

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135568.D
 Acq On : 04 Oct 2023 13:25
 Operator : CG\JU
 Sample : 04652-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS3-COMP

Quant Time: Oct 04 17:24:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	141658	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	536052	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	270998	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	539732	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	310375	20.000	ng	0.00
86) Perylene-d12	15.386	264	261838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	982221	112.774	ng	0.01
7) Phenol-d6	6.387	99	1138848	102.832	ng	0.00
23) Nitrobenzene-d5	7.304	82	844377	85.578	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	324845	120.623	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1415605	78.811	ng	0.00
79) Terphenyl-d14	12.863	244	1622319	81.028	ng	0.00

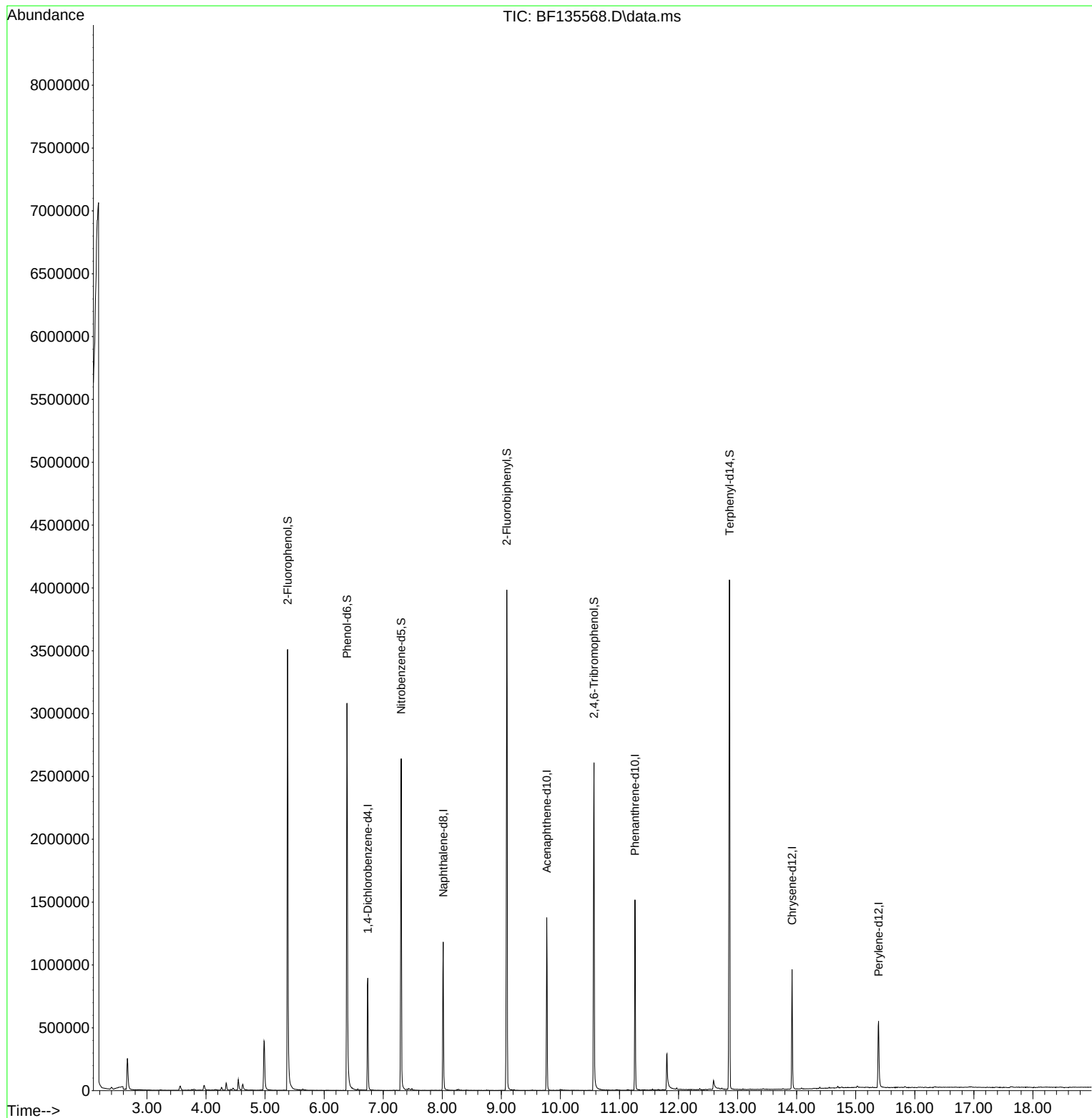
Target Compounds	Qvalue

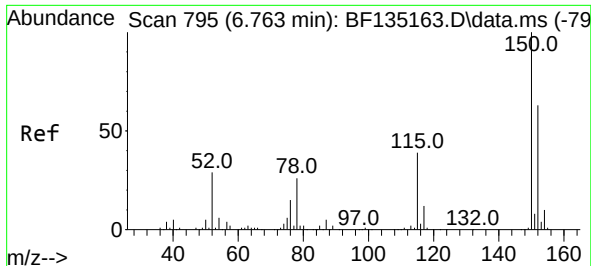
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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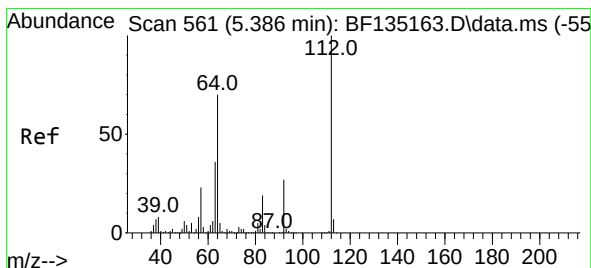
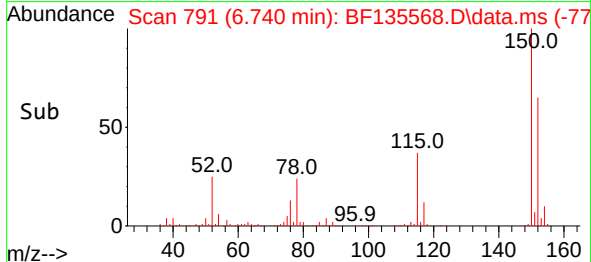
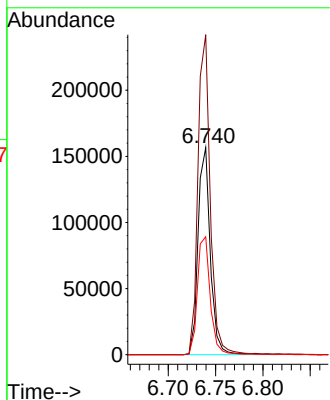
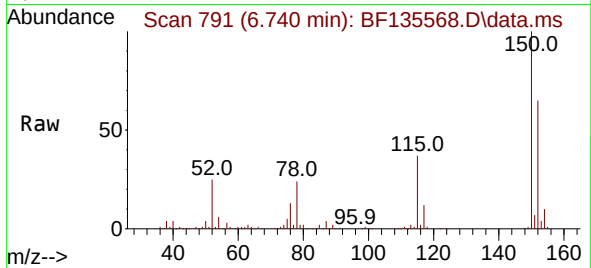




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

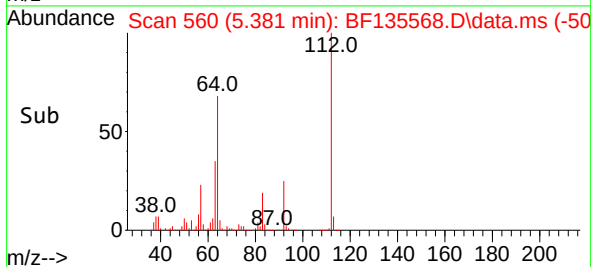
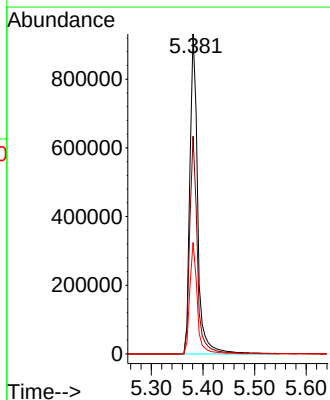
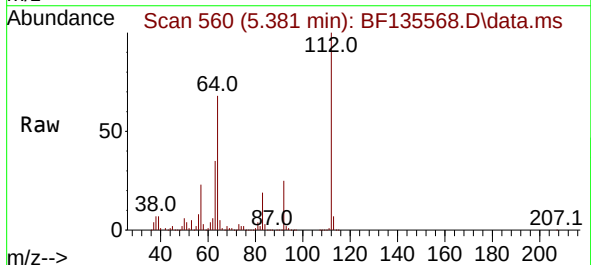
Instrument :
BNA_F
ClientSampleId :
IS3-COMP

