

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135538.D
 Acq On : 02 Oct 2023 20:54
 Operator : CG\JU
 Sample : 04667-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2970

Quant Time: Oct 03 02:58:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	135170	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	475745	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	200843	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	323804	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	266169	20.000	ng	0.00
86) Perylene-d12	15.392	264	209719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	544285	65.492	ng	0.00
7) Phenol-d6	6.392	99	414828	39.255	ng	-0.01
23) Nitrobenzene-d5	7.310	82	881435	100.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	239019	119.755	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1358307	102.035	ng	-0.01
79) Terphenyl-d14	12.868	244	1165224	67.864	ng	0.00

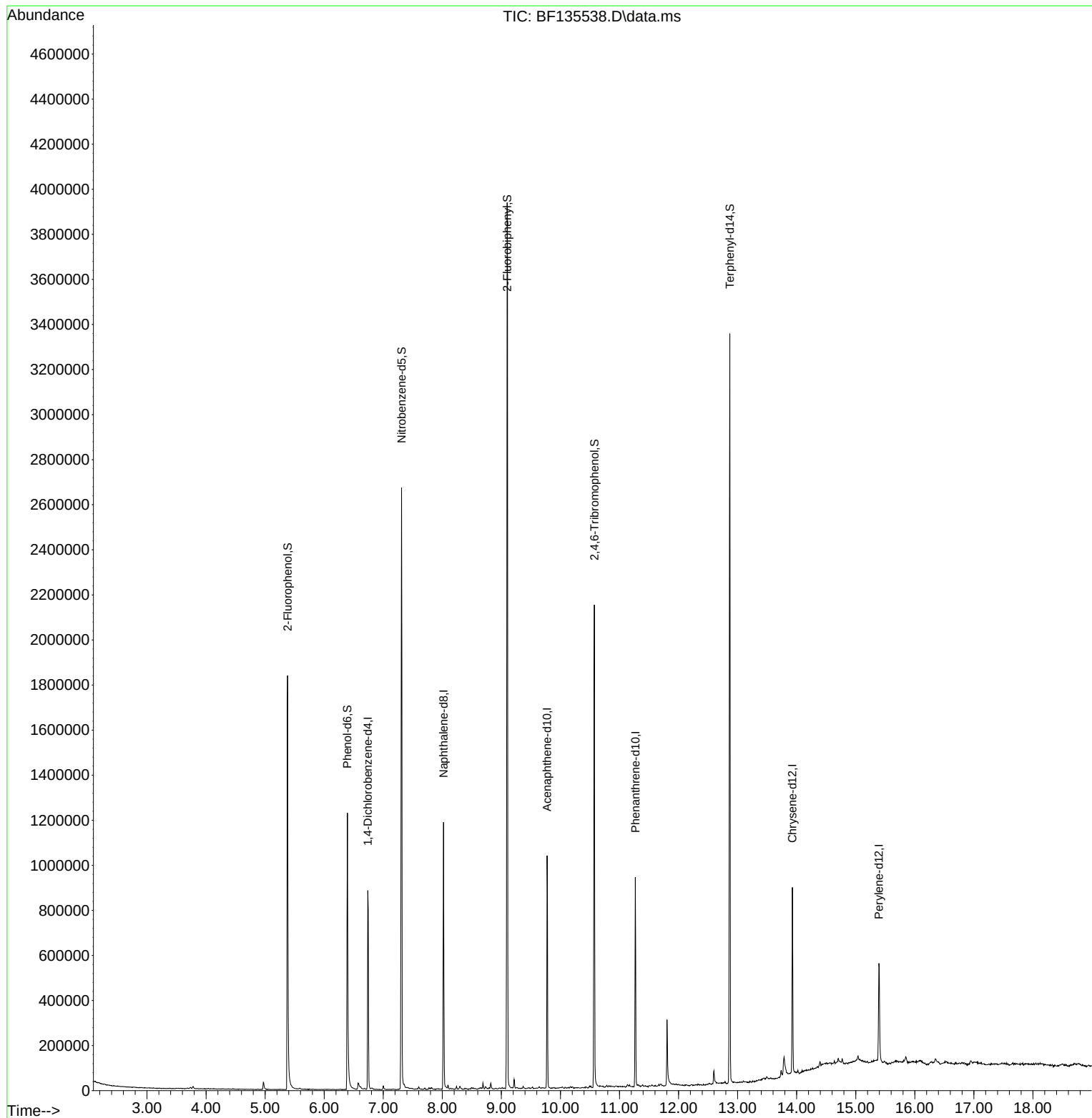
Target Compounds	Qvalue

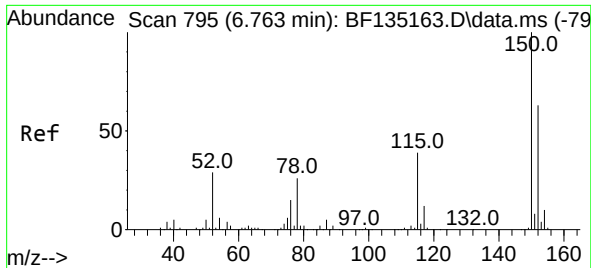
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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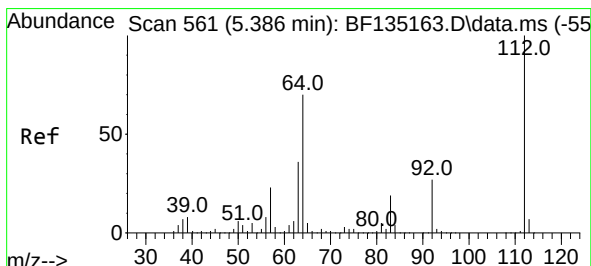
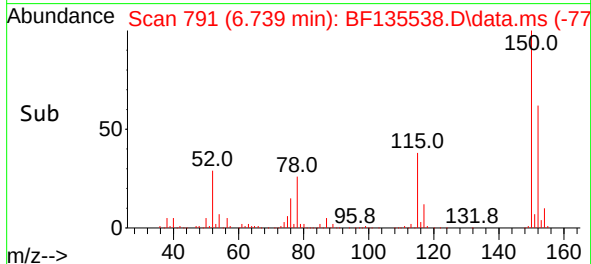
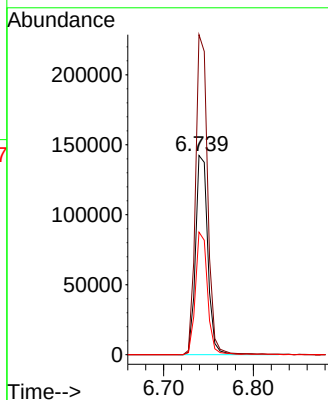
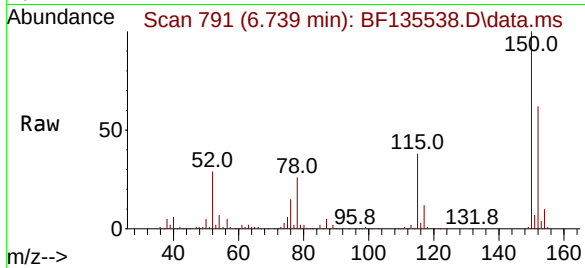




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135538.D
Acq: 02 Oct 2023 20:54

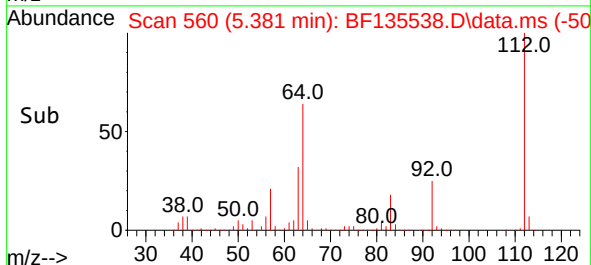
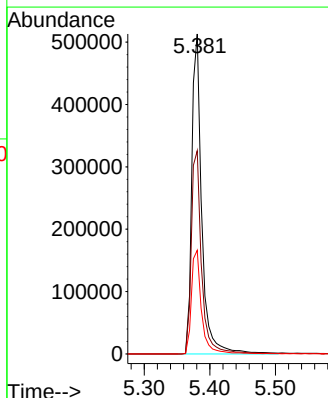
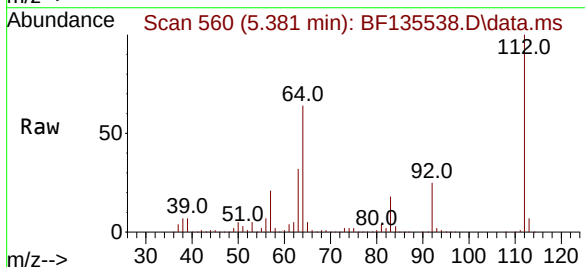
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A2970

