

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132989.D
 Acq On : 24 Apr 2023 11:56
 Operator : CG\JU
 Sample : PB152293BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152293BL

Quant Time: Apr 24 13:08:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	213942	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	861503	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	447948	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	817639	20.000	ng	0.00
76) Chrysene-d12	13.898	240	622540	20.000	ng	-0.01
86) Perylene-d12	15.327	264	649251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1833765	129.479	ng	0.02
7) Phenol-d6	6.386	99	2269691	129.115	ng	0.00
23) Nitrobenzene-d5	7.316	82	1365746	85.570	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	578412	128.394	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2247671	83.946	ng	0.00
79) Terphenyl-d14	12.857	244	2671028	73.997	ng	0.00

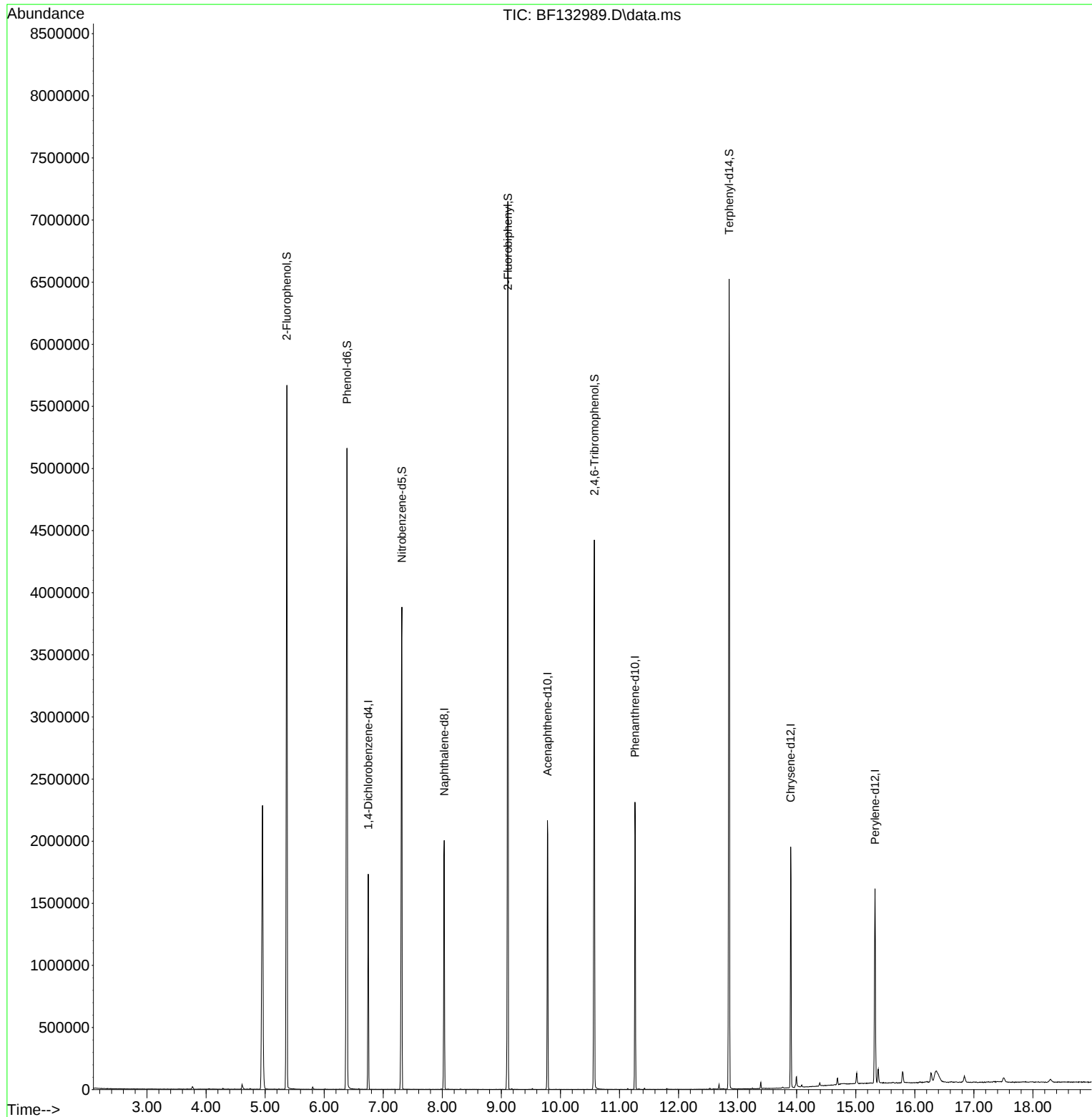
Target Compounds	Qvalue

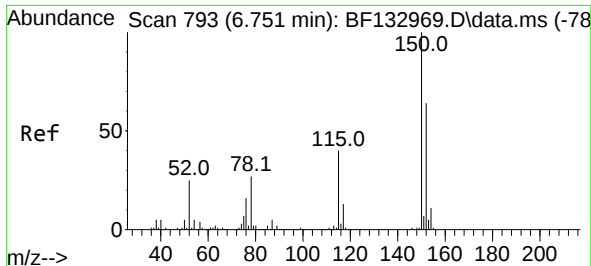
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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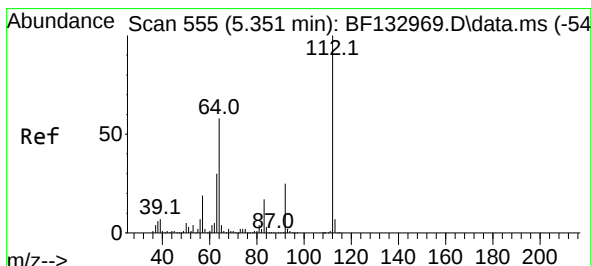
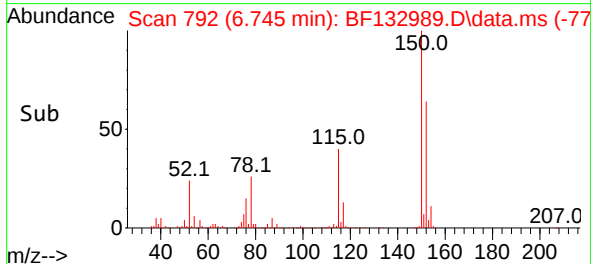
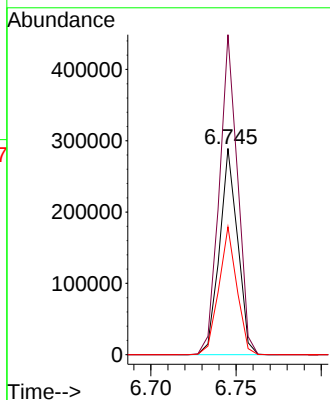
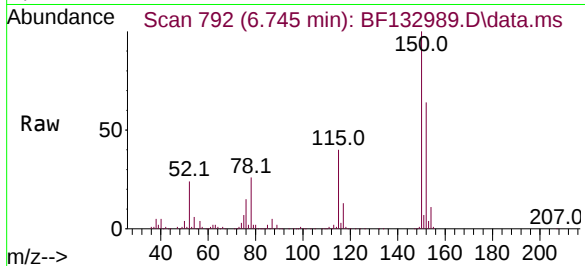




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

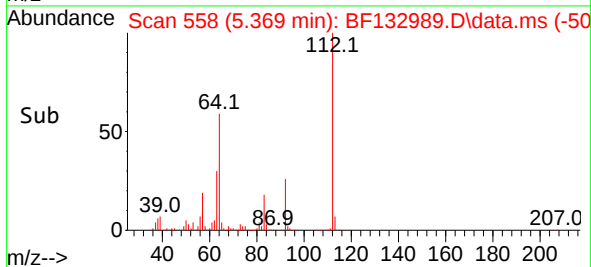
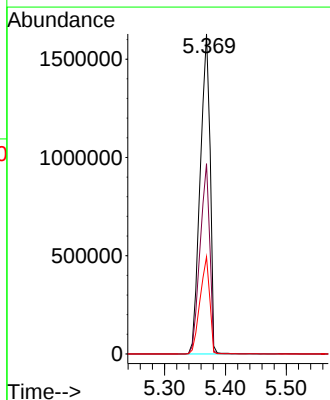
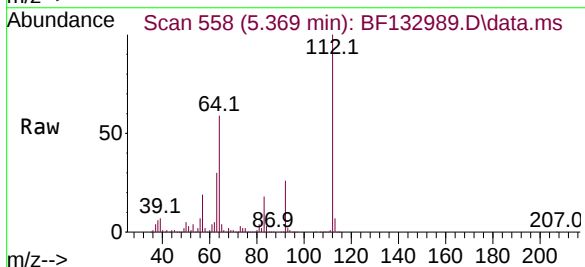
Instrument :
BNA_F
ClientSampleId :
PB152293BL

