

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137205.D
 Acq On : 31 Jan 2024 12:36
 Operator : CG\JU
 Sample : P1276-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: Feb 01 01:12:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	48346	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	185434	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	101206	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	182590	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	140653	20.000	ng	0.00
86) Perylene-d12	15.445	264	165283	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327126	111.650	ng	0.00
7) Phenol-d6	6.422	99	421511	100.809	ng	0.00
23) Nitrobenzene-d5	7.351	82	286522	69.179	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	116825	102.212	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	516119	70.104	ng	0.00
79) Terphenyl-d14	12.916	244	541949	52.381	ng	0.00

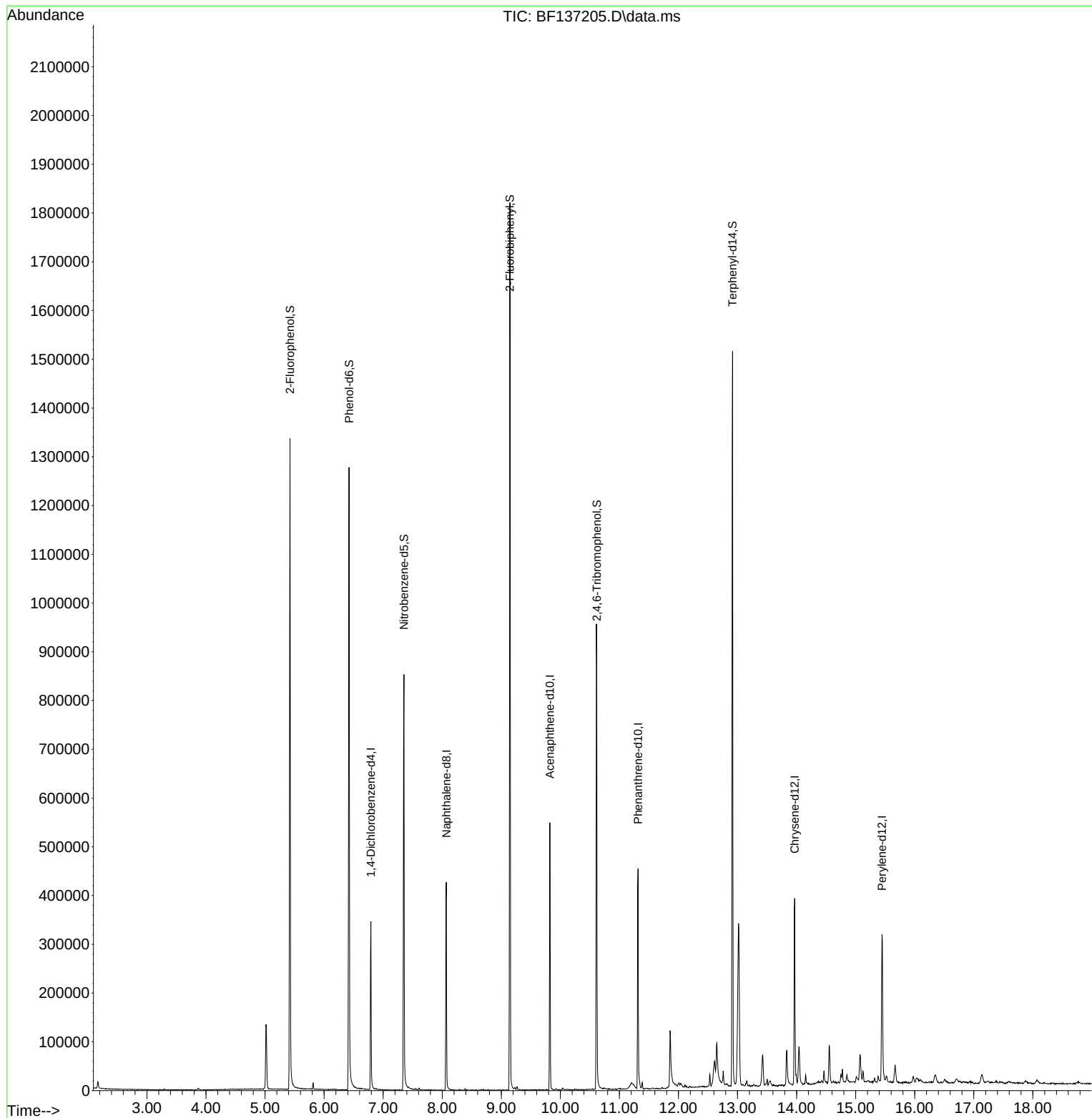
Target Compounds Qvalue

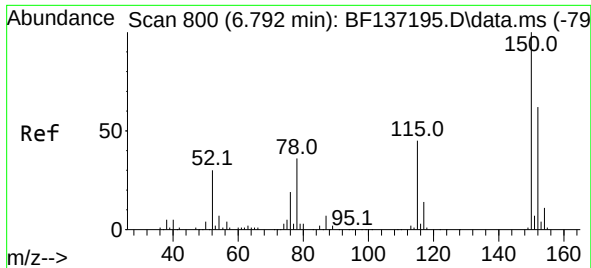
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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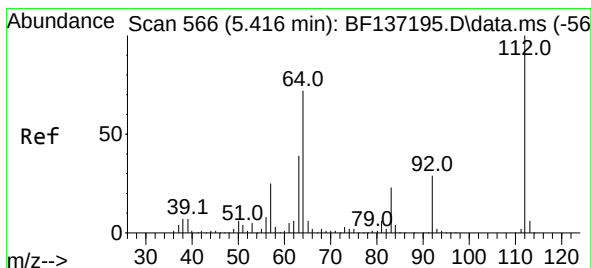
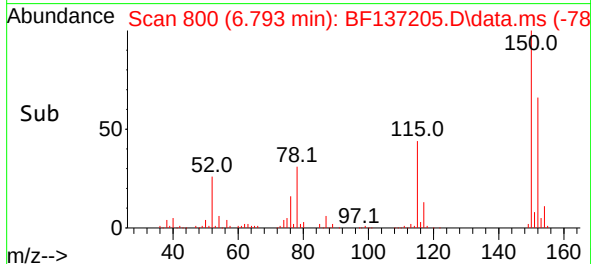
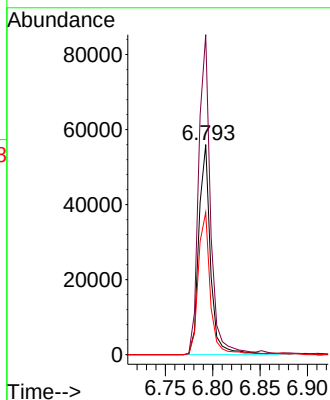
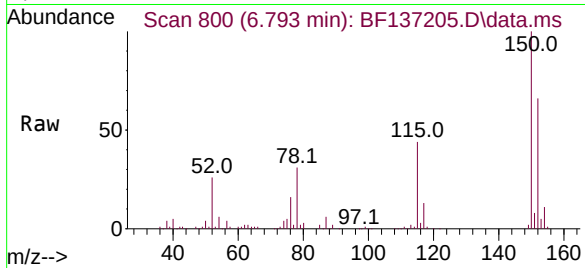




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137205.D
Acq: 31 Jan 2024 12:36

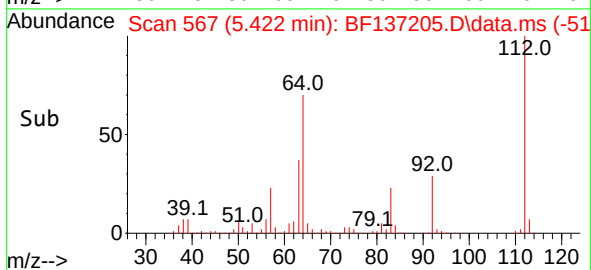
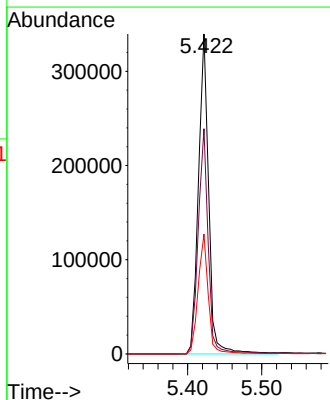
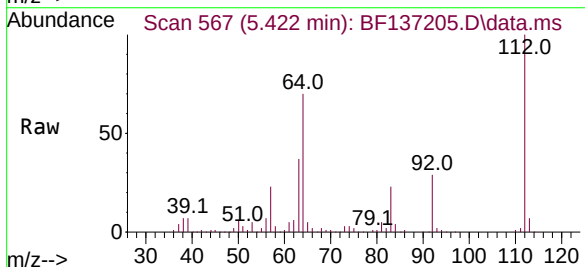
Instrument :
BNA_F
ClientSampleId :
TP-38