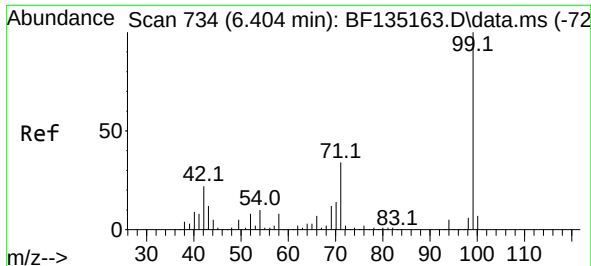
Tgt Ion:152 Resp: 135170
Ion Ratio Lower Upper
152 100
150 160.6 127.8 191.6
115 61.5 49.8 74.8



#5
2-Fluorophenol
Concen: 65.492 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF135538.D
Acq: 02 Oct 2023 20:54

Tgt Ion:112 Resp: 544285
Ion Ratio Lower Upper
112 100
64 63.5 55.9 83.9
63 32.4 29.0 43.6

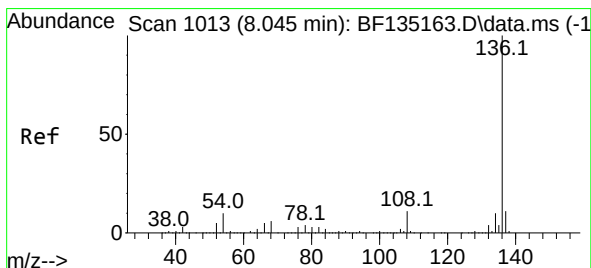
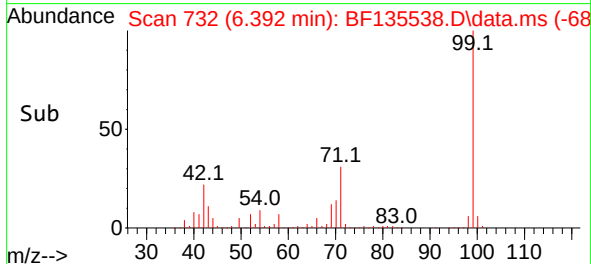
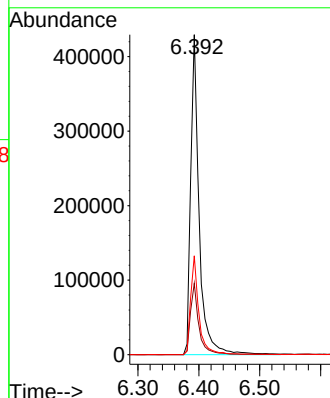
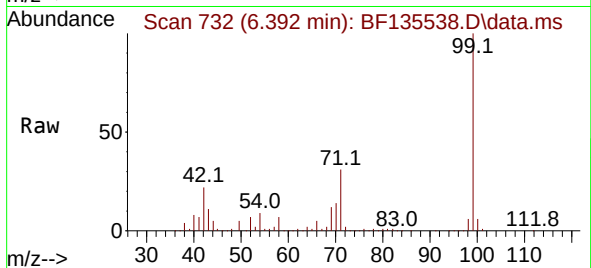




#7
Phenol-d6
Concen: 39.255 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135538.D
Acq: 02 Oct 2023 20:54

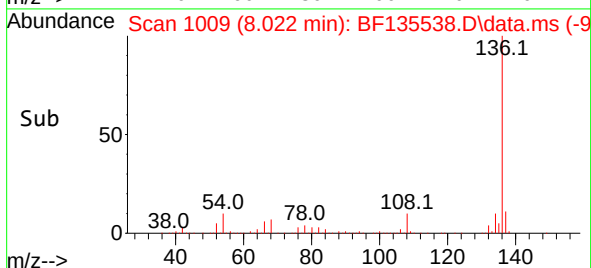
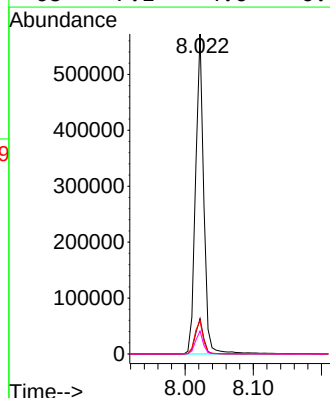
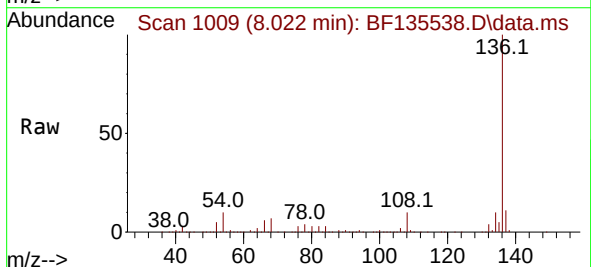
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A2970

