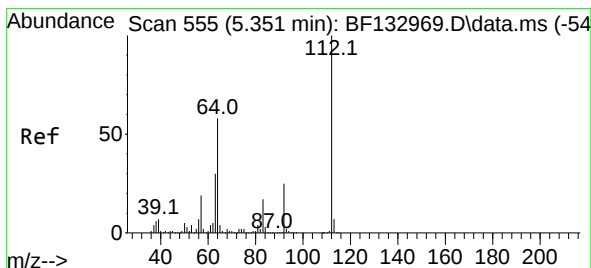
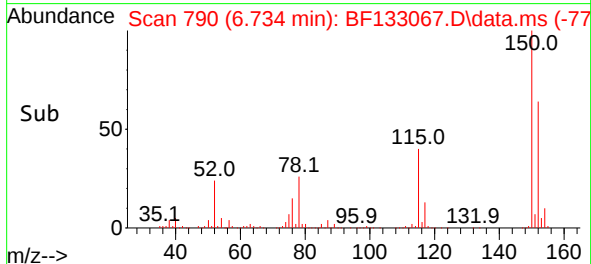
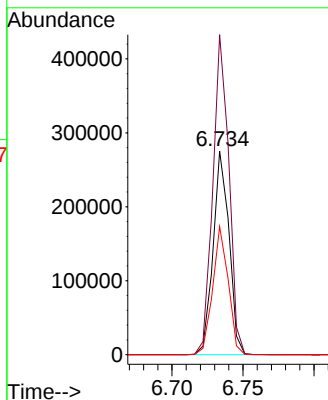
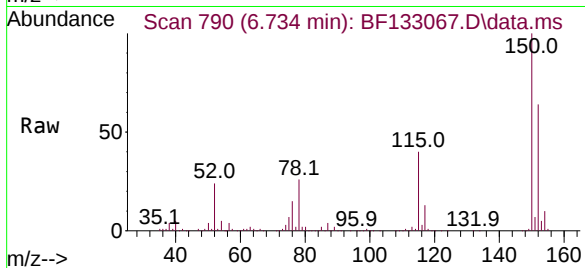




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133067.D
 Acq: 26 Apr 2023 16:25

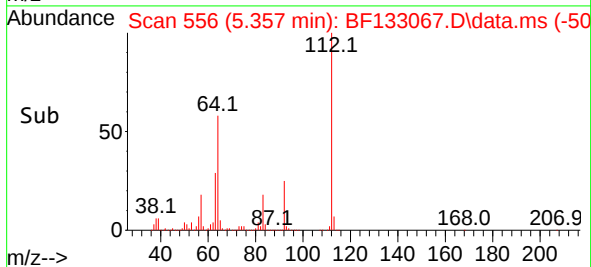
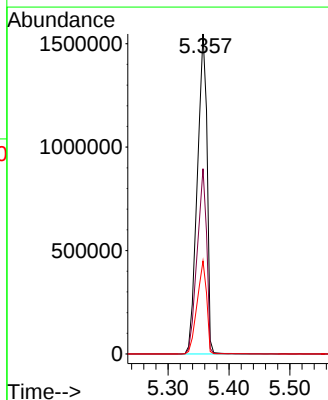
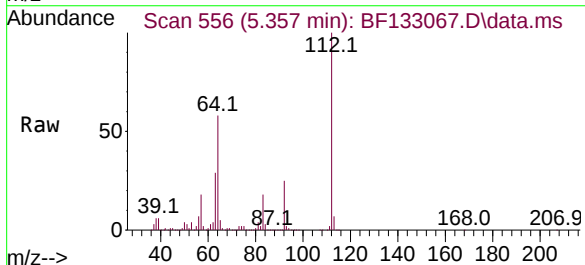
Instrument :
 BNA_F
 ClientSampleId :
 PB152384BL

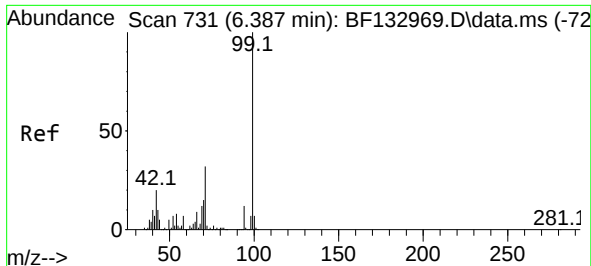
Tgt Ion:152 Resp: 214683
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.358 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.018 min
 Lab File: BF133067.D
 Acq: 26 Apr 2023 16:25

