

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137663.D
 Acq On : 21 Mar 2024 16:27
 Operator : CG\JU
 Sample : P1803-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PIT

Quant Time: Mar 21 16:58:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	126470	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	482042	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	250370	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	375418	20.000	ng	0.00
76) Chrysene-d12	13.874	240	271064	20.000	ng	0.00
86) Perylene-d12	15.298	264	269614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1005928	120.465	ng	0.01
7) Phenol-d6	6.363	99	1199804	99.539	ng	0.00
23) Nitrobenzene-d5	7.292	82	881076	84.927	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	291697	132.669	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1474179	92.169	ng	0.00
79) Terphenyl-d14	12.827	244	1341138	68.036	ng	0.00

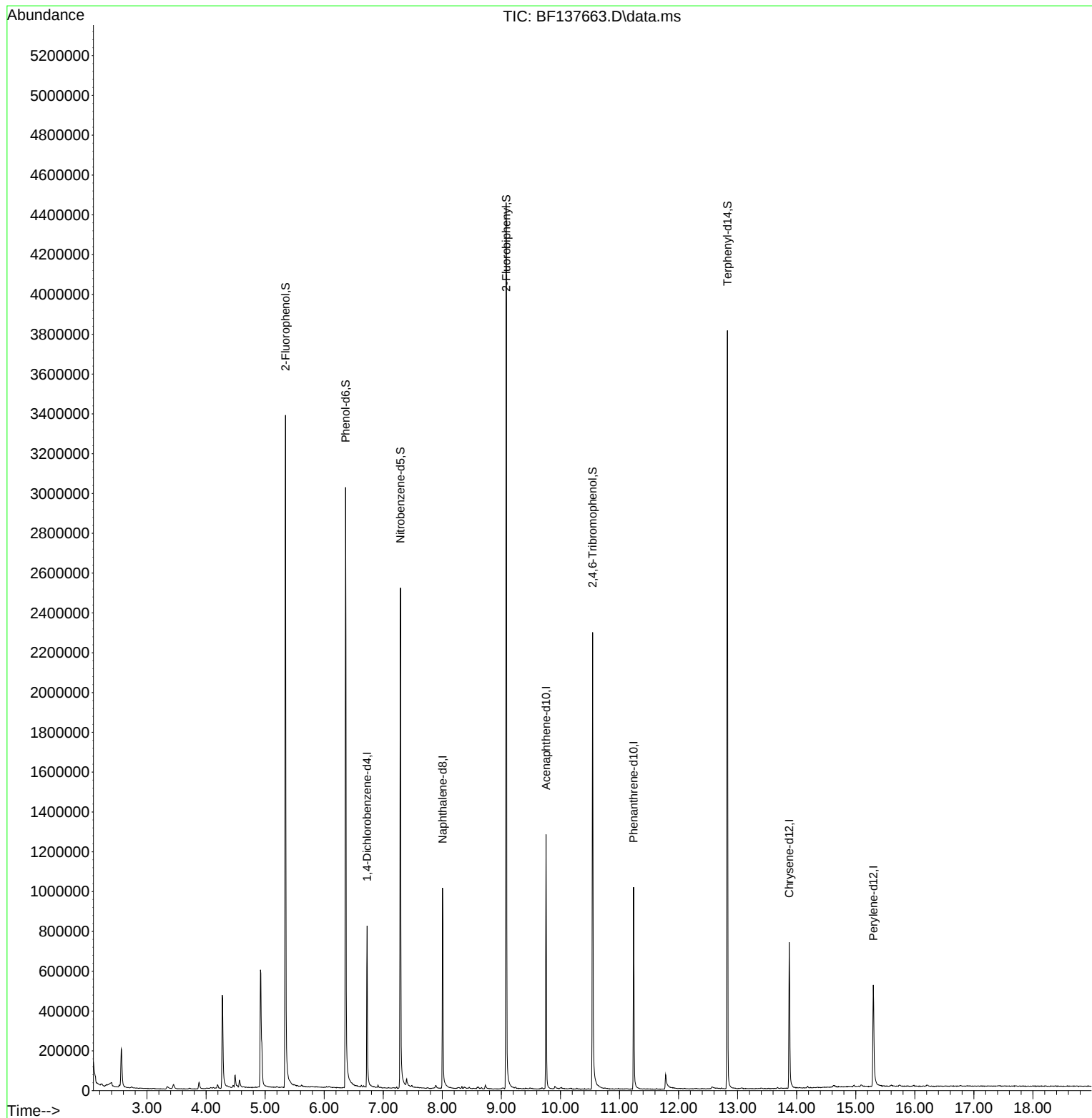
Target Compounds	Qvalue

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

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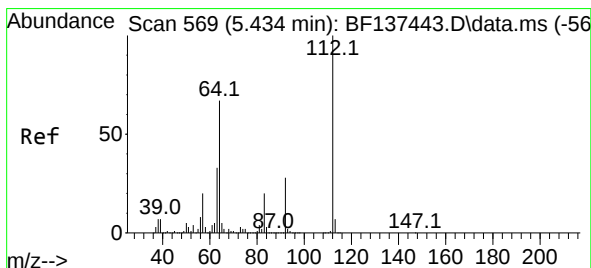
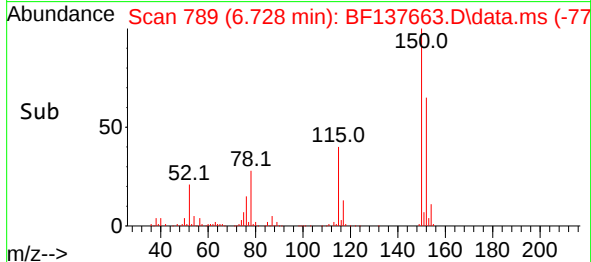
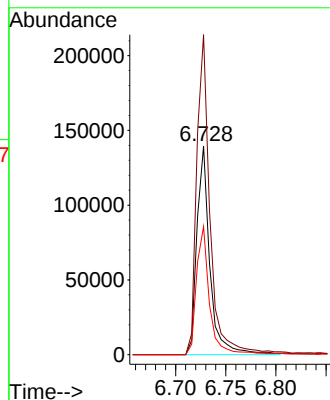
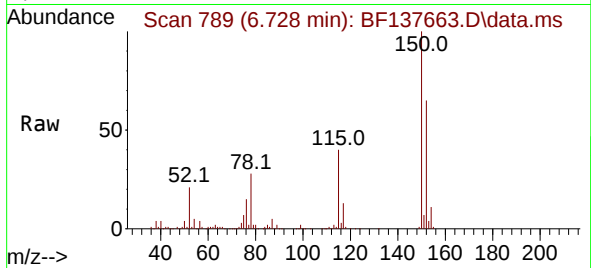




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

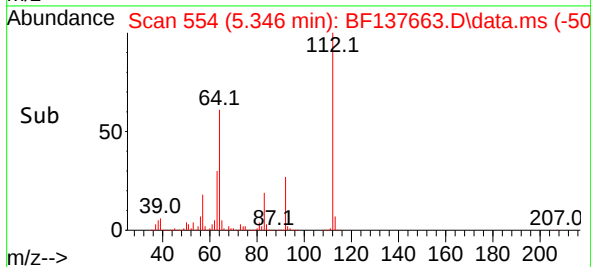
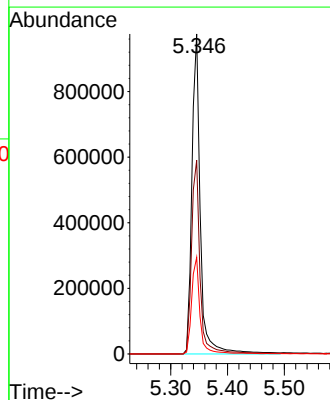
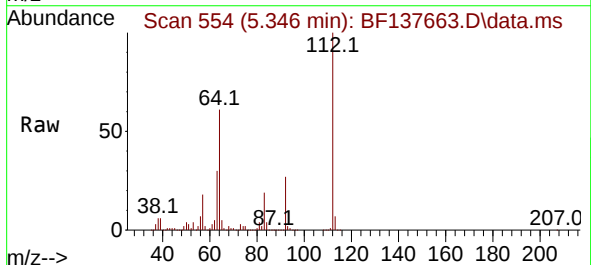
Instrument :
BNA_F
ClientSampleId :
TRENCH-PIT