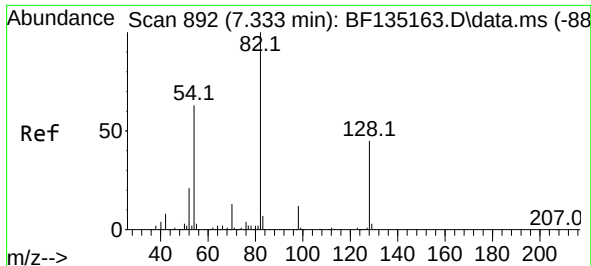
Tgt Ion: 99 Resp: 414828
Ion Ratio Lower Upper
99 100
42 22.3 17.9 26.9
71 30.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135538.D
Acq: 02 Oct 2023 20:54

Tgt Ion: 136 Resp: 475745
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 7.7 11.5
68 7.1 4.6 6.8#

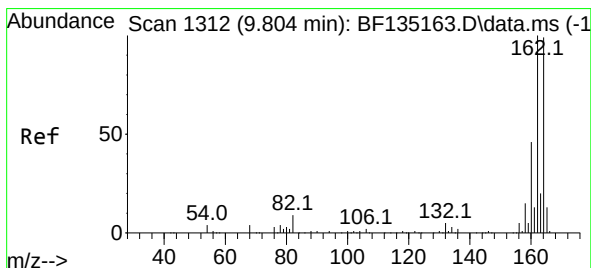
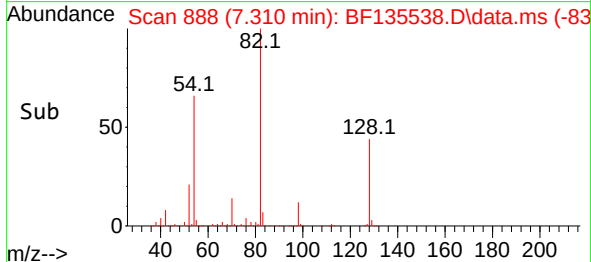
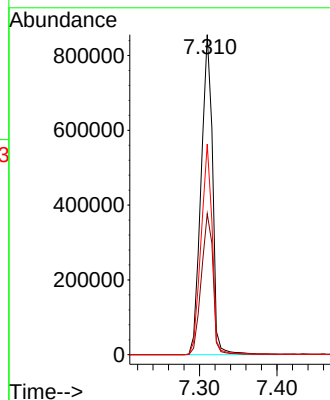
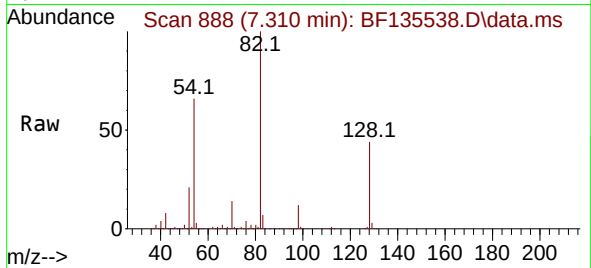




#23
 Nitrobenzene-d5
 Concen: 100.659 ng
 RT: 7.310 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF135538.D
 Acq: 02 Oct 2023 20:54

