

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135431.D
 Acq On : 25 Sep 2023 17:21
 Operator : CG\JU
 Sample : 04574-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2421

Quant Time: Sep 26 01:43:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	166433	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	652911	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	318377	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	567879	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	255197	20.000	ng	0.00
86) Perylene-d12	15.398	264	300842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	668954	65.373	ng	0.00
7) Phenol-d6	6.398	99	544734	41.865	ng	0.00
23) Nitrobenzene-d5	7.322	82	1099434	91.485	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	369463	116.775	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1751011	82.977	ng	0.00
79) Terphenyl-d14	12.880	244	1423976	86.499	ng	0.00

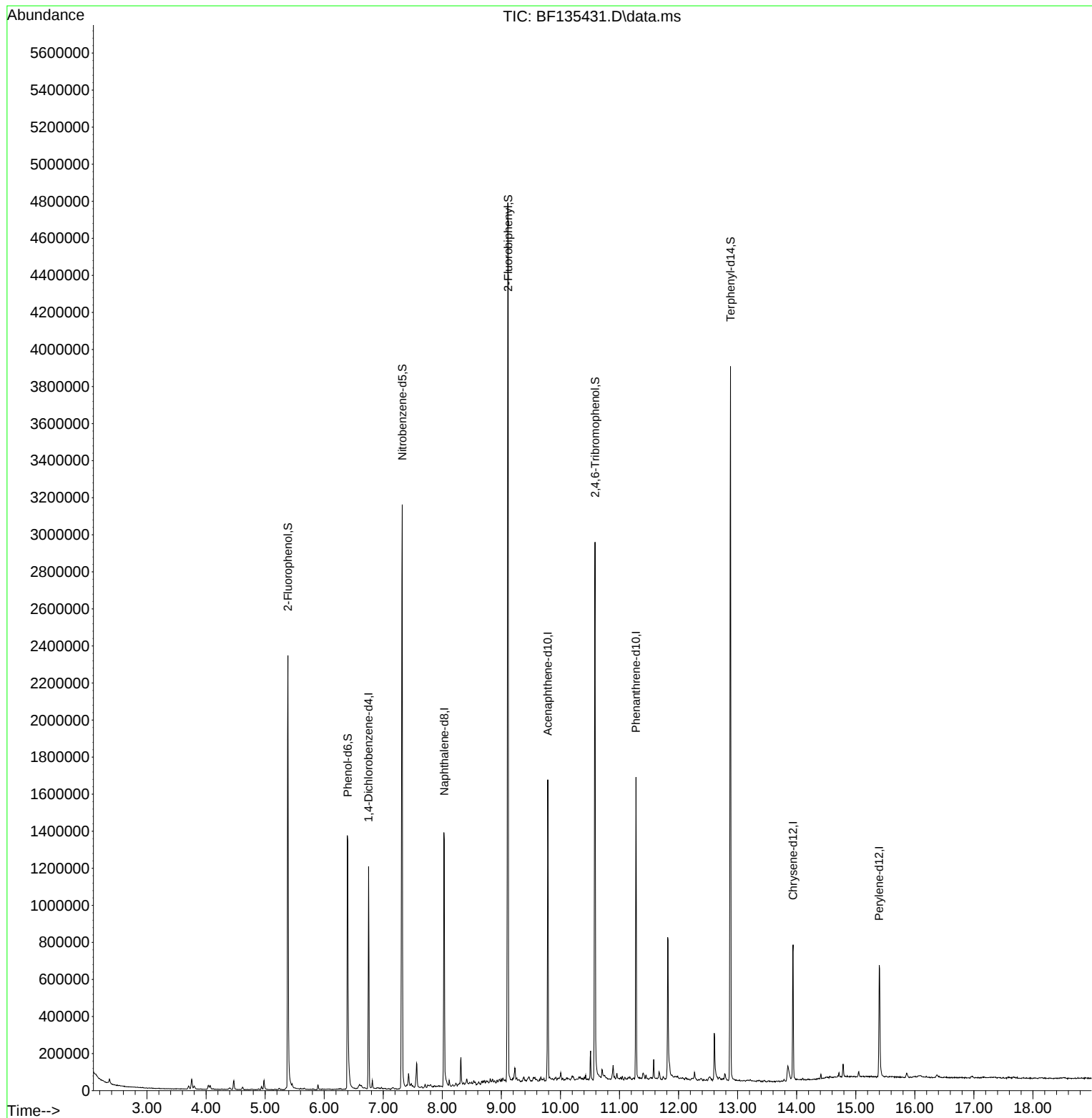
Target Compounds	Qvalue

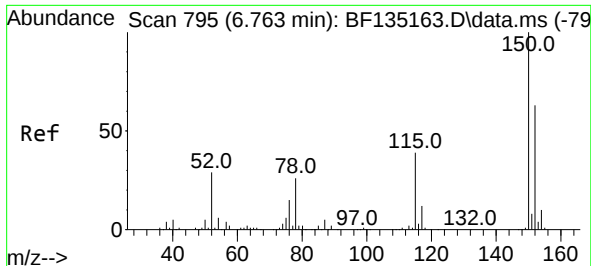
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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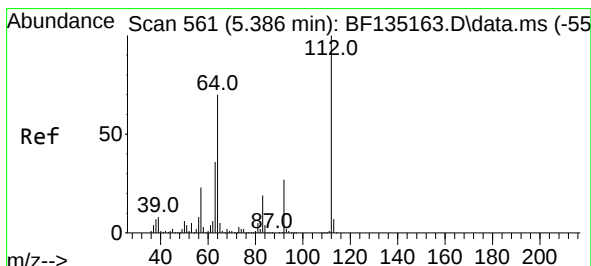
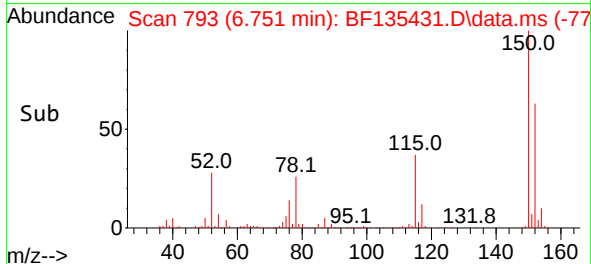
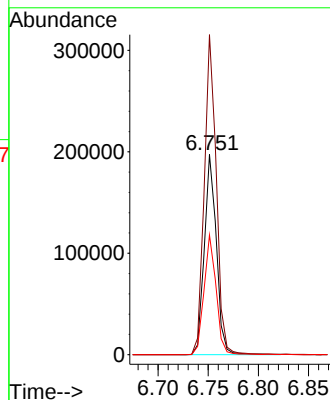
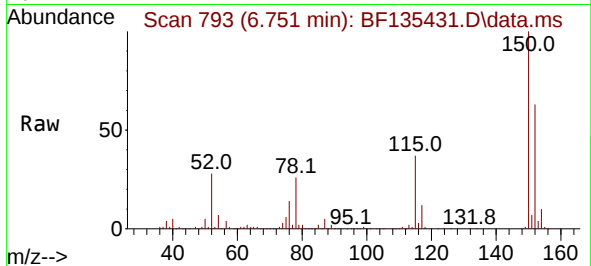




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

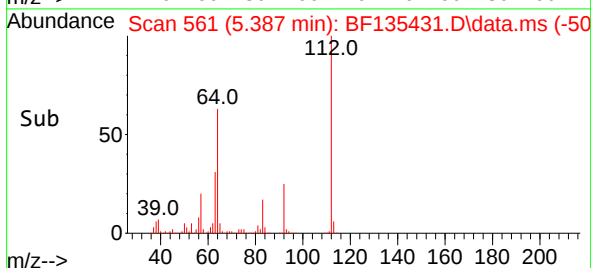
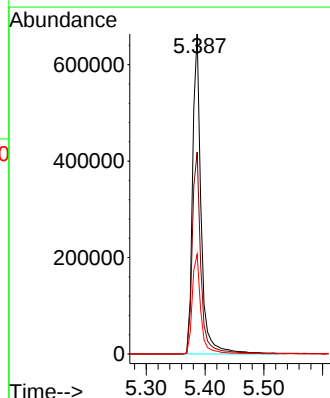
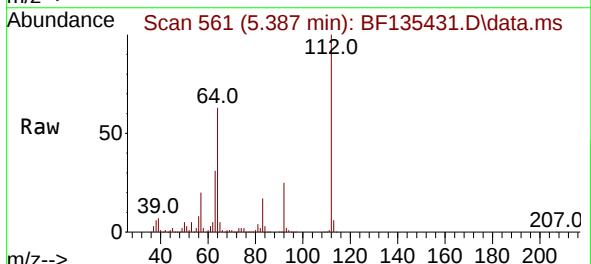
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A2421