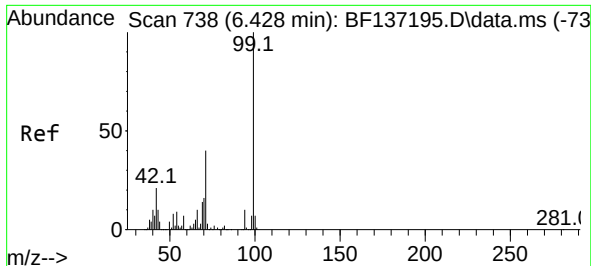
Tgt Ion:152 Resp: 48346
Ion Ratio Lower Upper
152 100
150 152.4 129.8 194.8
115 67.7 58.5 87.7



#5
2-Fluorophenol
Concen: 111.650 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137205.D
Acq: 31 Jan 2024 12:36

Tgt Ion:112 Resp: 327126
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.6
63 37.4 31.4 47.0





#7
Phenol-d6
Concen: 100.809 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF137205.D
Acq: 31 Jan 2024 12:36

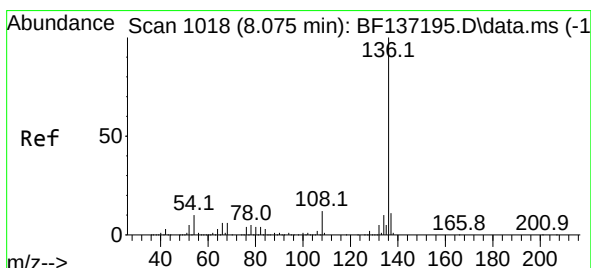
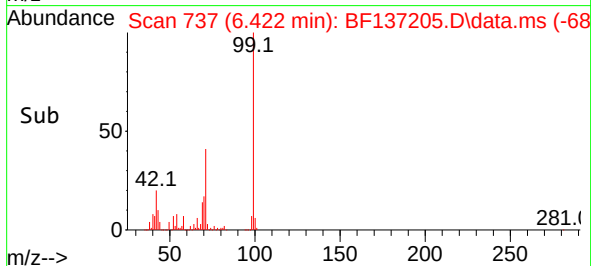
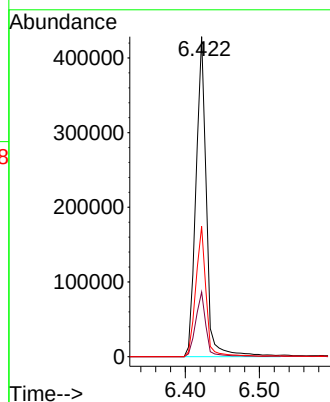
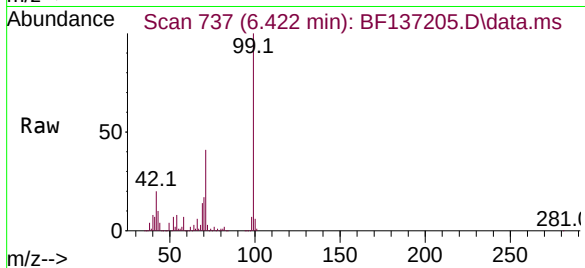
Instrument :

BNA_F

ClientSampleId :