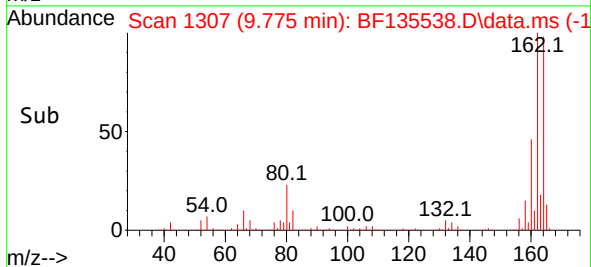
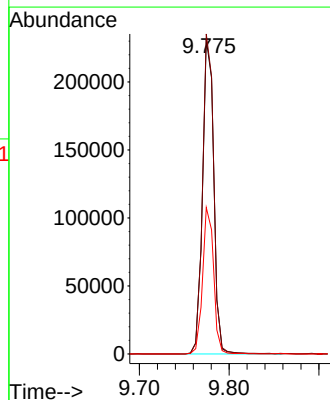
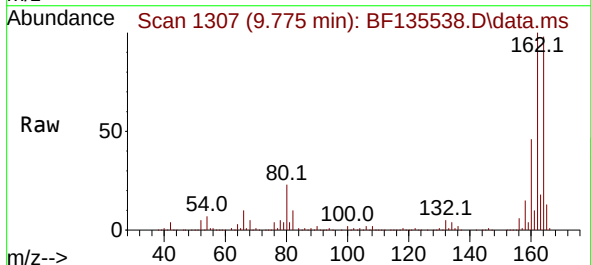
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2970

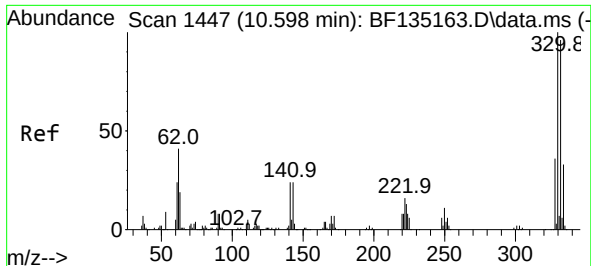
Tgt Ion: 82 Resp: 881435
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.8 53.6
 54 65.8 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.775 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BF135538.D
 Acq: 02 Oct 2023 20:54

Tgt Ion: 164 Resp: 200843
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.0 121.4
 160 46.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 119.755 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF135538.D

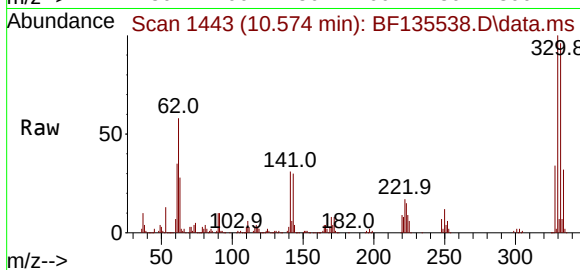
Acq: 02 Oct 2023 20:54

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A2970



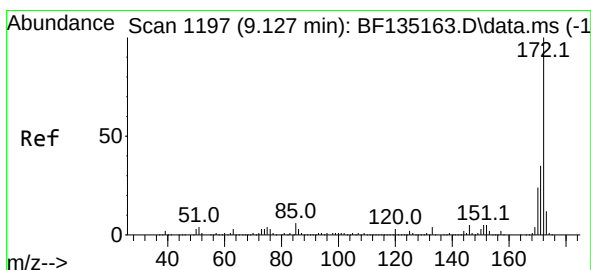
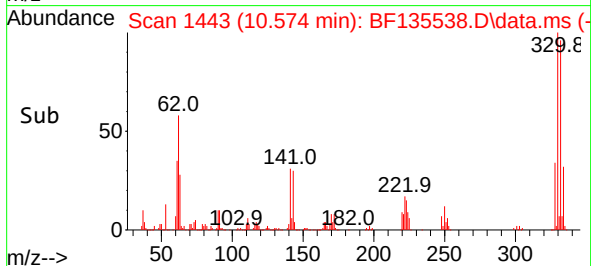
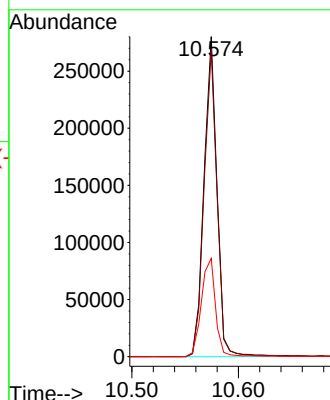
Tgt Ion:330 Resp: 239019

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 33.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 102.035 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF135538.D