Tgt Ion:152 Resp: 126470
Ion Ratio Lower Upper
152 100
150 153.3 125.8 188.6
115 61.4 48.8 73.2



#5
2-Fluorophenol
Concen: 120.465 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

Tgt Ion:112 Resp: 1005928
Ion Ratio Lower Upper
112 100
64 60.6 53.4 80.2
63 30.2 26.2 39.2

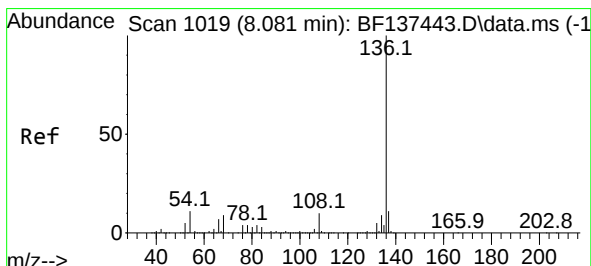
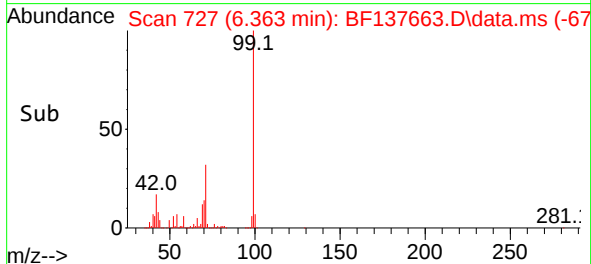
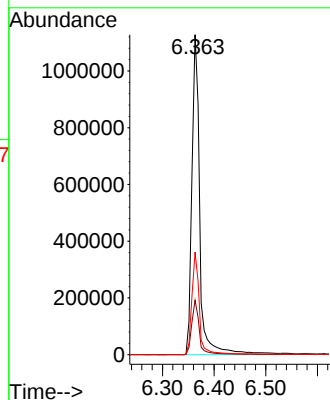
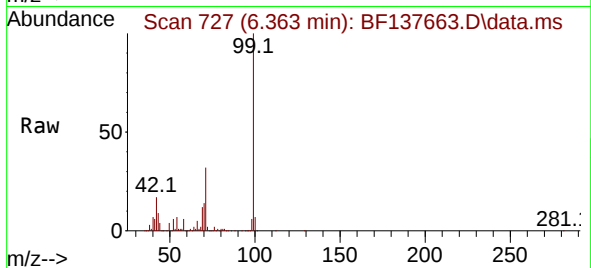




#7
Phenol-d6
Concen: 99.539 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

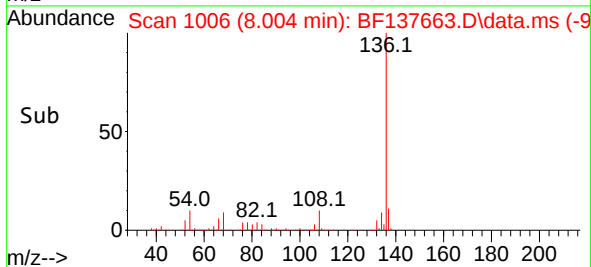
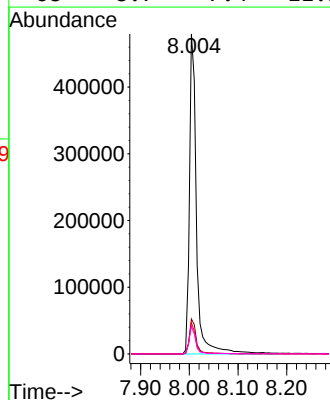
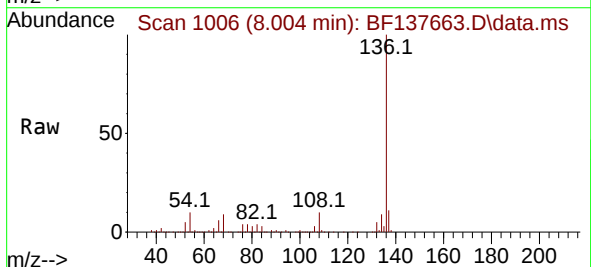
Instrument :
BNA_F
ClientSampleId :
TRENCH-PIT