Tgt Ion:112 Resp: 1724707
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.8 70.2
 63 29.1 23.8 35.8





#7

Phenol-d6

Concen: 117.606 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Instrument :

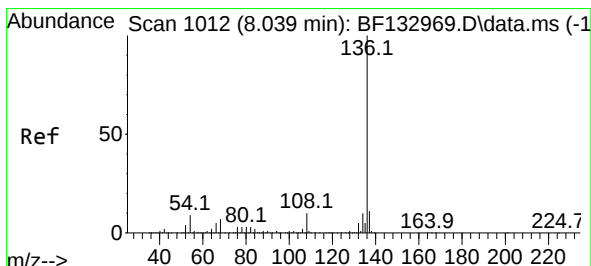
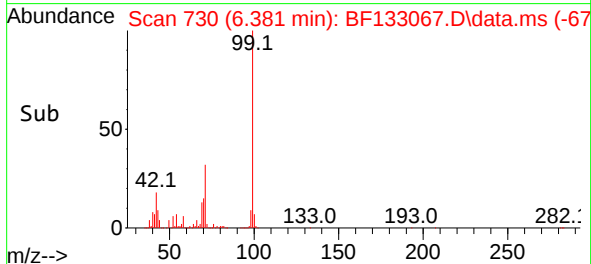
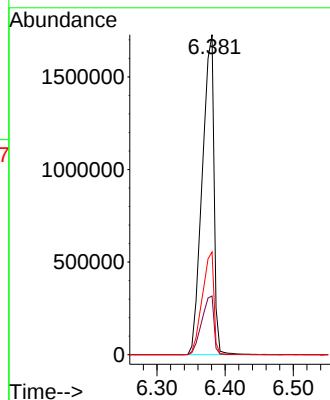
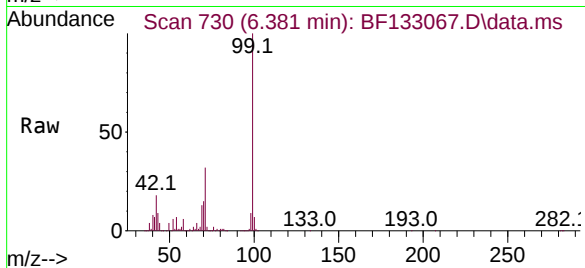
BNA_F

ClientSampleId :

PB152384BL

Tgt Ion: 99 Resp: 2074522

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	32.1	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1009

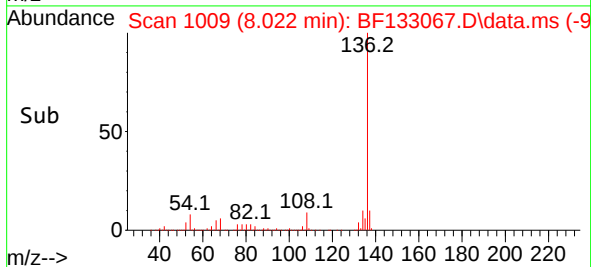
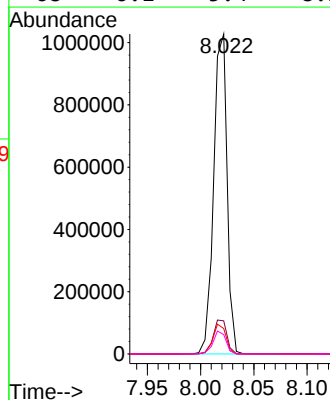
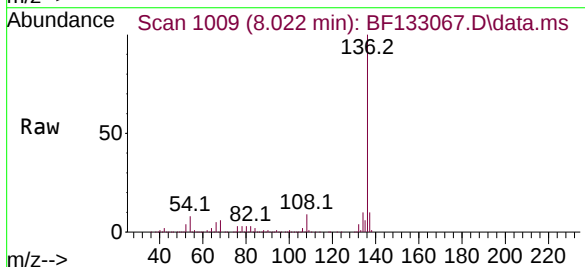
Delta R.T. 0.000 min