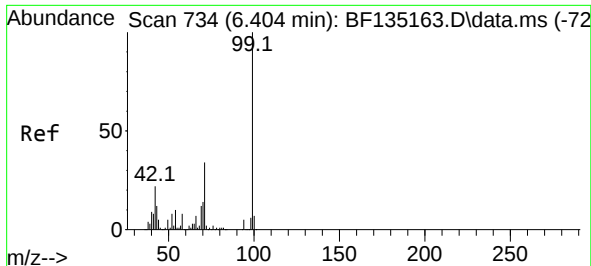
Tgt Ion:152 Resp: 166433
Ion Ratio Lower Upper
152 100
150 159.9 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 65.373 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Tgt Ion:112 Resp: 668954
Ion Ratio Lower Upper
112 100
64 63.1 55.9 83.9
63 31.1 29.0 43.6

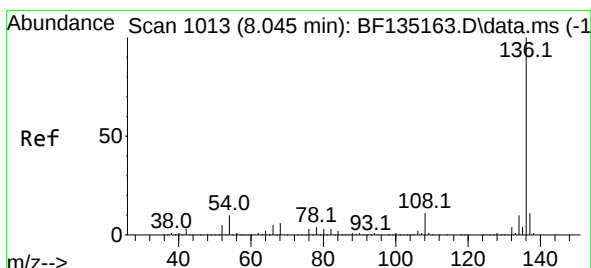
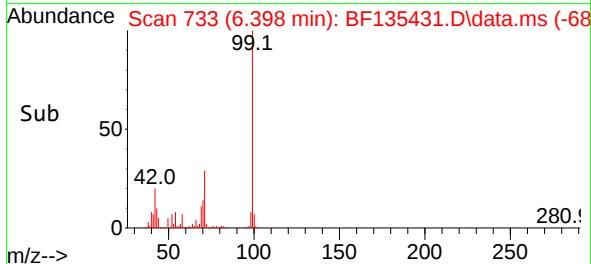
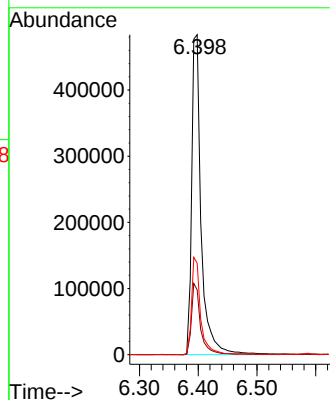
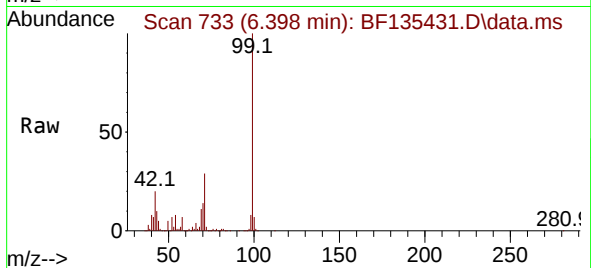




#7
Phenol-d6
Concen: 41.865 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