Tgt Ion: 99 Resp: 1199804
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 32.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 136 Resp: 482042
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.8 8.5 12.7
68 8.7 7.4 11.2

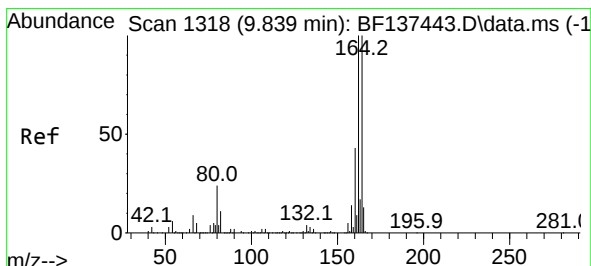
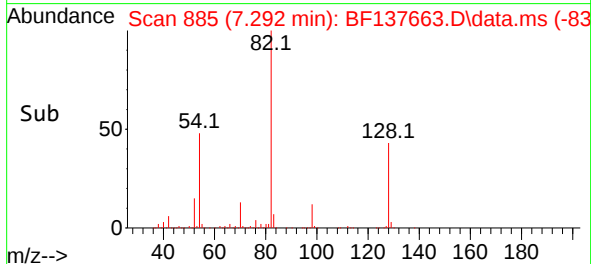
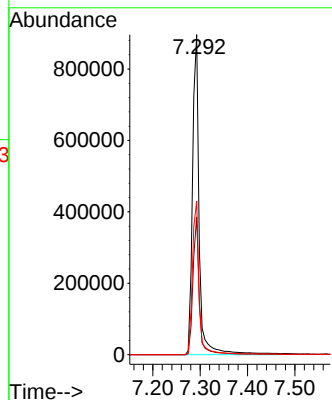
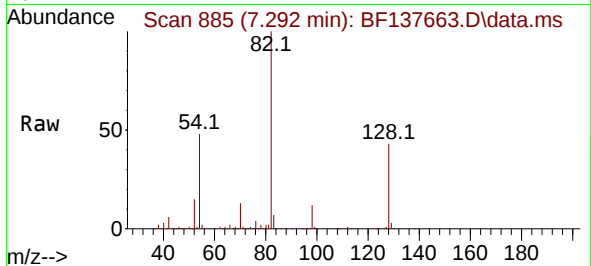




#23
Nitrobenzene-d5
Concen: 84.927 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

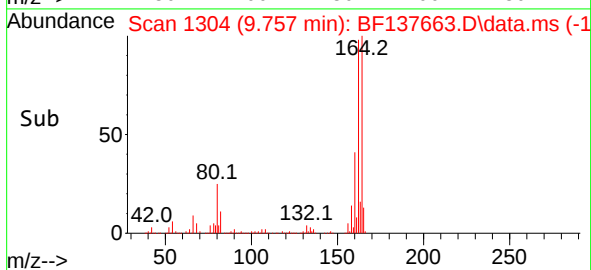
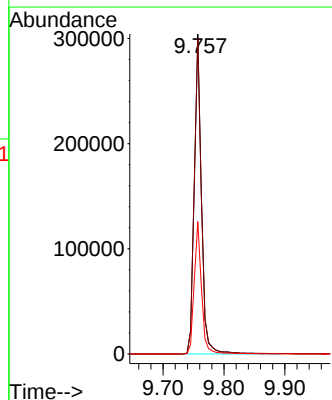
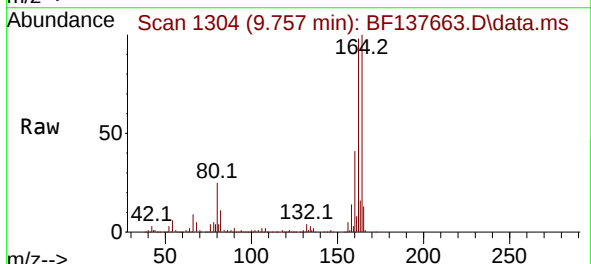
Instrument :
BNA_F
ClientSampleId :
TRENCH-PIT