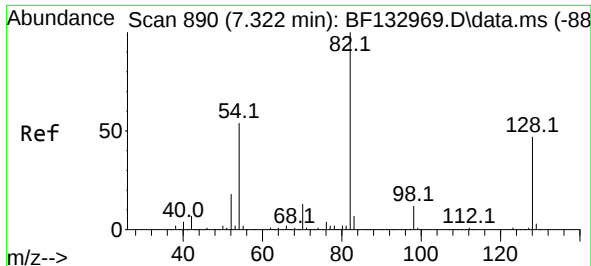
Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Tgt Ion: 136 Resp: 903214

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.9	7.0	10.4
68	6.1	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.118 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Instrument :

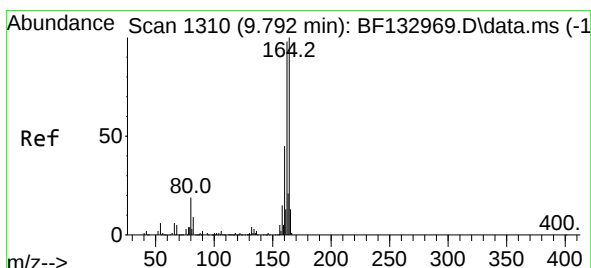
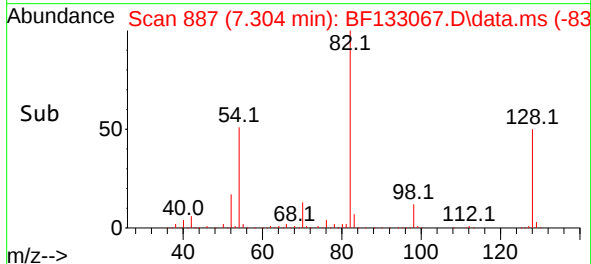
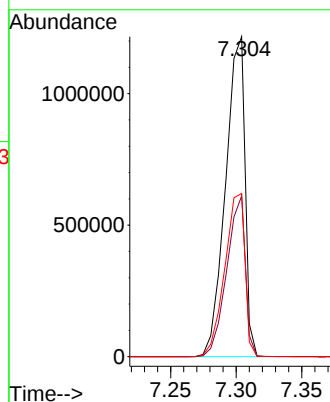
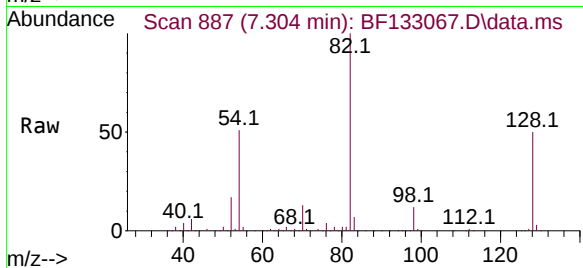
BNA_F

ClientSampleId :

PB152384BL

Tgt Ion: 82 Resp: 1256981

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	51.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

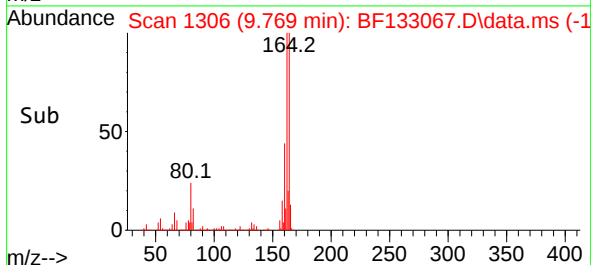
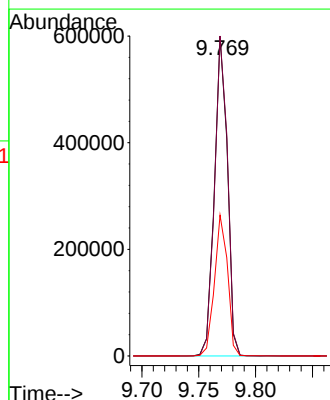
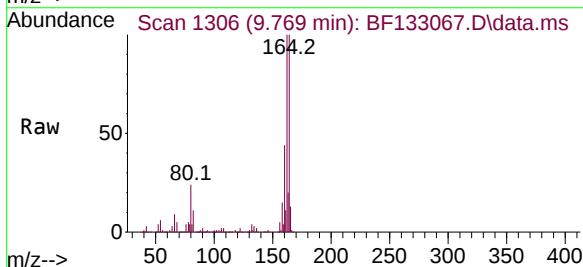
Delta R.T. -0.006 min

