

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132615.D
 Acq On : 02 Mar 2023 19:14
 Operator : CG\JU
 Sample : 01749-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-9

Quant Time: Mar 03 00:38:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	209783	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	764583	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	366887	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	554374	20.000	ng	0.00
76) Chrysene-d12	14.204	240	391917	20.000	ng	0.00
86) Perylene-d12	15.756	264	349866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1429806	110.616	ng	0.00
7) Phenol-d6	6.628	99	1882324	111.582	ng	0.00
23) Nitrobenzene-d5	7.569	82	1206615	74.874	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	379835	95.864	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1817638	75.436	ng	0.00
79) Terphenyl-d14	13.139	244	1491056	64.325	ng	0.00

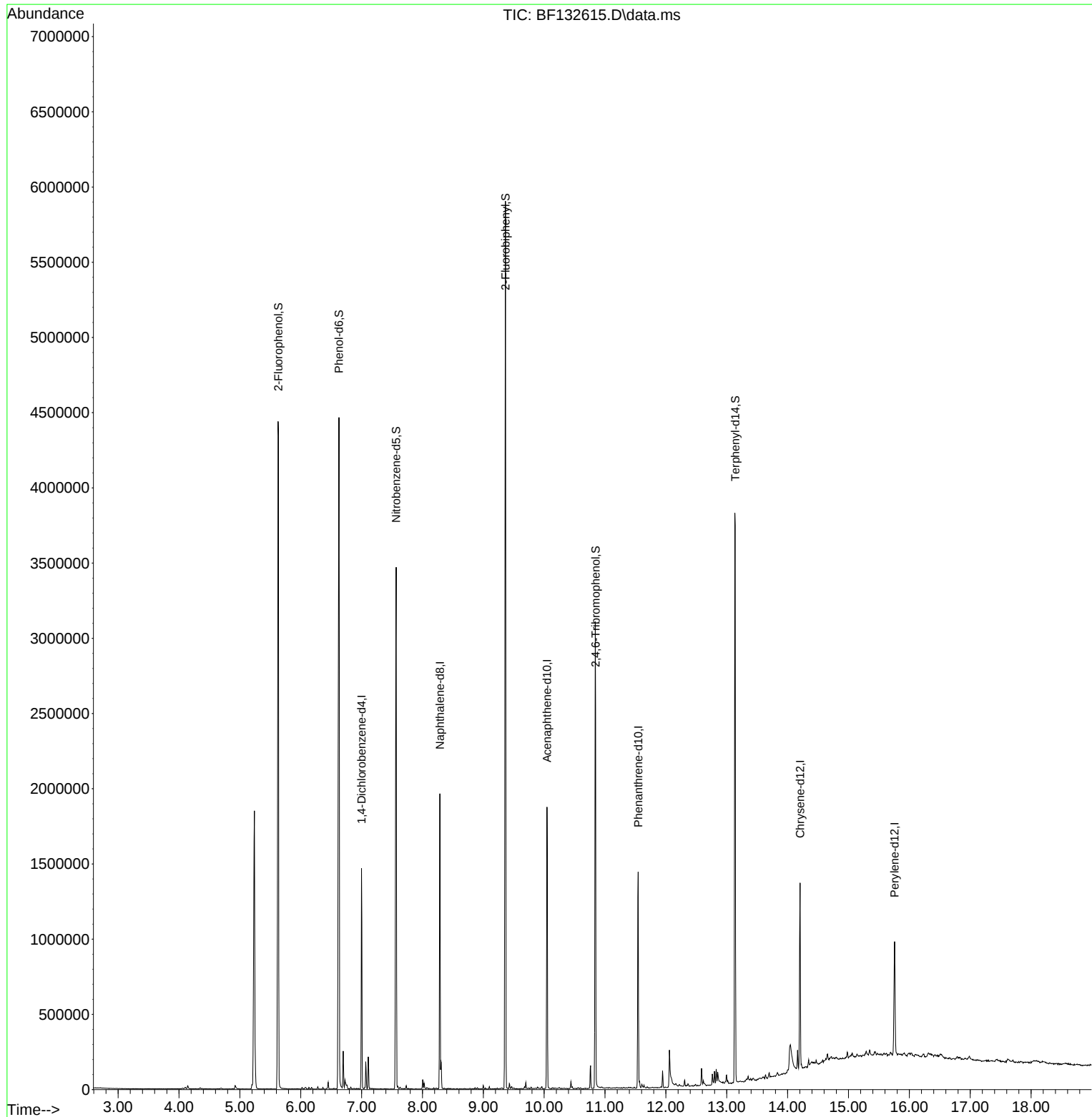
Target Compounds	Qvalue

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

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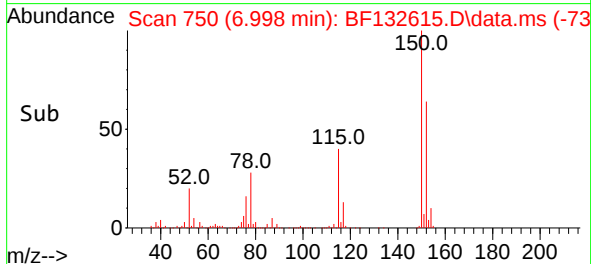
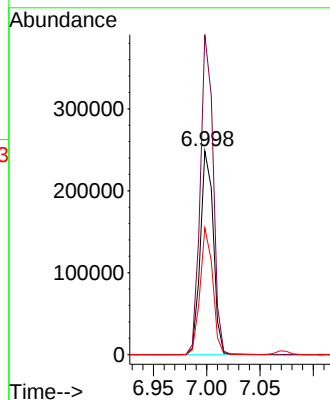
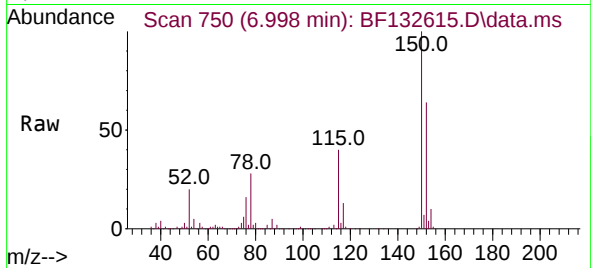




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

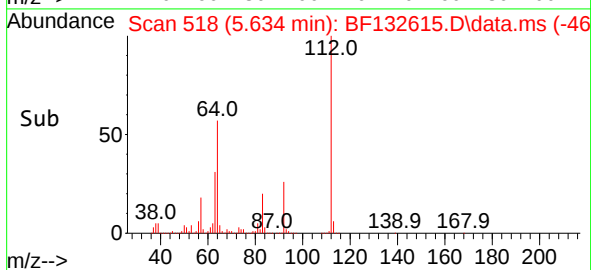
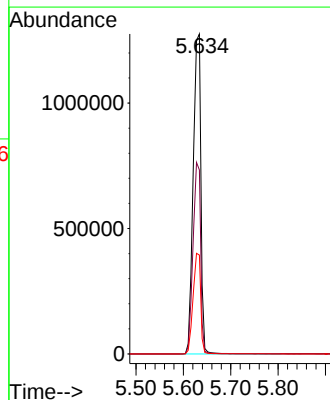
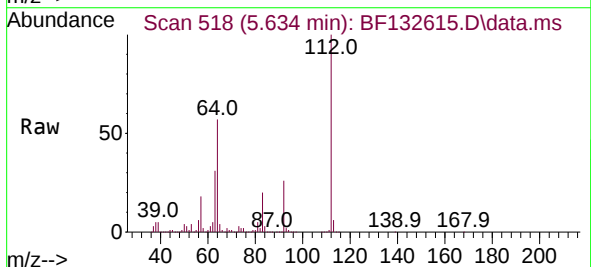
Instrument :
BNA_F
ClientSampleId :
CF-9

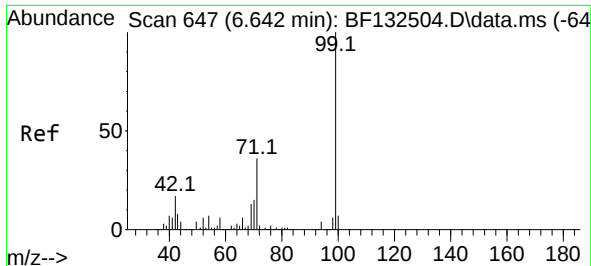
Tgt Ion:152 Resp: 209783
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 62.3 47.8 71.6