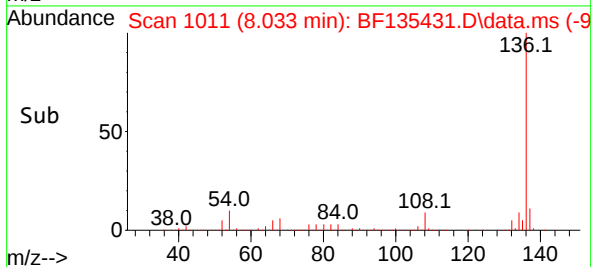
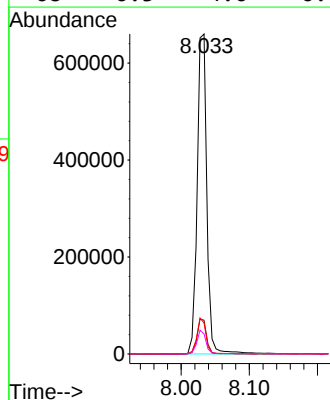
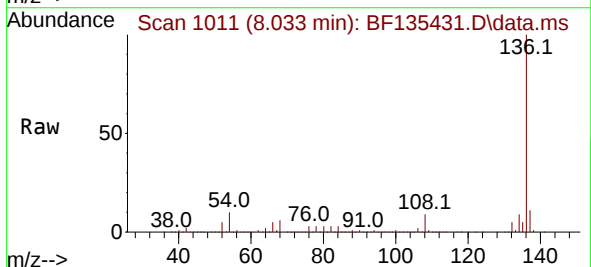
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A2421

Tgt Ion: 99 Resp: 544734
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 28.6 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

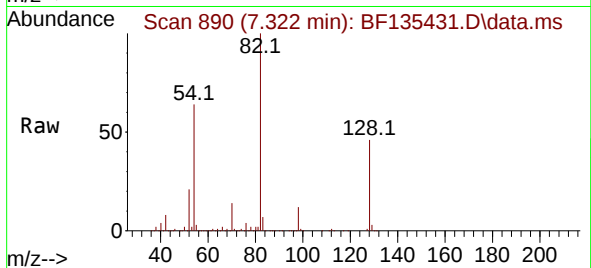
Tgt Ion: 136 Resp: 652911
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.7 7.7 11.5
68 6.3 4.6 6.8



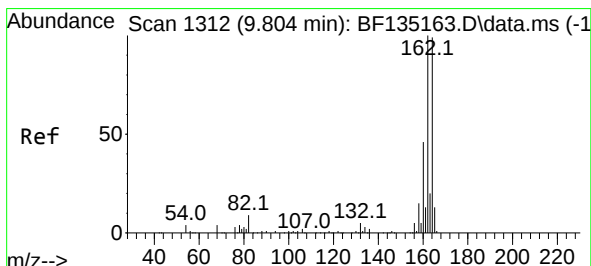
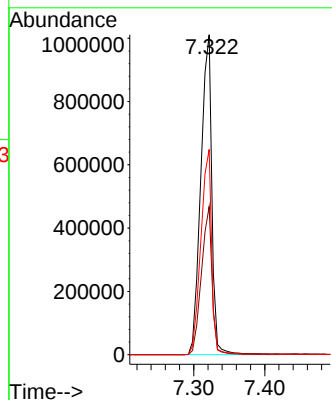
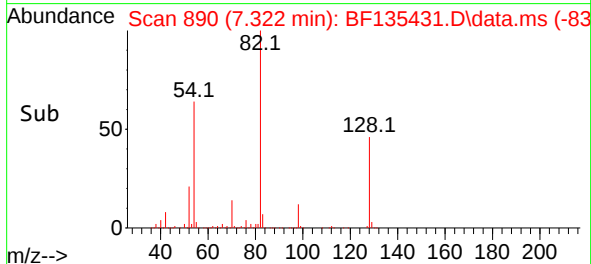


#23
Nitrobenzene-d5
Concen: 91.485 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A2421