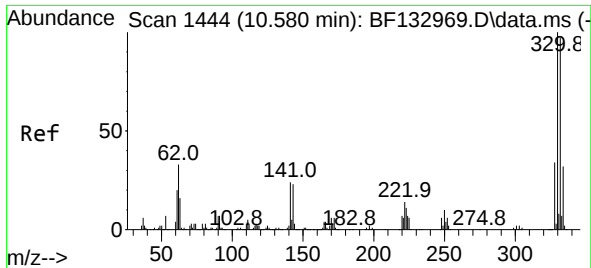
Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Tgt Ion: 164 Resp: 475009

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	44.0	35.8	53.6

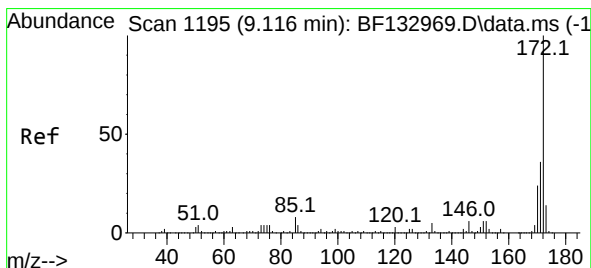
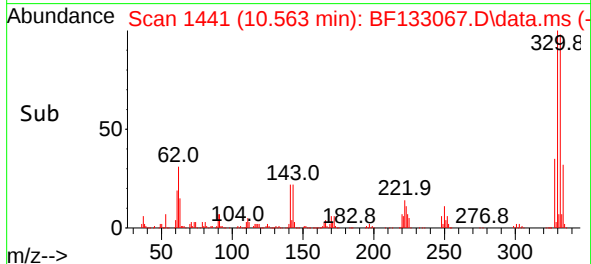
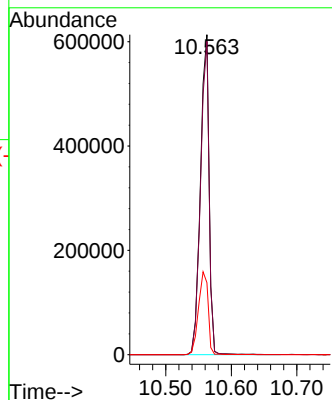
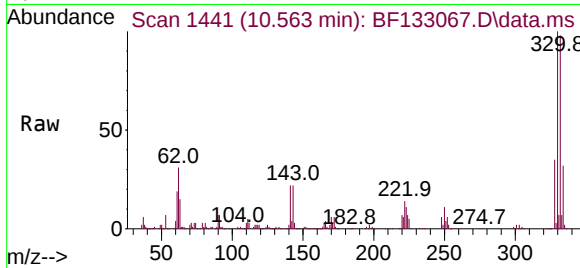




#42
2,4,6-Tribromophenol
Concen: 118.098 ng
RT: 10.563 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133067.D
Acq: 26 Apr 2023 16:25

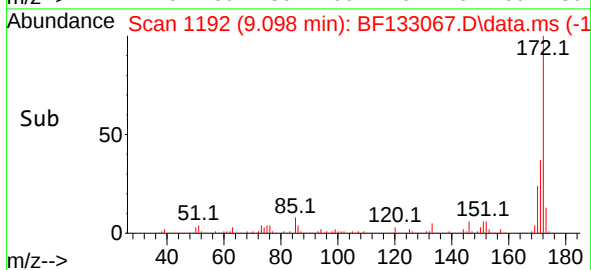
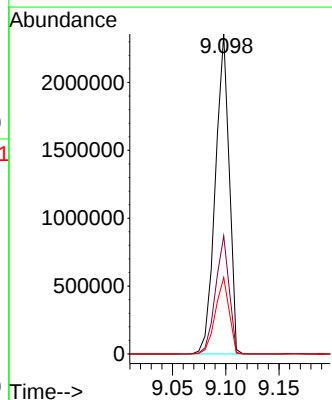
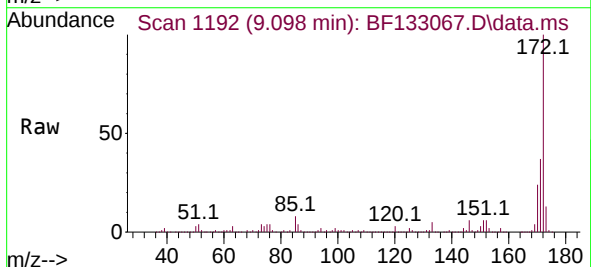
Instrument :
BNA_F
ClientSampleId :
PB152384BL