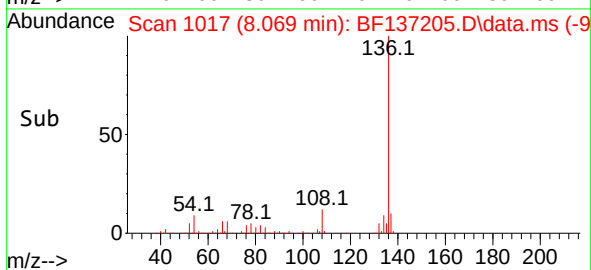
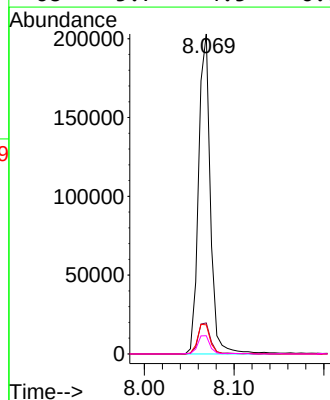
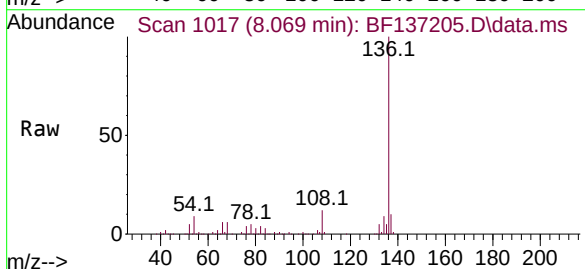
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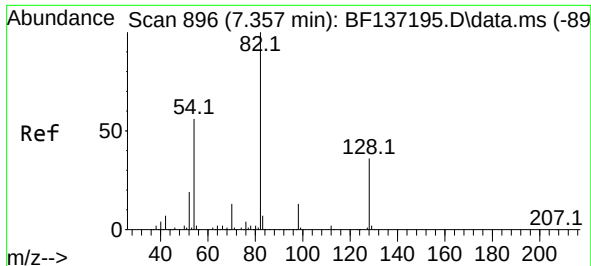
Tgt Ion: 99 Resp: 421511
Ion Ratio Lower Upper
99 100
42 20.2 16.4 24.6
71 40.7 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137205.D
Acq: 31 Jan 2024 12:36

Tgt Ion: 136 Resp: 185434
Ion Ratio Lower Upper
136 100
137 9.7 8.9 13.3
54 9.1 7.8 11.8
68 5.7 4.5 6.7

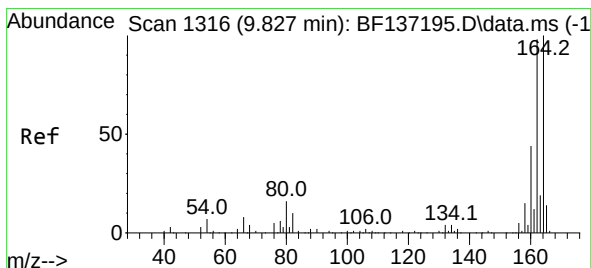
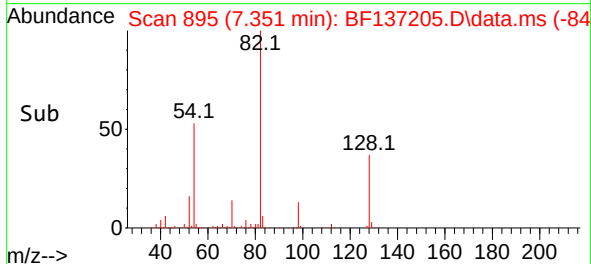
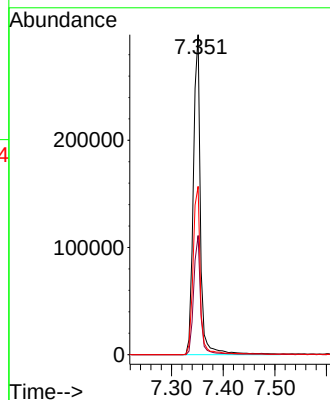
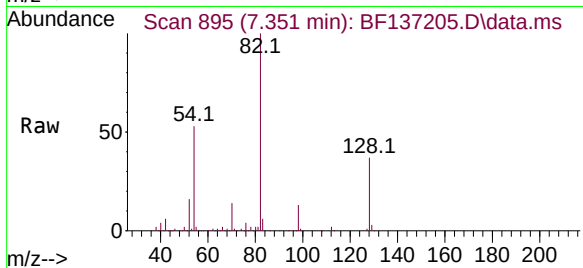