#5
2-Fluorophenol
Concen: 110.616 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

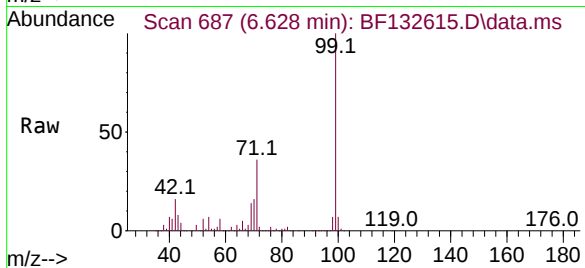
Tgt Ion:112 Resp: 1429806
Ion Ratio Lower Upper
112 100
64 57.5 51.6 77.4
63 30.9 27.4 41.2





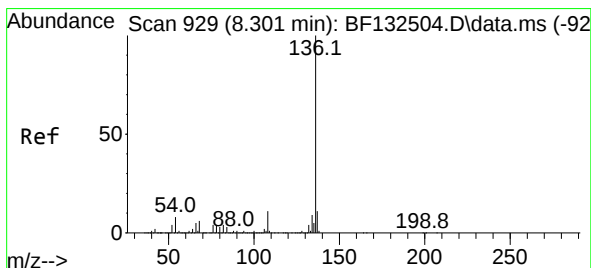
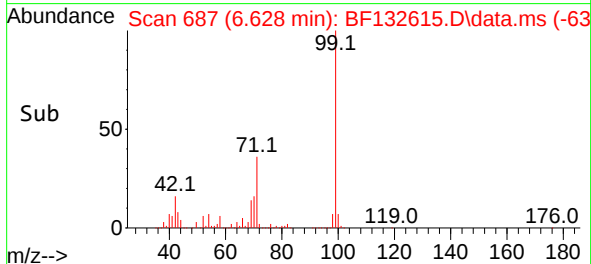
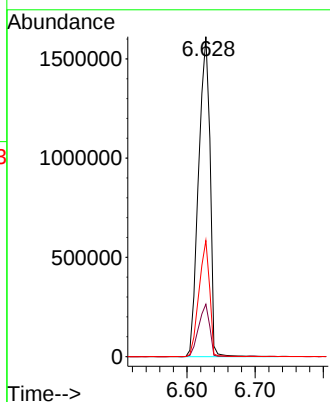
#7
Phenol-d6
Concen: 111.582 ng
RT: 6.628 min Scan# 647
Delta R.T. -0.009 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Instrument :
BNA_F
ClientSampleId :
CF-9



Tgt Ion: 99 Resp: 1882324

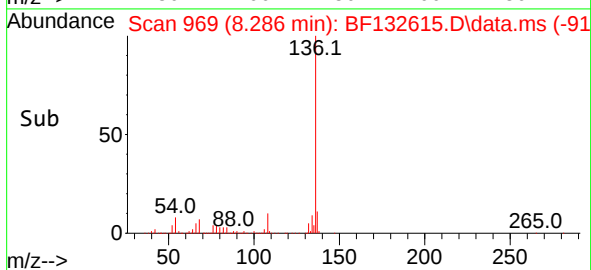
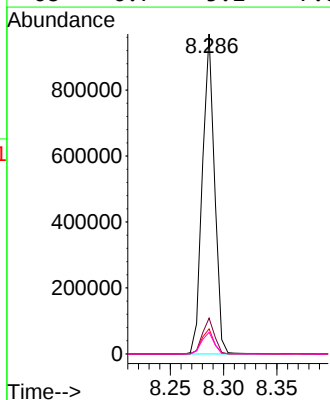
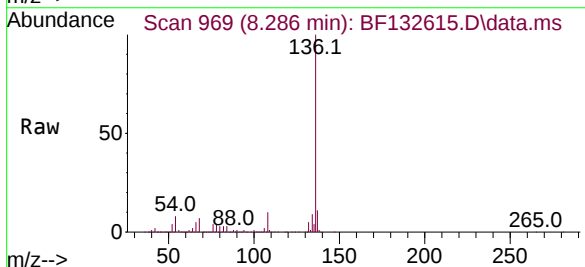
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.9	20.9
71	36.3	28.5	42.7