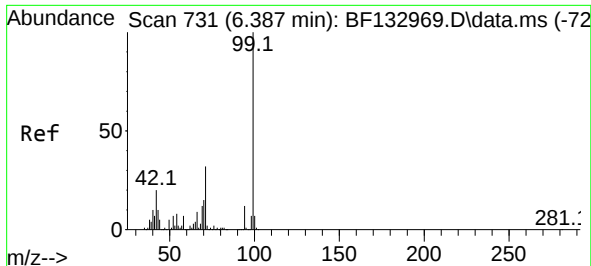
Tgt Ion:152 Resp: 213942
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 129.479 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

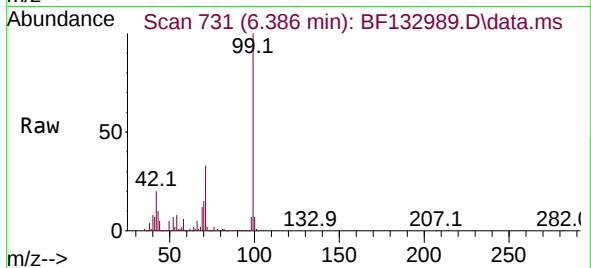
Tgt Ion:112 Resp: 1833765
Ion Ratio Lower Upper
112 100
64 59.5 46.8 70.2
63 30.4 23.8 35.8





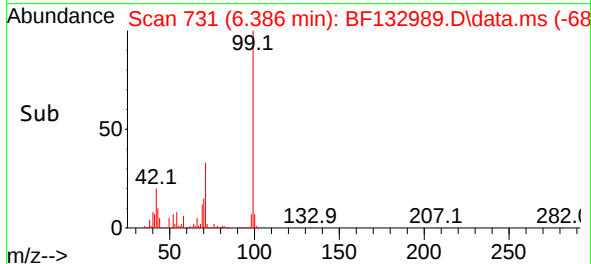
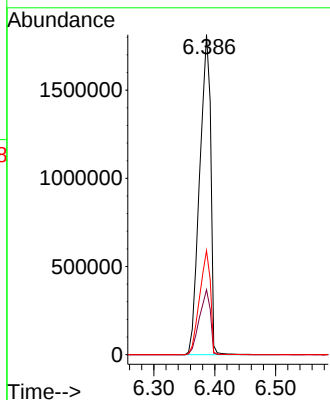
#7
Phenol-d6
Concen: 129.115 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB152293BL



Tgt Ion: 99 Resp: 2269691

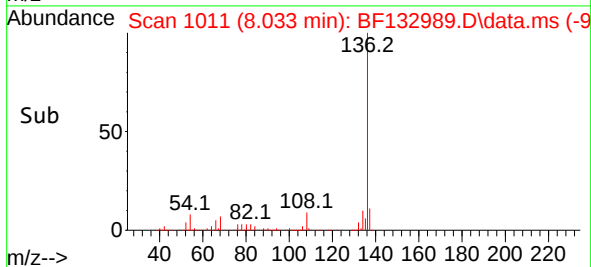
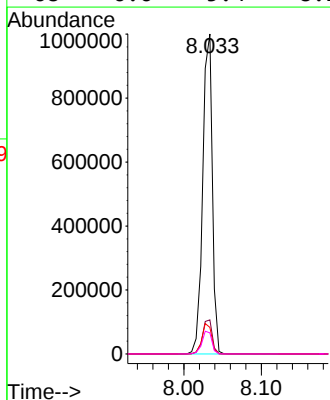
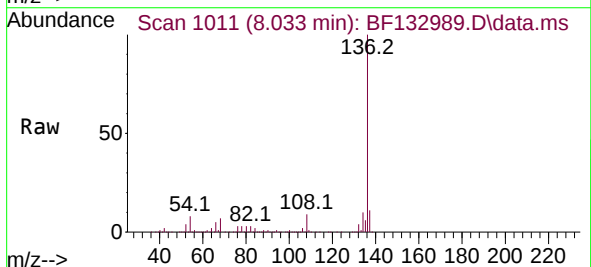
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.3	24.5
71	32.6	25.6	38.4