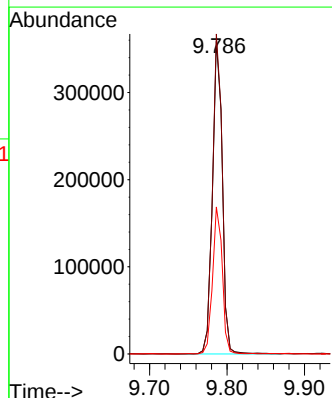
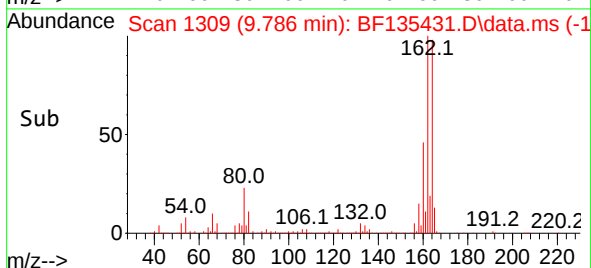
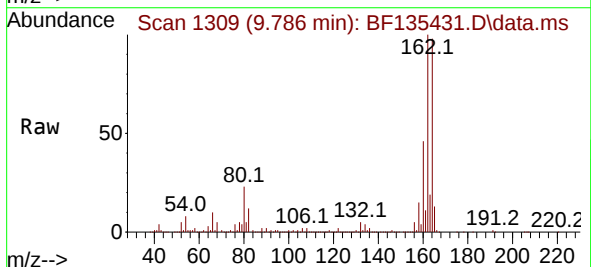


Tgt Ion: 82 Resp: 1099434
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 64.1 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135431.D
Acq: 25 Sep 2023 17:21

Tgt Ion: 164 Resp: 318377
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 47.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 116.775 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135431.D

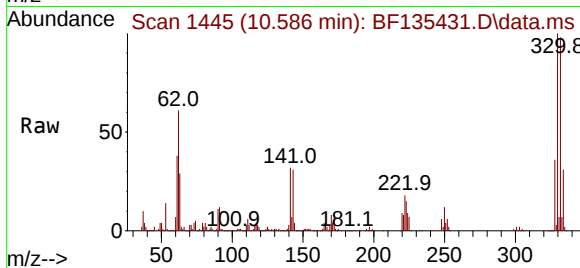
Acq: 25 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A2421



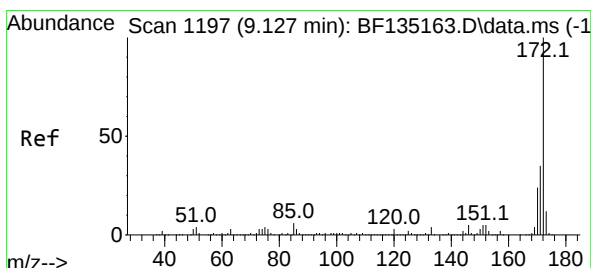
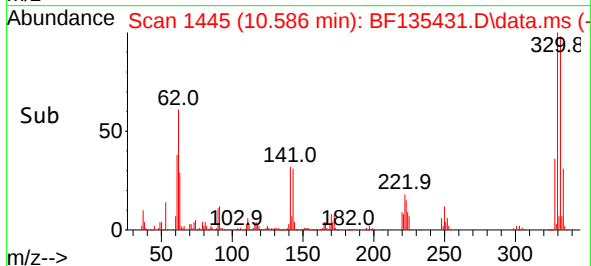
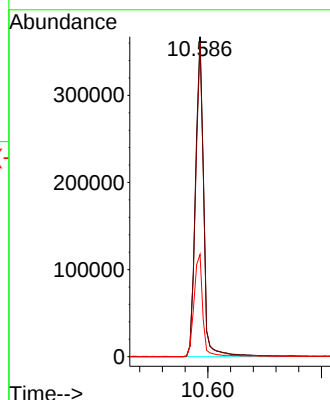
Tgt Ion:330 Resp: 369463

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 82.977 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135431.D