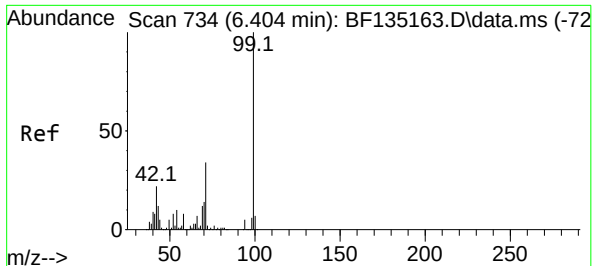
Tgt Ion:152 Resp: 141658
Ion Ratio Lower Upper
152 100
150 154.6 127.8 191.6
115 56.9 49.8 74.8



#5
2-Fluorophenol
Concen: 112.774 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion:112 Resp: 982221
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 34.8 29.0 43.6



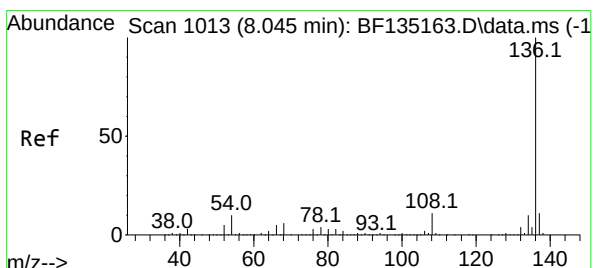
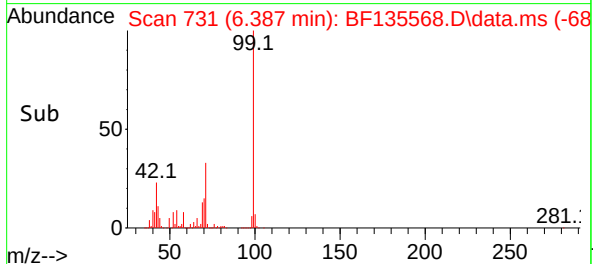
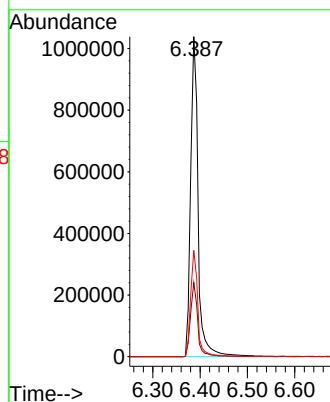
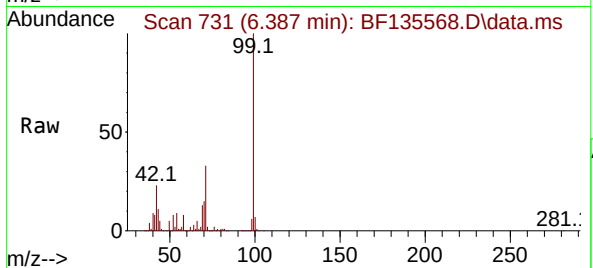


#7
Phenol-d6
Concen: 102.832 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Instrument :
BNA_F
ClientSampleId :
IS3-COMP

Tgt Ion: 99 Resp: 1138848

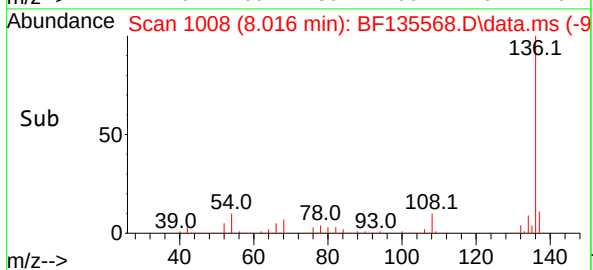
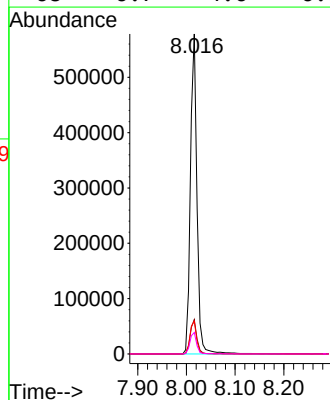
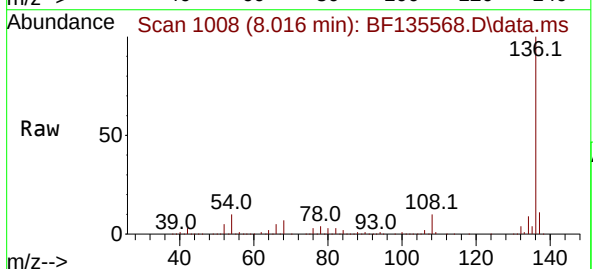
Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	33.2	27.0	40.6