Acq: 02 Oct 2023 20:54

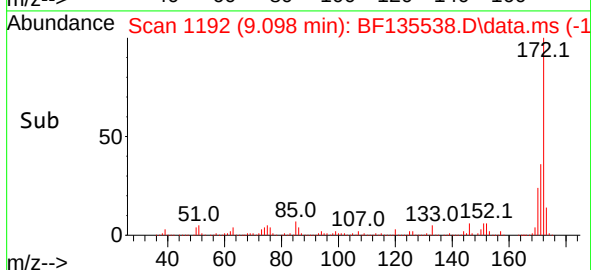
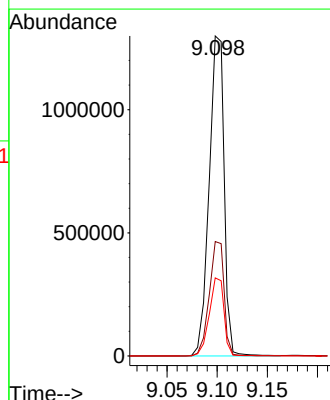
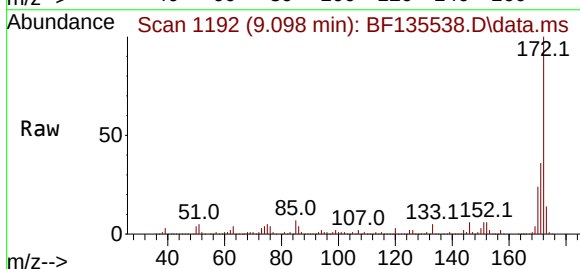
Tgt Ion:172 Resp: 1358307

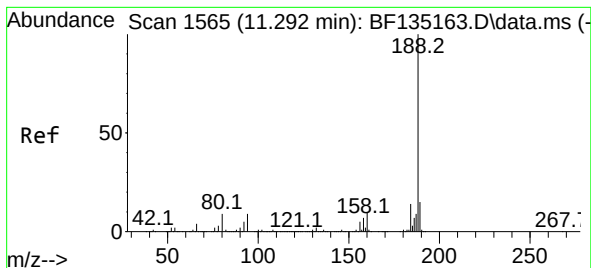
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135538.D

Acq: 02 Oct 2023 20:54

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A2970

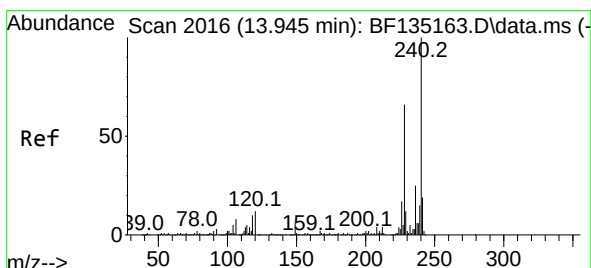
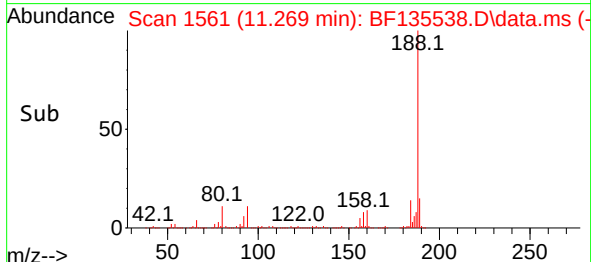
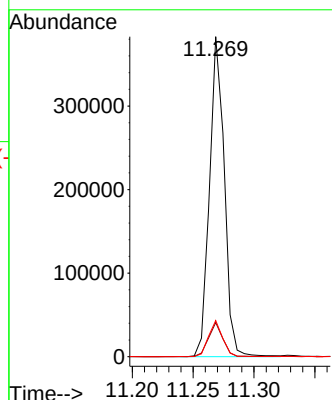
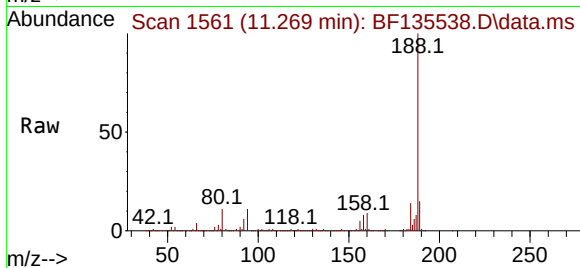
Tgt Ion:188 Resp: 323804

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.3 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135538.D