Acq: 25 Sep 2023 17:21

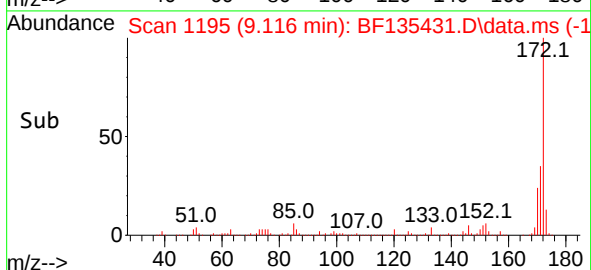
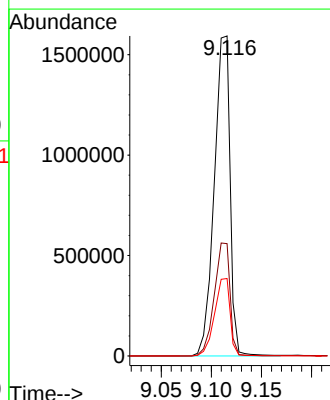
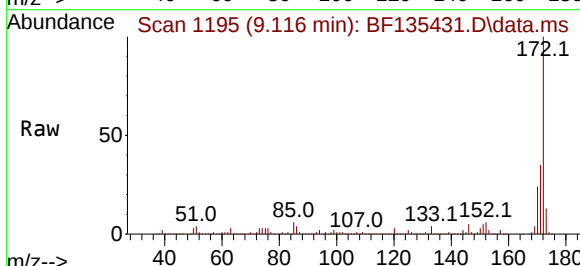
Tgt Ion:172 Resp: 1751011

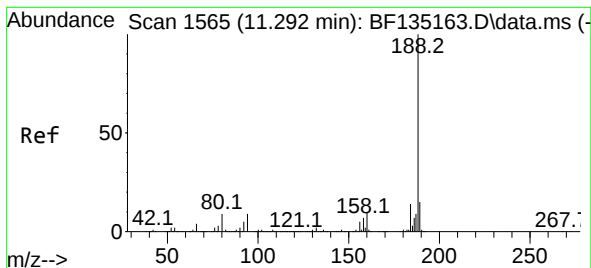
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135431.D

Acq: 25 Sep 2023 17:21

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-A2421

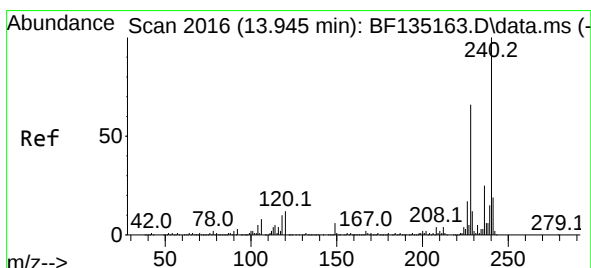
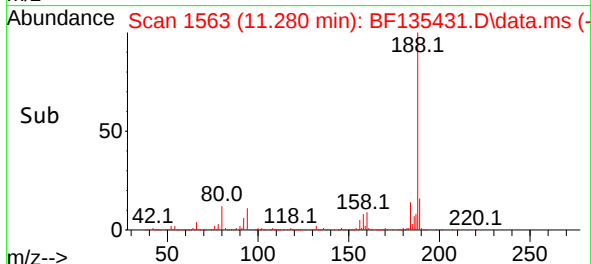
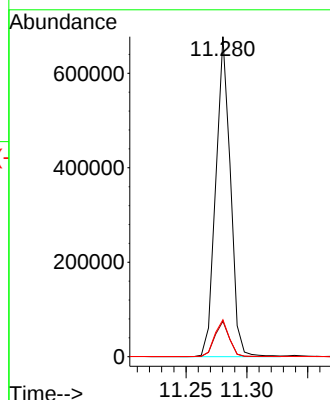
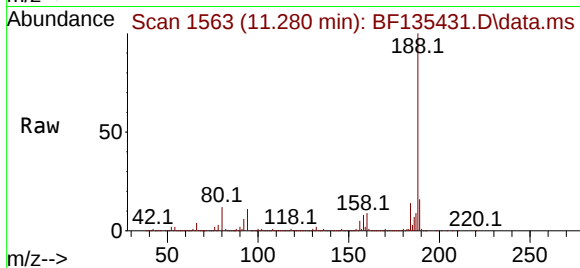
Tgt Ion:188 Resp: 567879

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.6 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135431.D