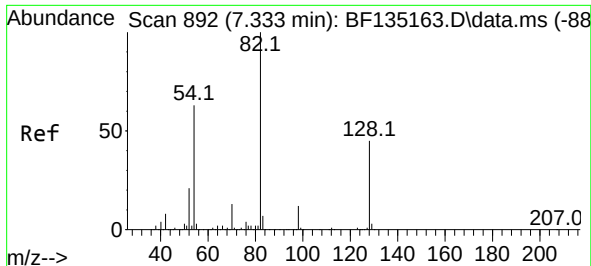


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion: 136 Resp: 536052

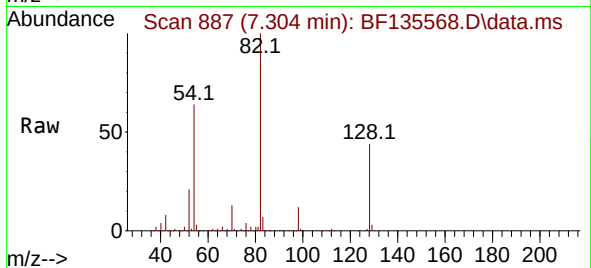
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.2	7.7	11.5
68	6.7	4.6	6.8



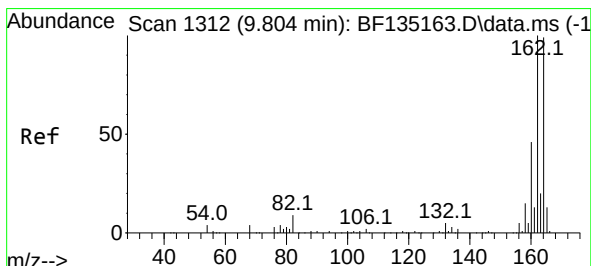
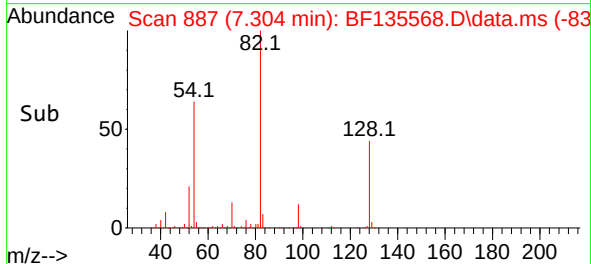
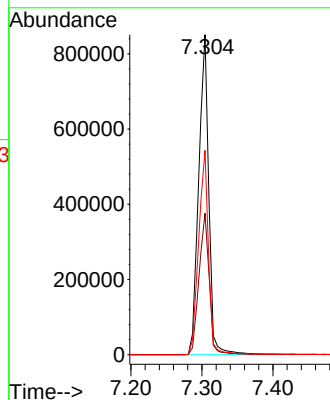


#23
Nitrobenzene-d5
Concen: 85.578 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Instrument :
BNA_F
ClientSampleId :
IS3-COMP