#23
Nitrobenzene-d5
Concen: 69.179 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137205.D
Acq: 31 Jan 2024 12:36

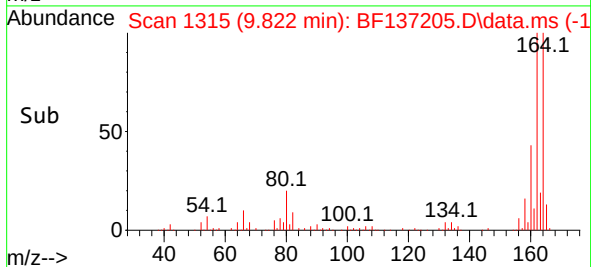
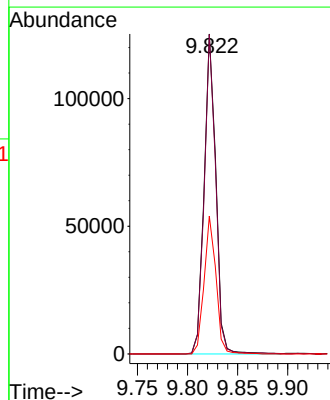
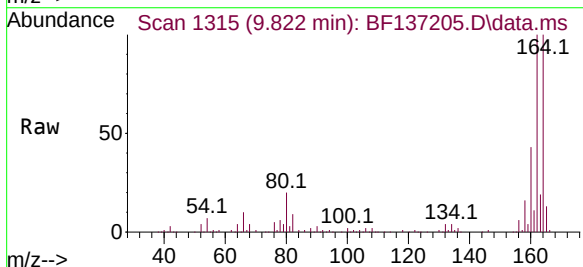
Instrument :
BNA_F
ClientSampleId :
TP-38

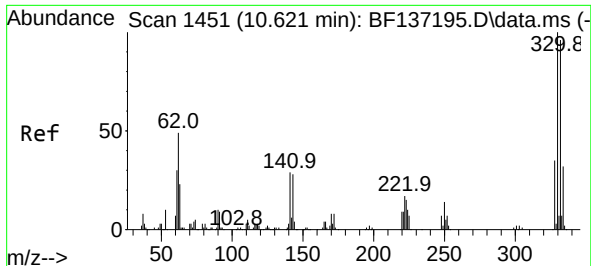
Tgt Ion: 82 Resp: 286522
Ion Ratio Lower Upper
82 100
128 37.2 29.1 43.7
54 52.6 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137205.D
Acq: 31 Jan 2024 12:36

Tgt Ion:164 Resp: 101206
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 43.1 35.4 53.2

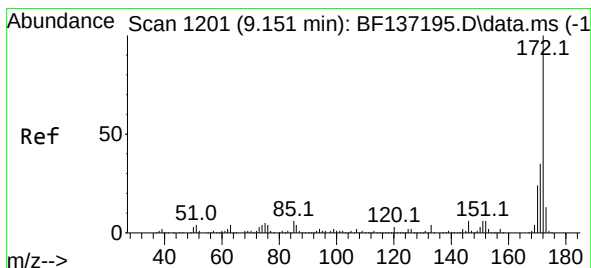
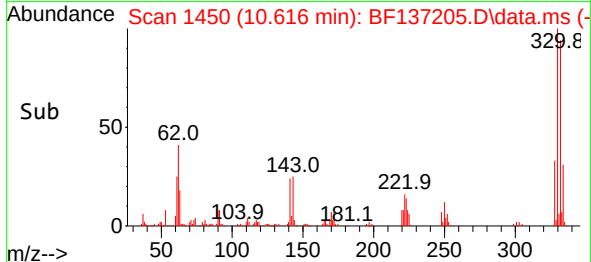
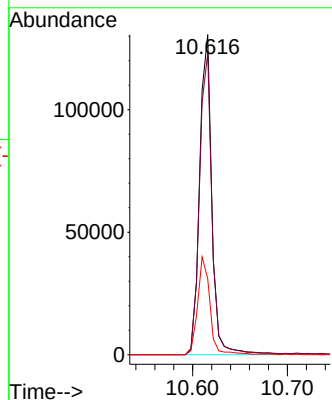
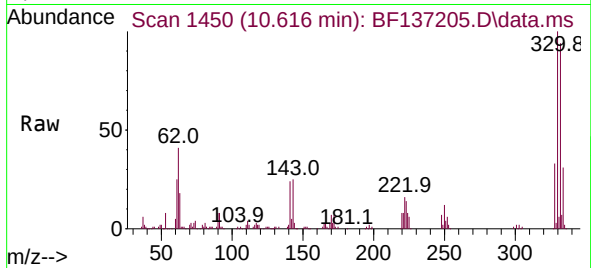