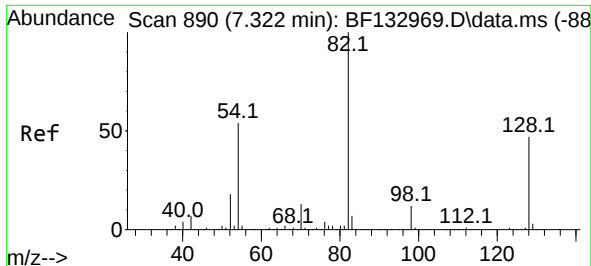


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion: 136 Resp: 861503

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.3	7.0	10.4
68	6.6	5.4	8.2





#23

Nitrobenzene-d5

Concen: 85.570 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

Instrument :

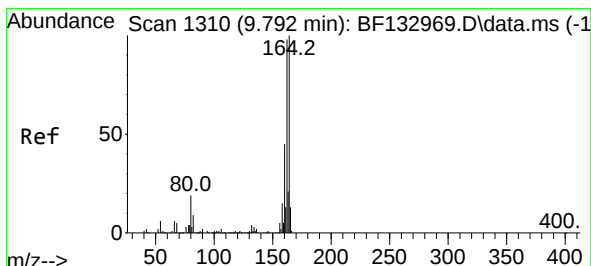
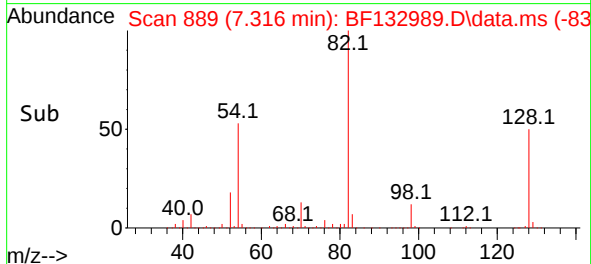
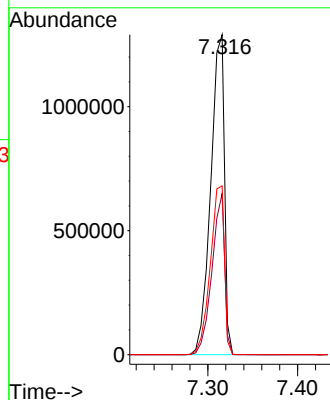
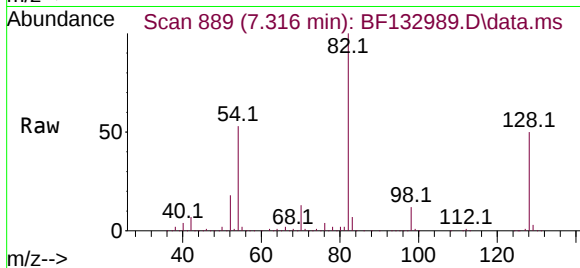
BNA_F

ClientSampleId :

PB152293BL

Tgt Ion: 82 Resp: 1365746

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	52.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