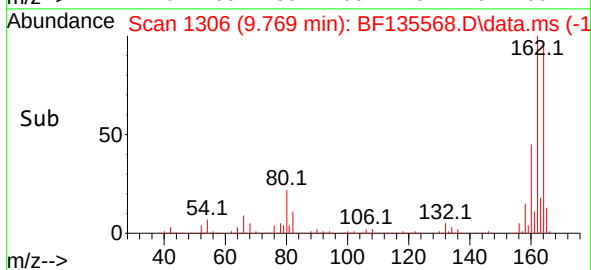
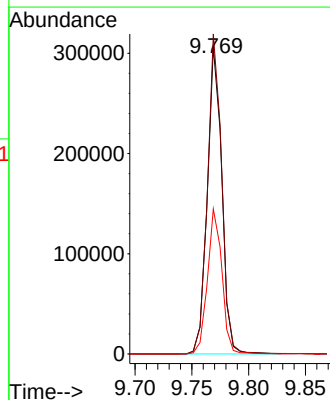
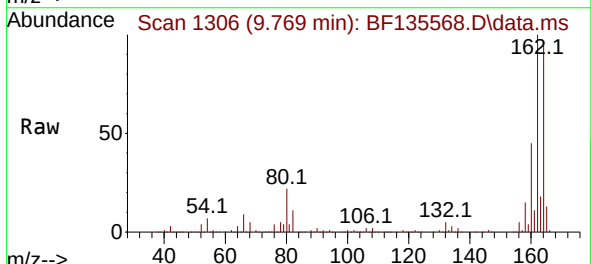


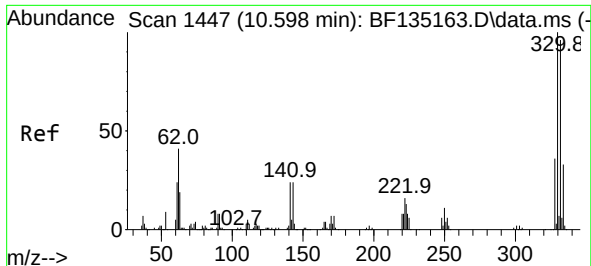
Tgt Ion: 82 Resp: 844377
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 63.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion: 164 Resp: 270998
Ion Ratio Lower Upper
164 100
162 104.3 81.0 121.4
160 47.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 120.623 ng

RT: 10.569 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

Instrument :

BNA_F

ClientSampleId :

IS3-COMP

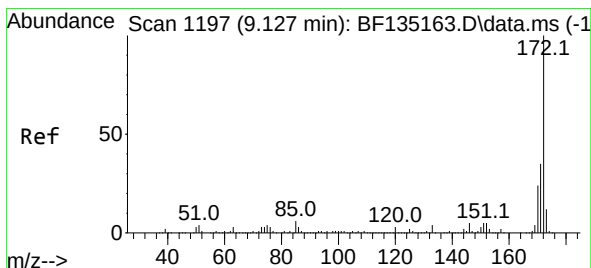
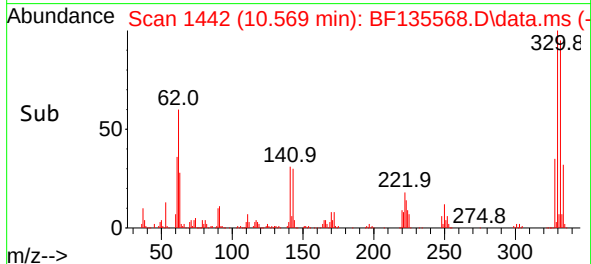
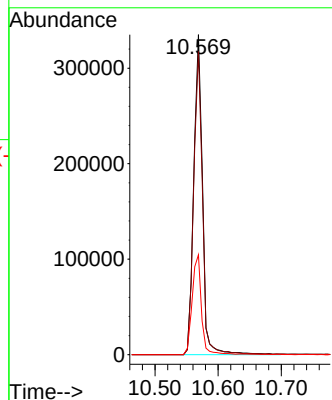
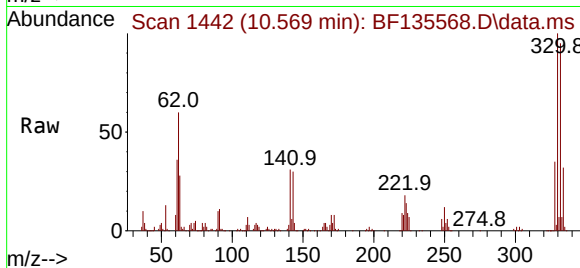
Tgt Ion:330 Resp: 324845

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 78.811 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