Tgt Ion: 82 Resp: 881076
Ion Ratio Lower Upper
82 100
128 43.1 32.5 48.7
54 48.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

Tgt Ion: 164 Resp: 250370
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 41.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.669 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137663.D

Acq: 21 Mar 2024 16:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-PIT

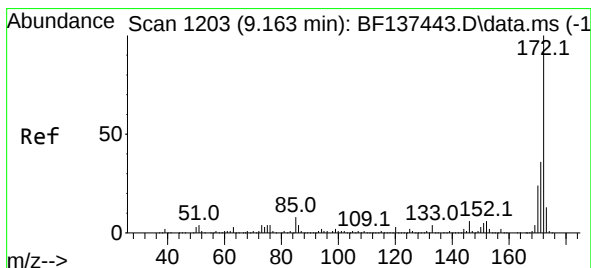
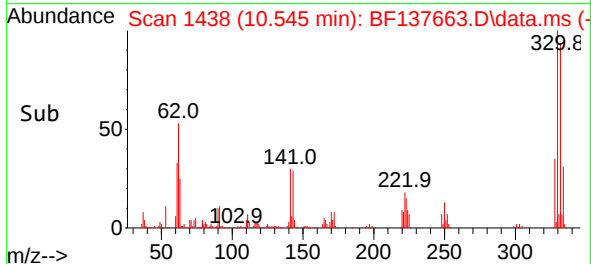
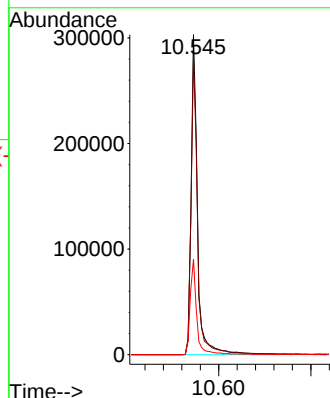
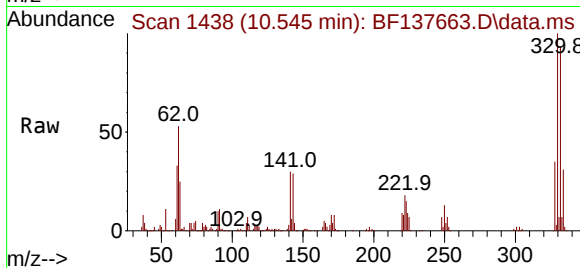
Tgt Ion:330 Resp: 291697

Ion Ratio Lower Upper

330 100

332 94.1 78.0 117.0

141 30.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 92.169 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137663.D

Acq: 21 Mar 2024 16:27

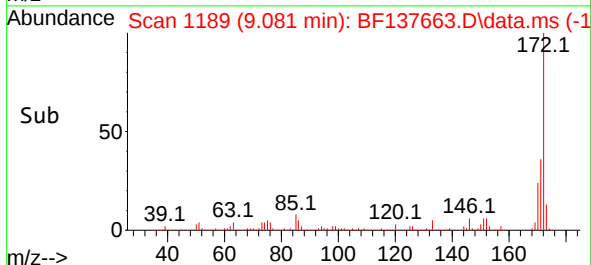
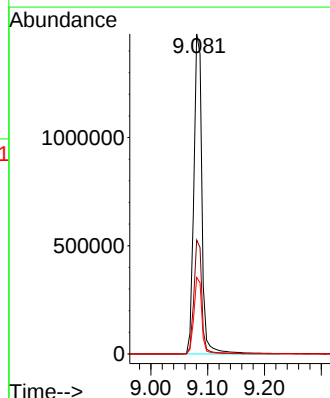
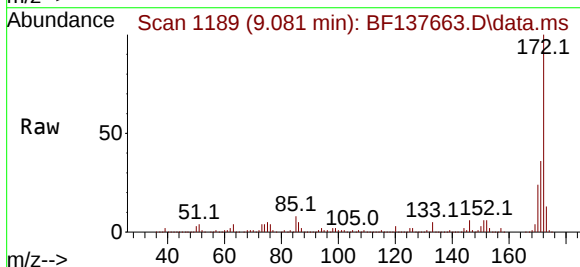
Tgt Ion:172 Resp: 1474179