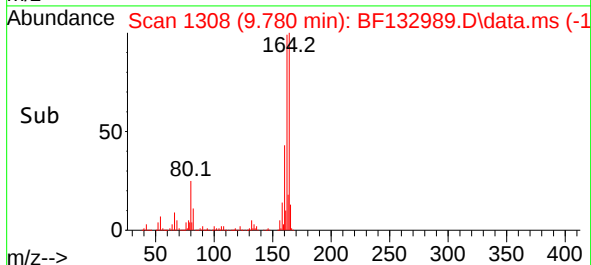
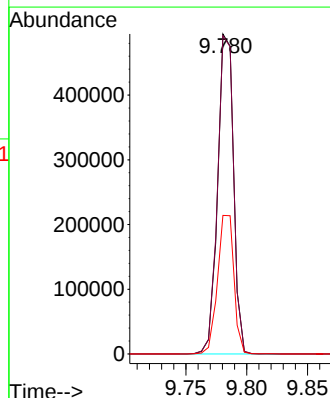
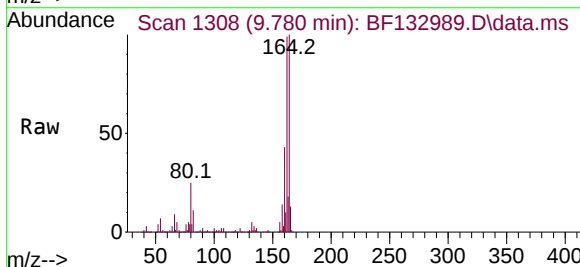
Delta R.T. -0.012 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

Tgt Ion: 164 Resp: 447948

Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.7	118.1
160	43.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 128.394 ng

RT: 10.574 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB152293BL

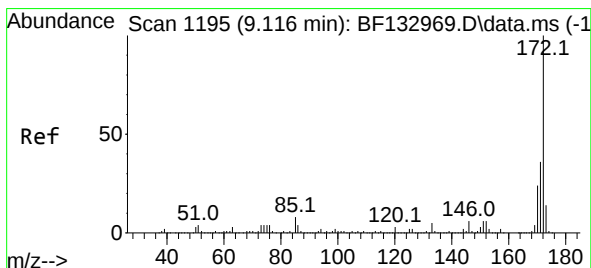
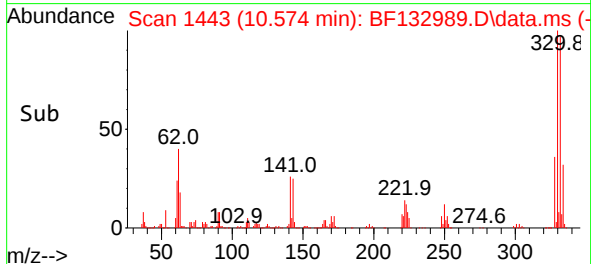
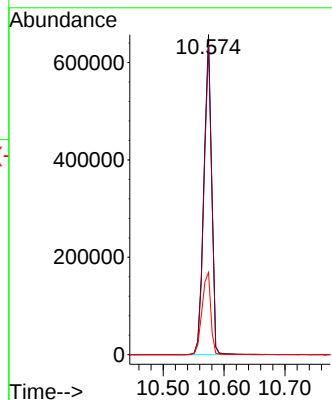
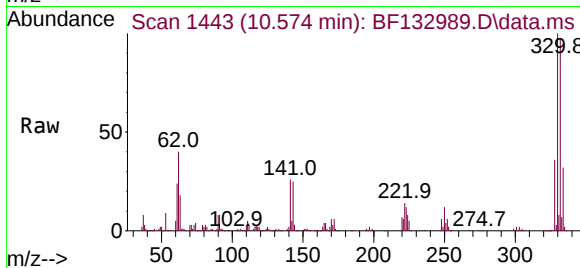
Tgt Ion:330 Resp: 578412

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 29.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.946 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

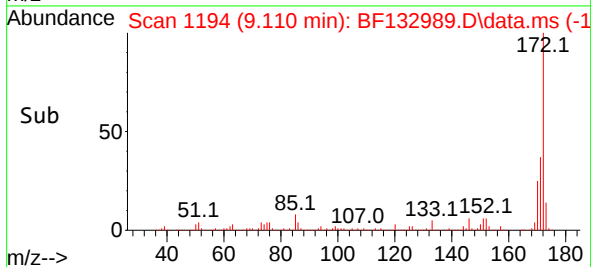
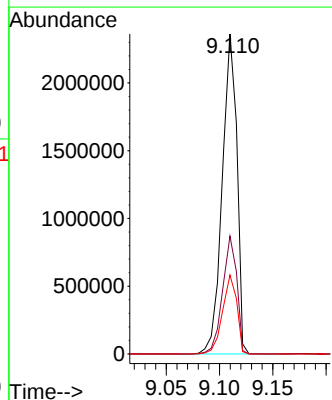
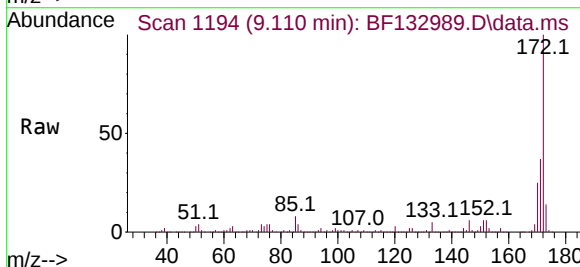
Tgt Ion:172 Resp: 2247671