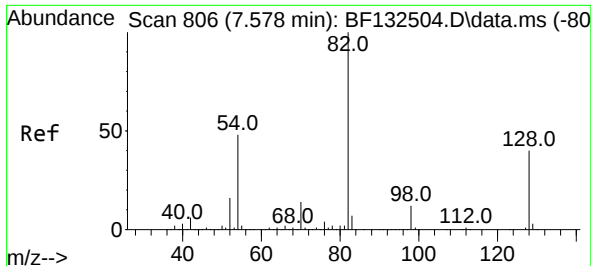


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion: 136 Resp: 764583

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.2	9.4
68	6.7	5.2	7.8





#23

Nitrobenzene-d5

Concen: 74.874 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

Instrument :

BNA_F

ClientSampleId :

CF-9

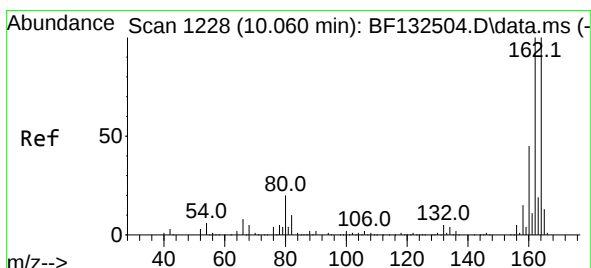
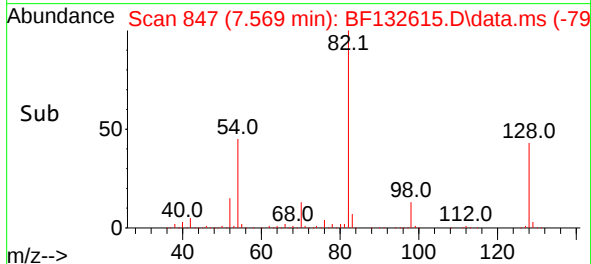
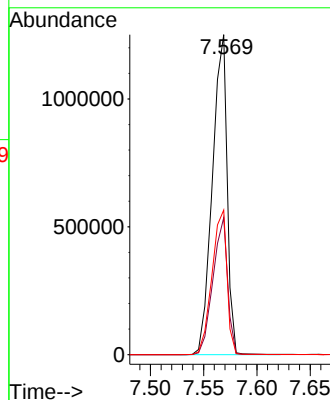
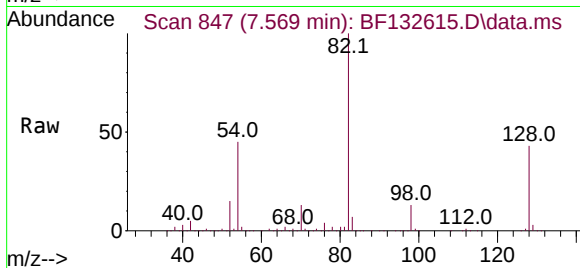
Tgt Ion: 82 Resp: 1206615

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.2

54 45.2 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1268

Delta R.T. -0.009 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

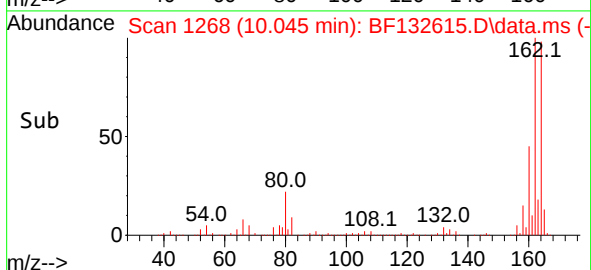
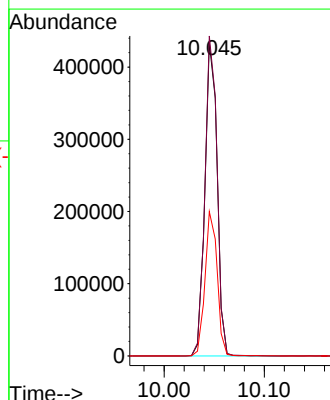
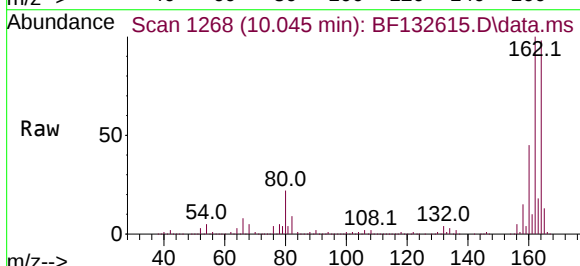
Tgt Ion:164 Resp: 366887