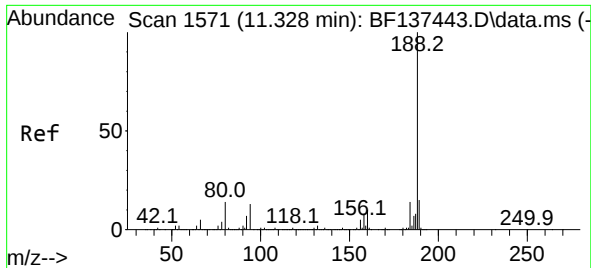
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.9 19.0 28.6

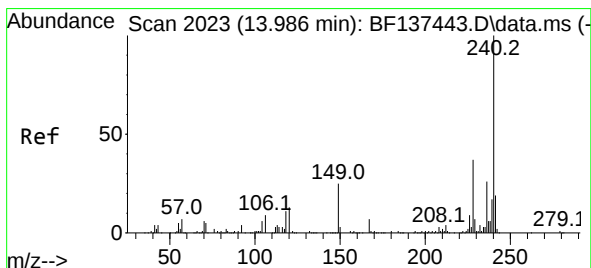
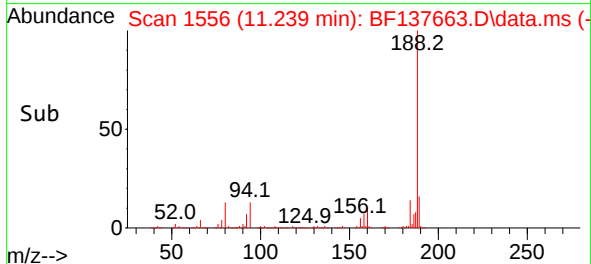
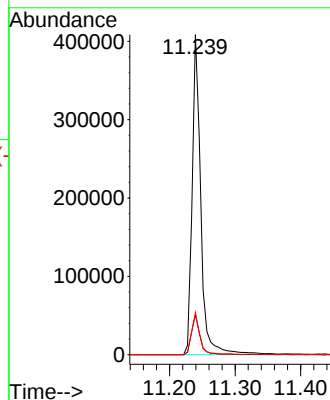
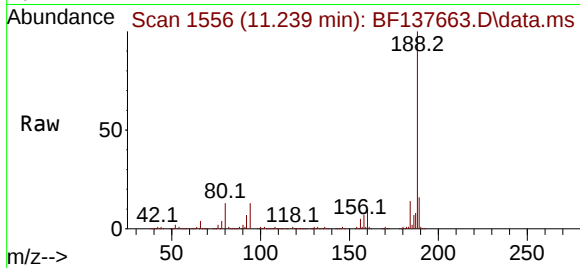