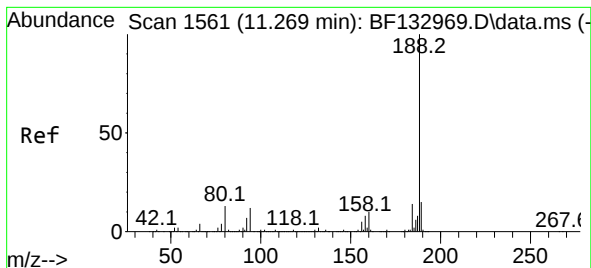
Tgt Ion:330 Resp: 564168
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.020 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133067.D
Acq: 26 Apr 2023 16:25

Tgt Ion:172 Resp: 2130025
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Instrument :

BNA_F

ClientSampleId :

PB152384BL

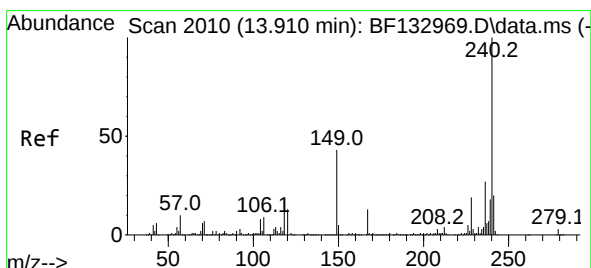
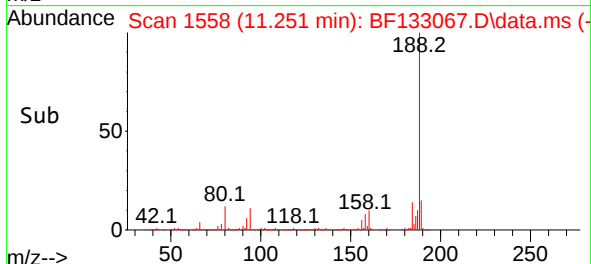
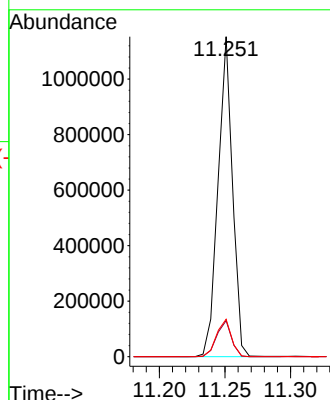
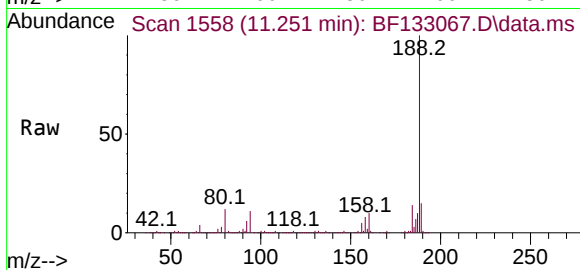
Tgt Ion:188 Resp: 883437

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.7 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