Acq: 25 Sep 2023 17:21

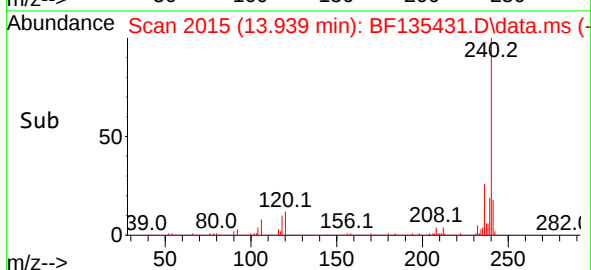
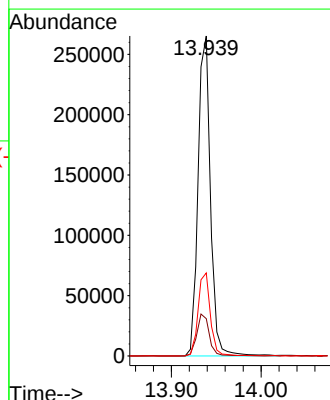
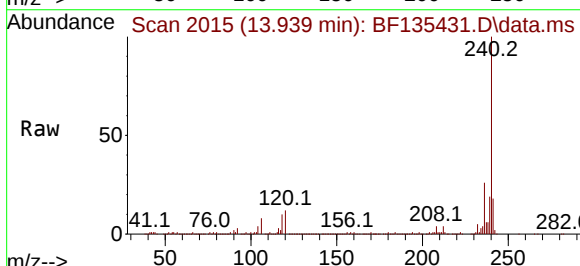
Tgt Ion:240 Resp: 255197

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

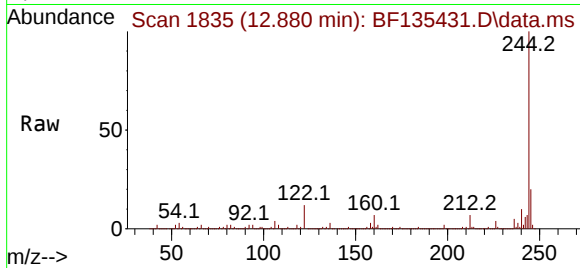
236 26.0 19.8 29.8



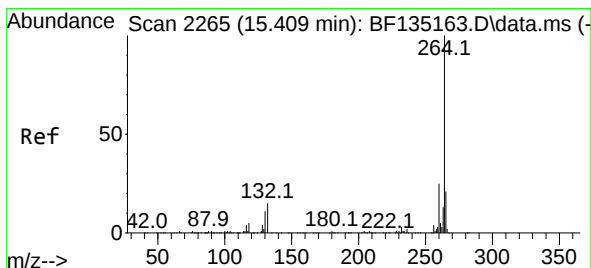
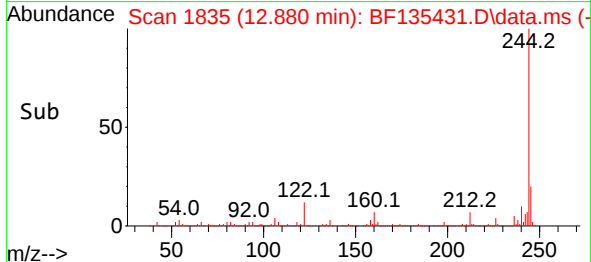
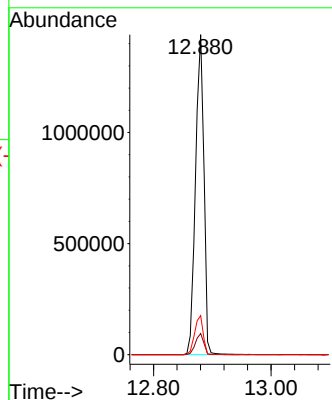


#79
 Terphenyl-d14
 Concen: 86.499 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135431.D
 Acq: 25 Sep 2023 17:21

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A2421



Tgt Ion:244 Resp: 1423976
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. -0.006 min
 Lab File: BF135431.D
 Acq: 25 Sep 2023 17:21

Tgt Ion:264 Resp: 300842
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 21.2 17.0 25.4