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

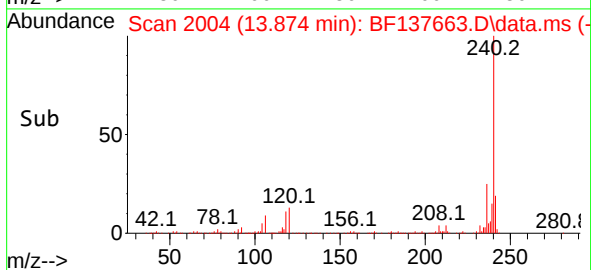
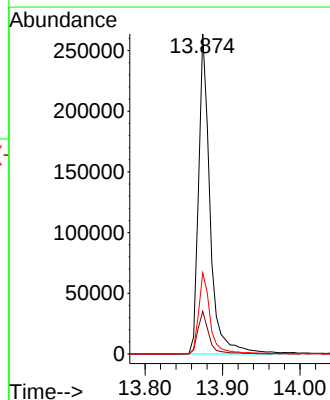
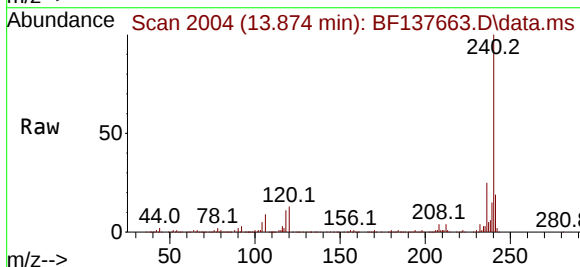
Instrument :
BNA_F
ClientSampleId :
TRENCH-PIT

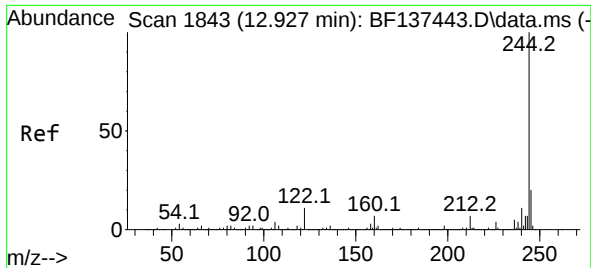
Tgt Ion:188 Resp: 375418
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 13.2 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137663.D
Acq: 21 Mar 2024 16:27

Tgt Ion:240 Resp: 271064
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 25.3 20.9 31.3

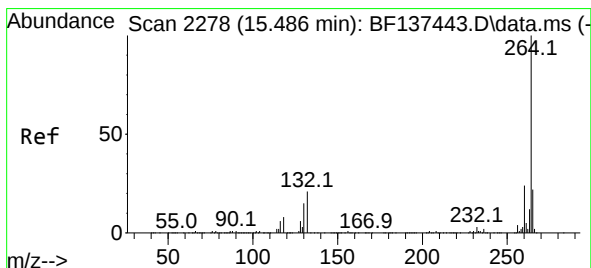
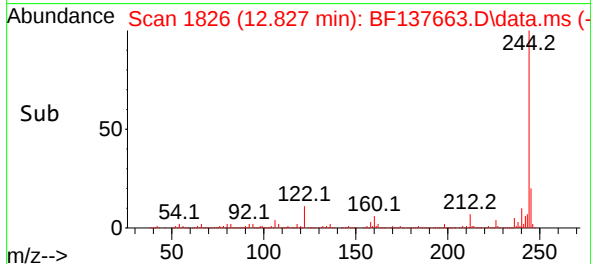
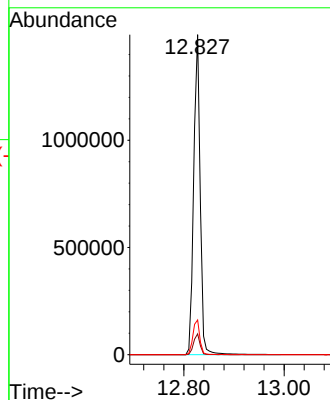
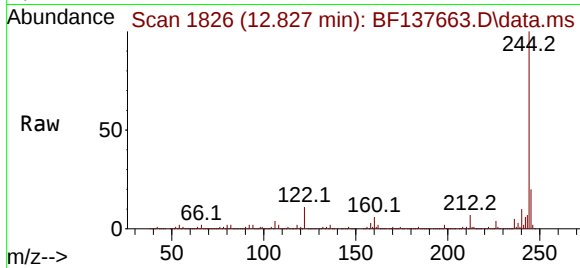




#79
 Terphenyl-d14
 Concen: 68.036 ng
 RT: 12.827 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF137663.D
 Acq: 21 Mar 2024 16:27

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PIT

Tgt Ion:244 Resp: 1341138
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF137663.D
 Acq: 21 Mar 2024 16:27

Tgt Ion:264 Resp: 269614
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.0 17.4 26.0