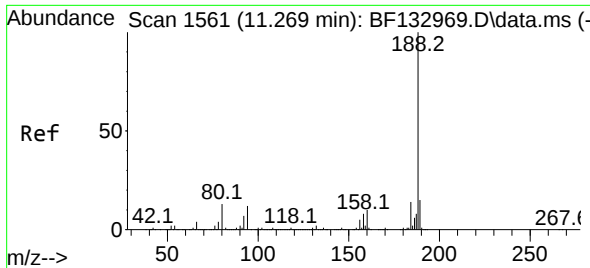
Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.7 19.4 29.2

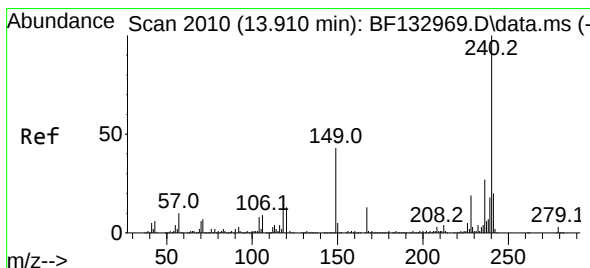
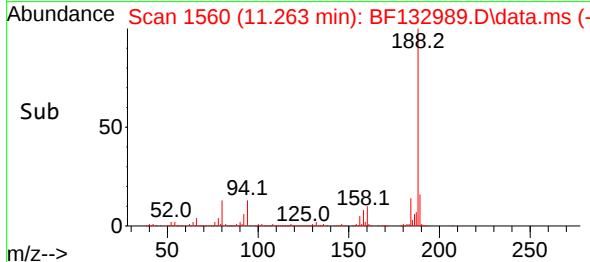
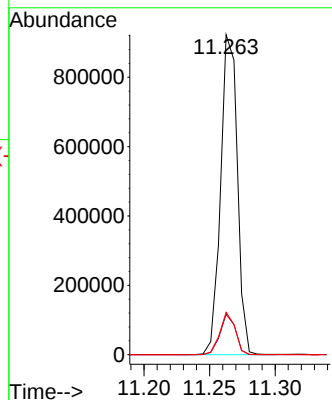
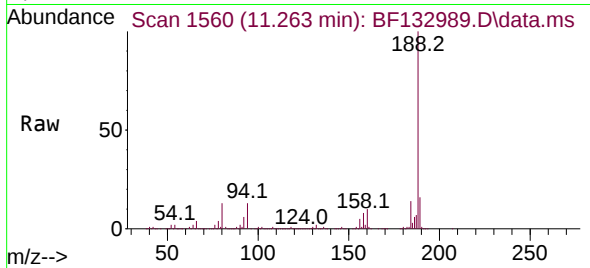