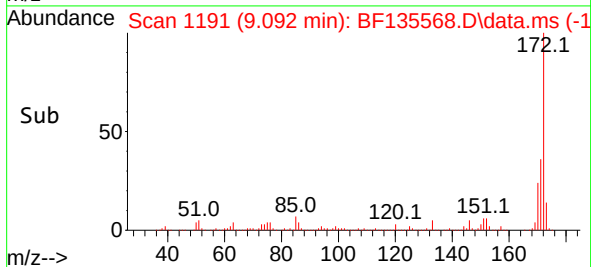
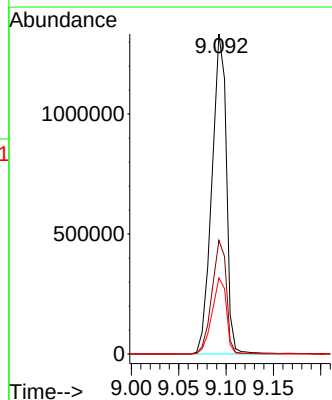
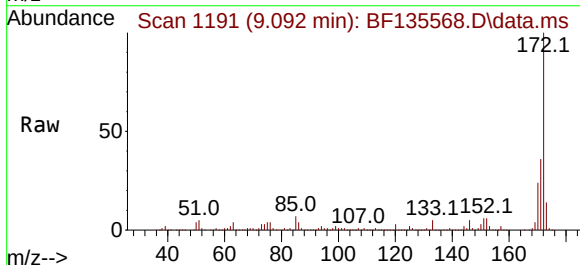
Tgt Ion:172 Resp: 1415605

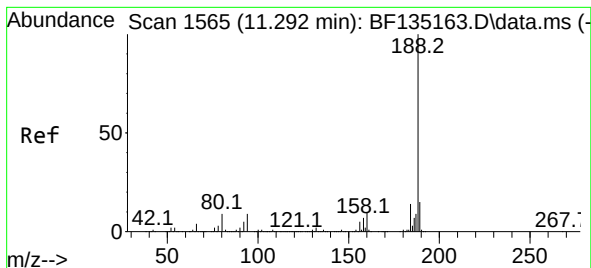
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

Instrument :

BNA_F

ClientSampleId :

IS3-COMP

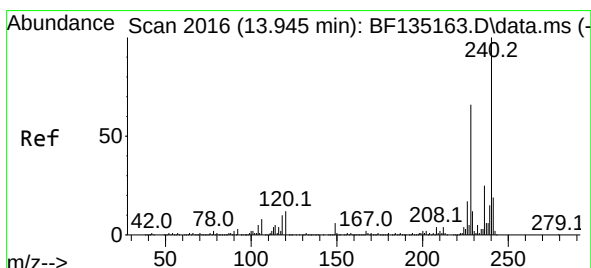
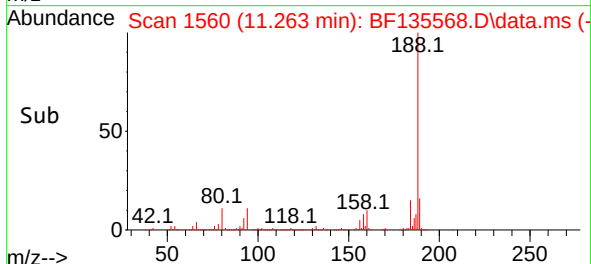
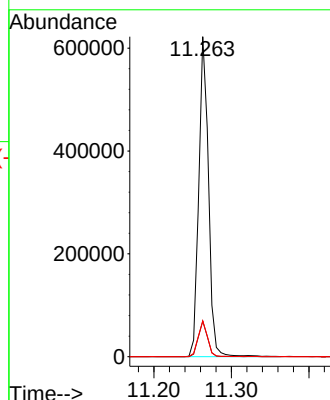
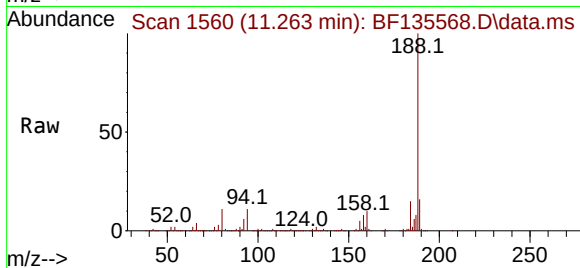
Tgt Ion:188 Resp: 539732