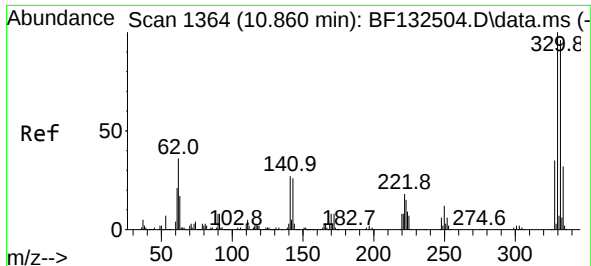
Ion Ratio Lower Upper

164 100

162 102.2 79.8 119.8

160 46.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 95.864 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

Instrument :

BNA_F

ClientSampleId :

CF-9

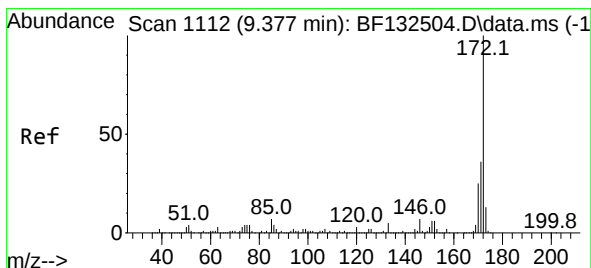
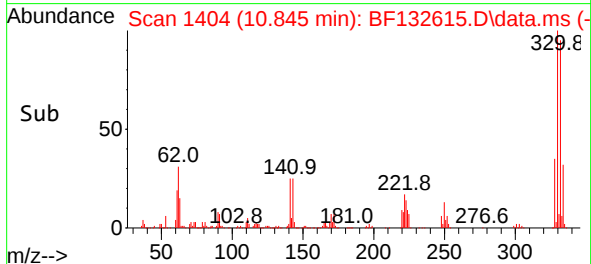
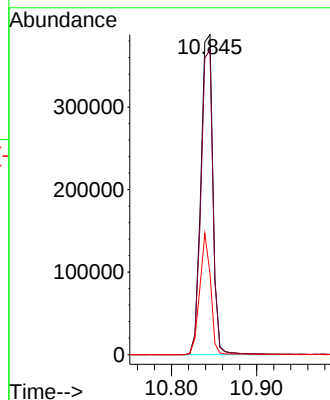
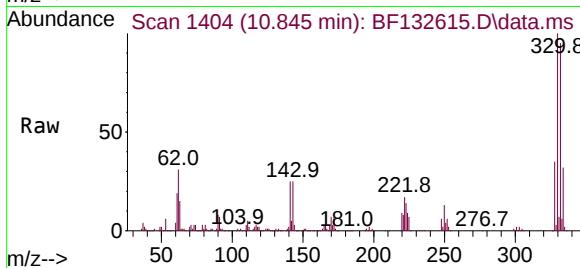
Tgt Ion:330 Resp: 379835

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

141 34.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 75.436 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132615.D