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

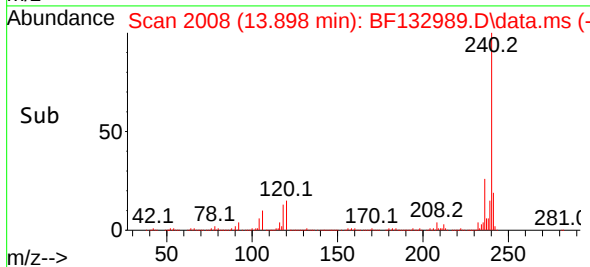
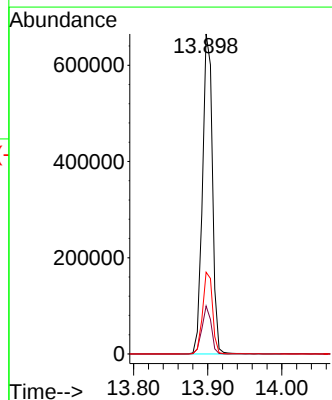
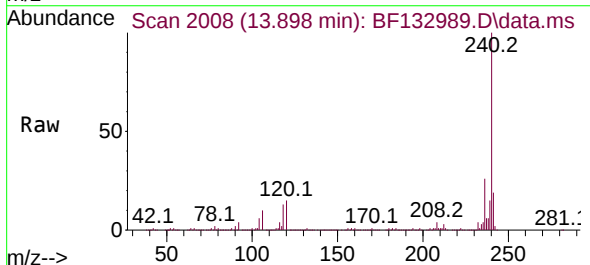
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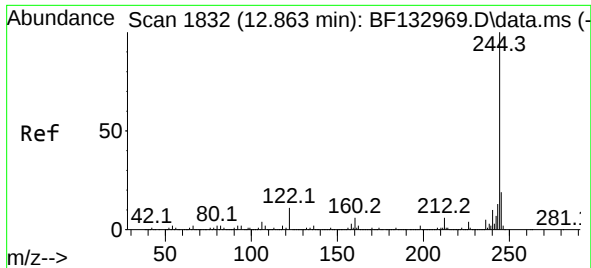
Tgt Ion:188 Resp: 817639
Ion Ratio Lower Upper
188 100
94 12.6 9.7 14.5
80 13.3 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

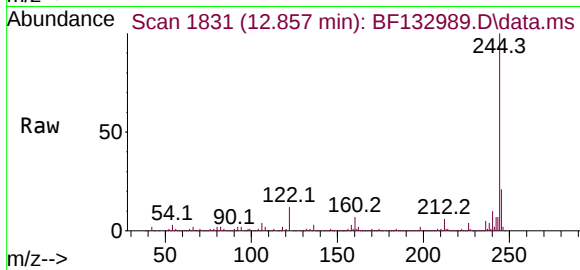
Tgt Ion:240 Resp: 622540
Ion Ratio Lower Upper
240 100
120 15.0 10.5 15.7
236 25.5 21.5 32.3





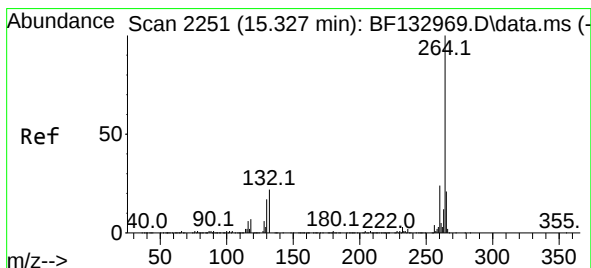
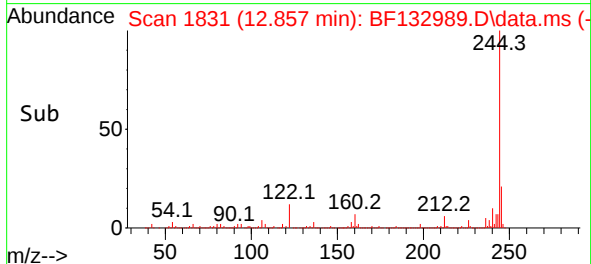
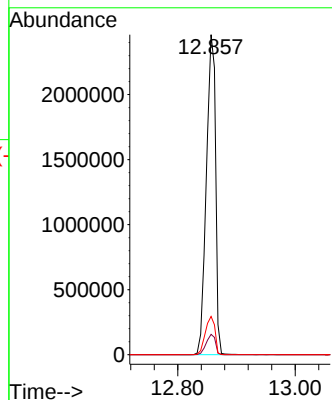
#79
 Terphenyl-d14
 Concen: 73.997 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132989.D
 Acq: 24 Apr 2023 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB152293BL



Tgt Ion:244 Resp: 2671028

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	12.0	8.6	13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BF132989.D
 Acq: 24 Apr 2023 11:56

Tgt Ion:264 Resp: 649251

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	22.0	17.0	25.4