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

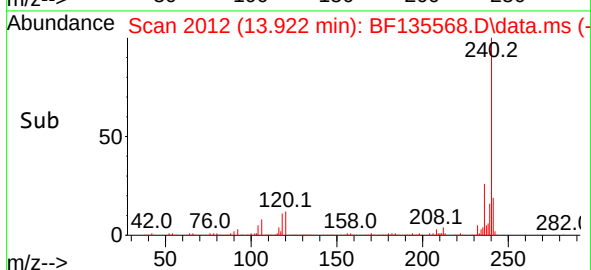
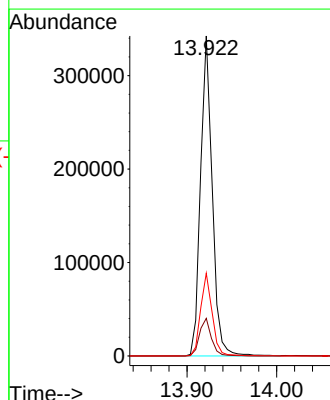
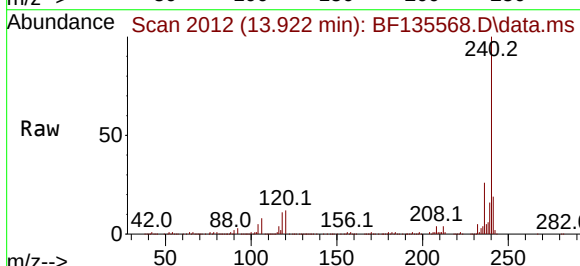
Tgt Ion:240 Resp: 310375

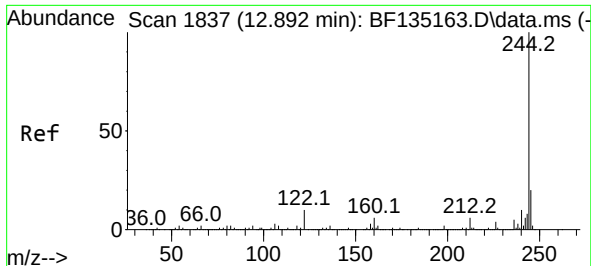
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

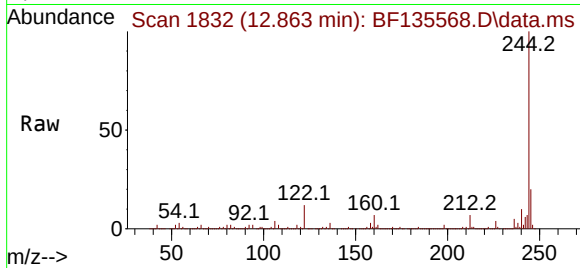
236 25.9 19.8 29.8



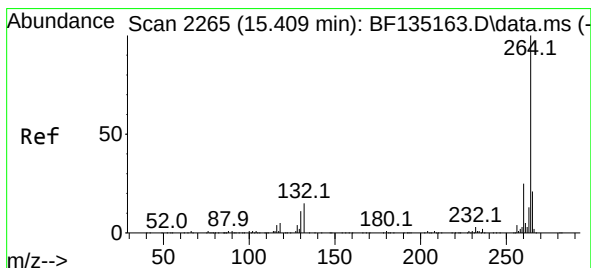
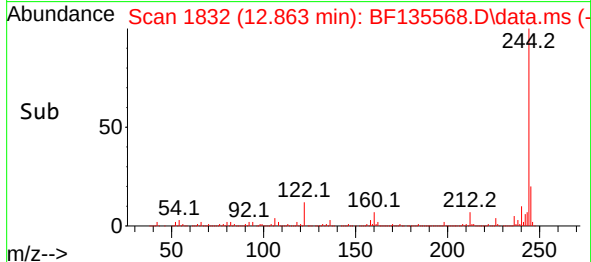
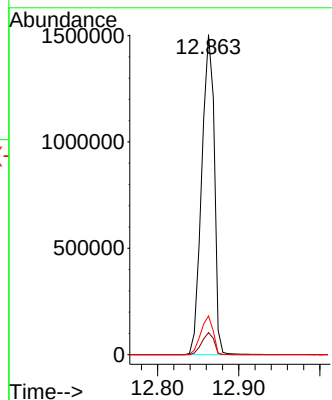


#79
 Terphenyl-d14
 Concen: 81.028 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135568.D
 Acq: 04 Oct 2023 13:25

Instrument :
 BNA_F
 ClientSampleId :
 IS3-COMP



Tgt Ion:244 Resp: 1622319
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135568.D
 Acq: 04 Oct 2023 13:25

Tgt Ion:264 Resp: 261838
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.2 17.0 25.4