Acq: 02 Mar 2023 19:14

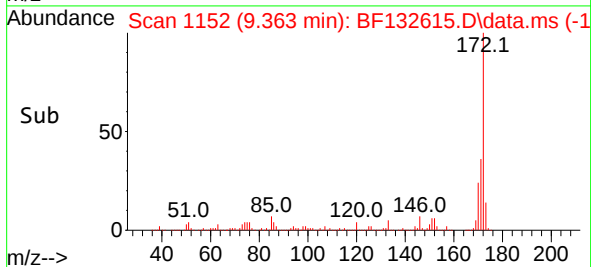
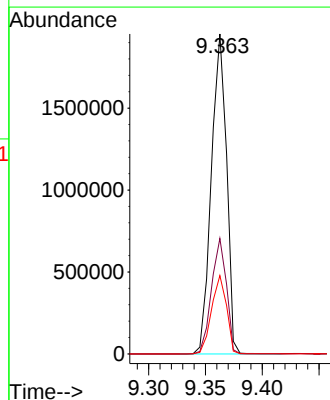
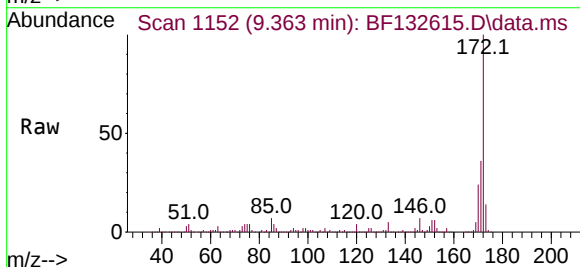
Tgt Ion:172 Resp: 1817638

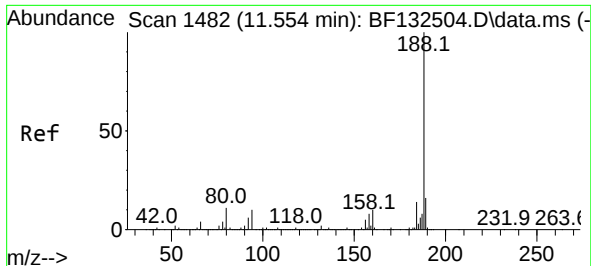
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.7 29.5

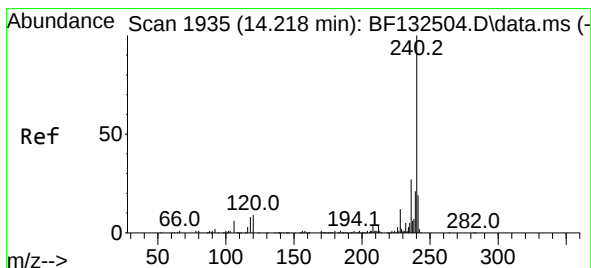
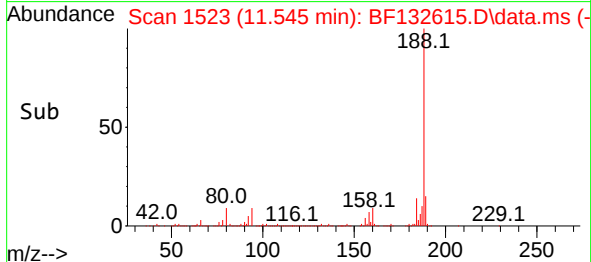
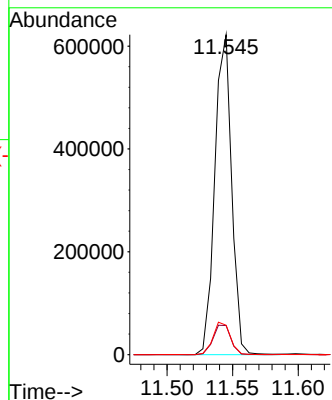
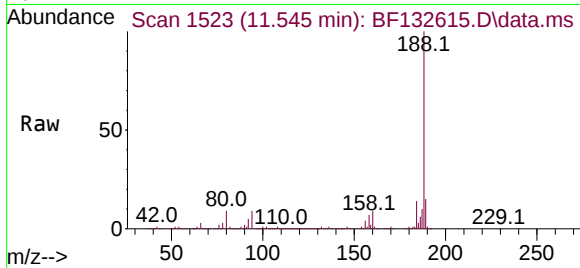