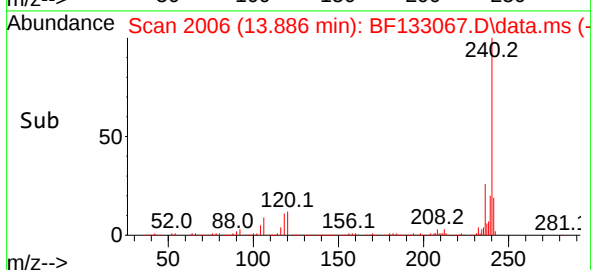
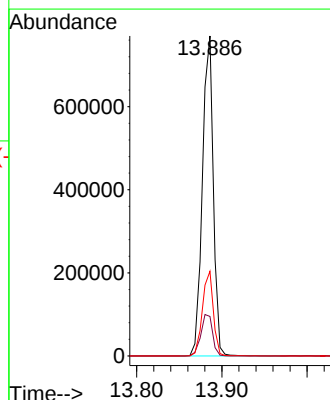
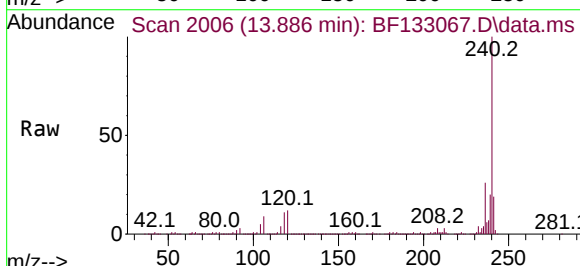
Tgt Ion:240 Resp: 685070

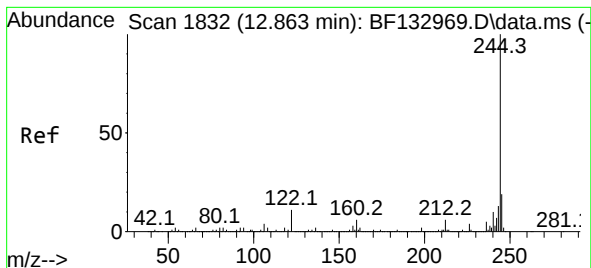
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 26.5 21.5 32.3





#79

Terphenyl-d14

Concen: 67.844 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Instrument :

BNA_F

ClientSampleId :

PB152384BL

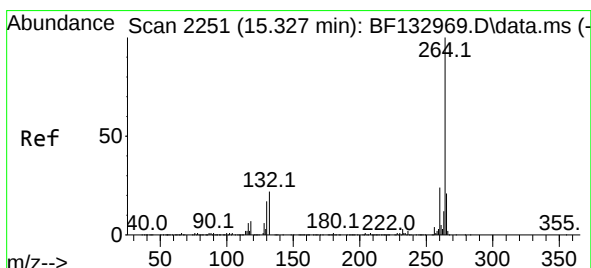
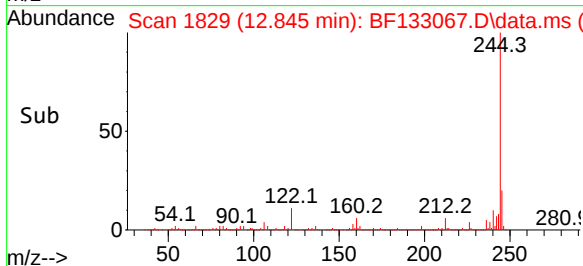
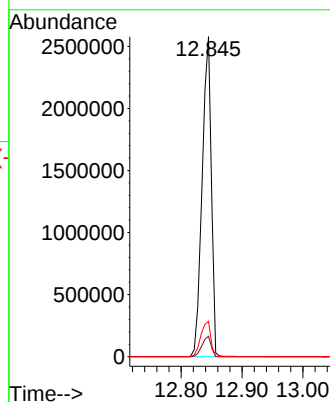
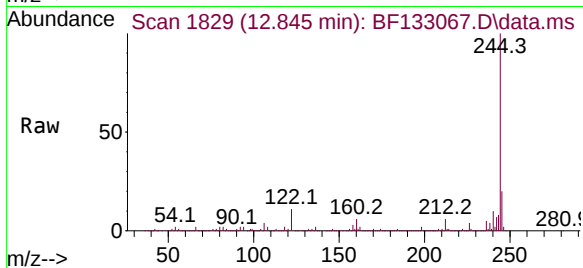
Tgt Ion:244 Resp: 2694903

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.1 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133067.D

Acq: 26 Apr 2023 16:25

Tgt Ion:264 Resp: 616026

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.0 17.0 25.4