Acq: 02 Oct 2023 20:54

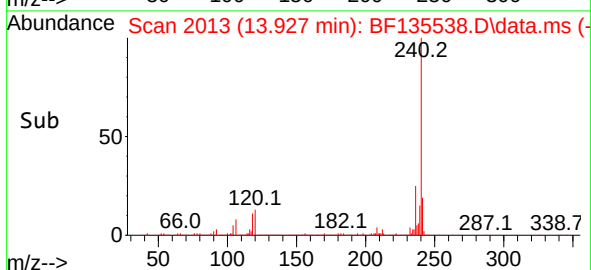
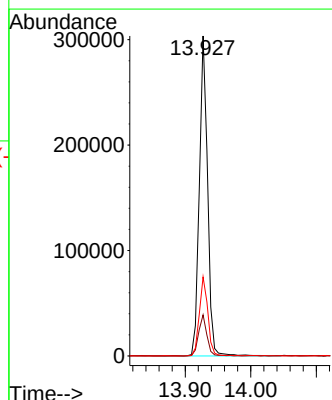
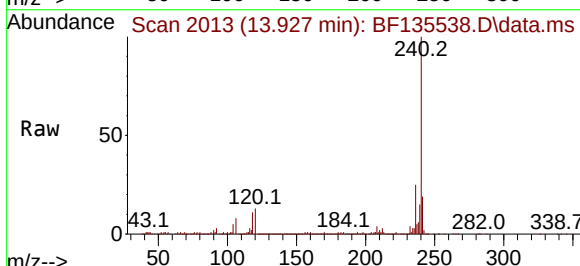
Tgt Ion:240 Resp: 266169

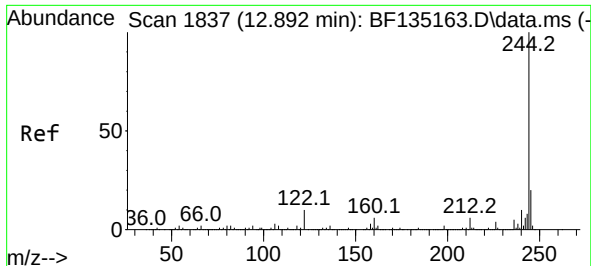
Ion Ratio Lower Upper

240 100

120 12.9 9.4 14.2

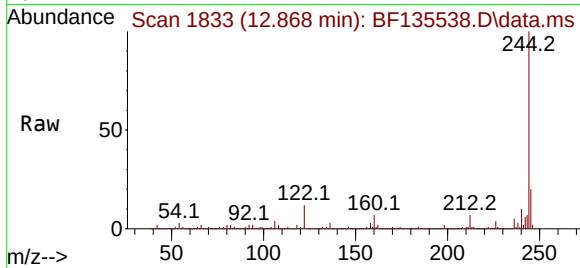
236 24.7 19.8 29.8



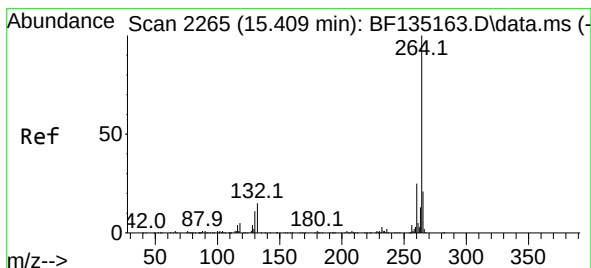
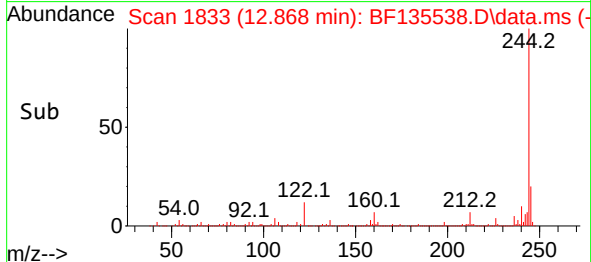
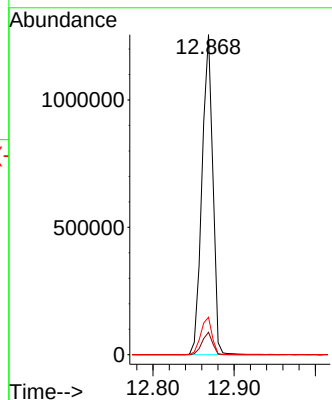


#79
 Terphenyl-d14
 Concen: 67.864 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135538.D
 Acq: 02 Oct 2023 20:54

Instrument :
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Tgt Ion:244 Resp: 1165224
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: BF135538.D
 Acq: 02 Oct 2023 20:54

Tgt Ion:264 Resp: 209719
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.0 17.0 25.4