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

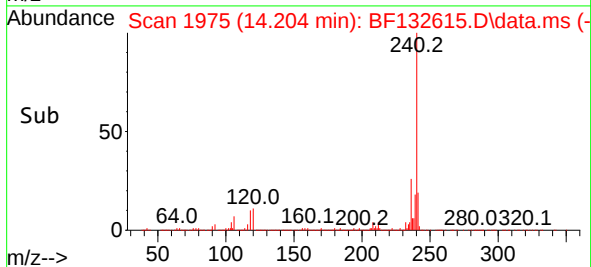
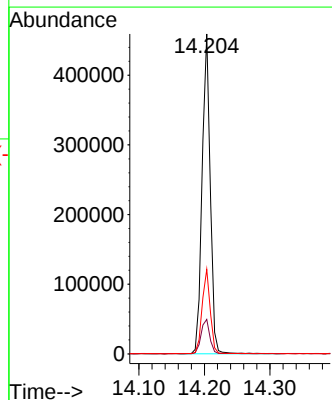
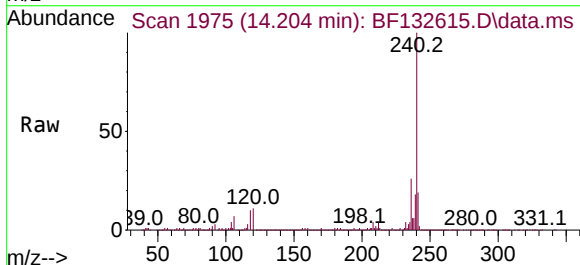
Instrument :
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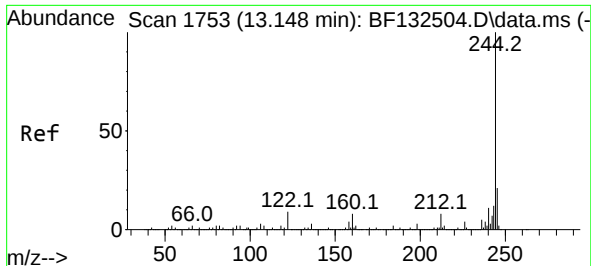
Tgt Ion:188 Resp: 554374
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132615.D
Acq: 02 Mar 2023 19:14

Tgt Ion:240 Resp: 391917
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 26.4 21.8 32.6

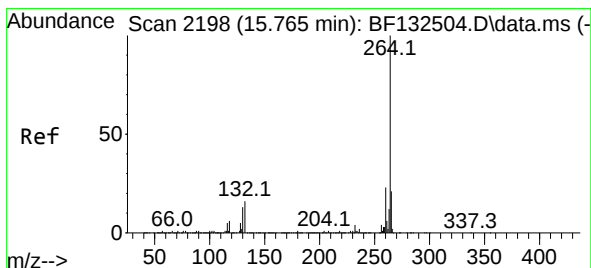
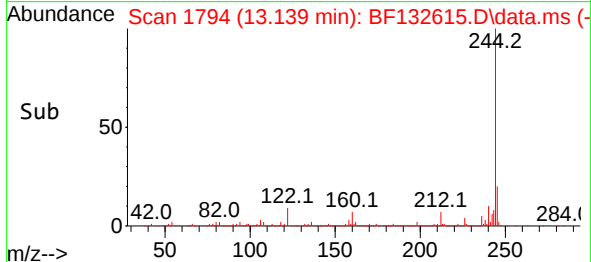
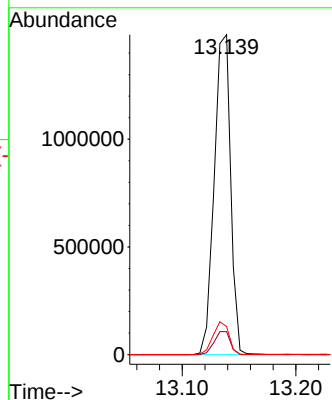
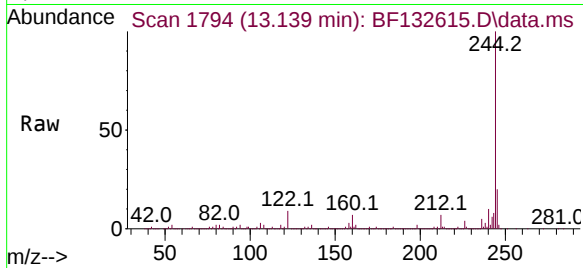




#79
 Terphenyl-d14
 Concen: 64.325 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132615.D
 Acq: 02 Mar 2023 19:14

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1491056
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.756 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132615.D
 Acq: 02 Mar 2023 19:14

Tgt Ion:264 Resp: 349866
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.1 25.7