#42
 2,4,6-Tribromophenol
 Concen: 102.212 ng
 RT: 10.616 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF137205.D
 Acq: 31 Jan 2024 12:36

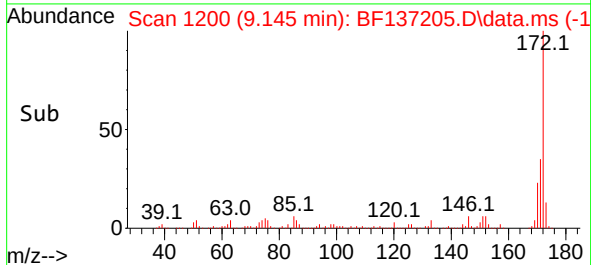
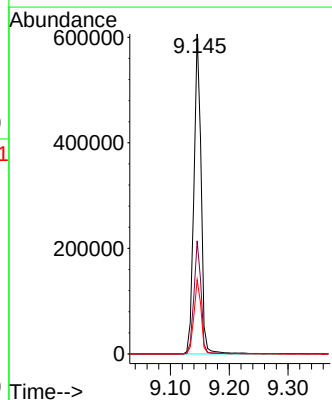
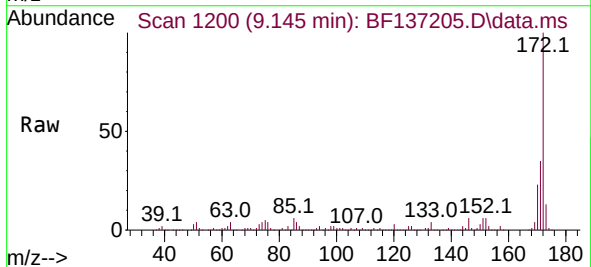
Instrument :
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 ClientSampleId :
 TP-38

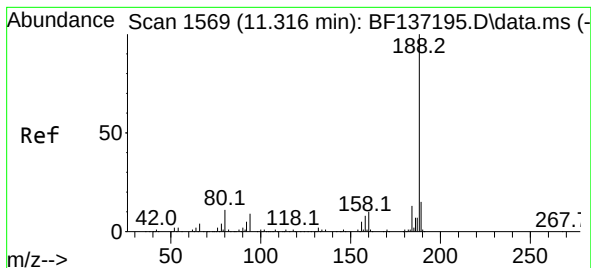
Tgt Ion:330 Resp: 116825
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 30.5 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 70.104 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF137205.D
 Acq: 31 Jan 2024 12:36

Tgt Ion:172 Resp: 516119
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137205.D

Acq: 31 Jan 2024 12:36

Instrument :

BNA_F

ClientSampleId :

TP-38

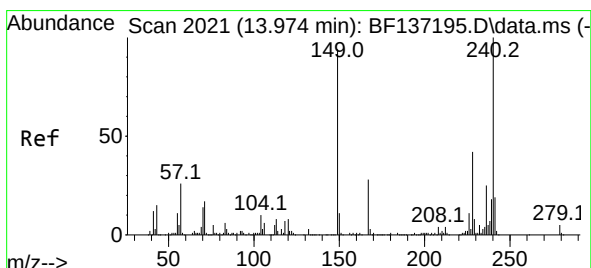
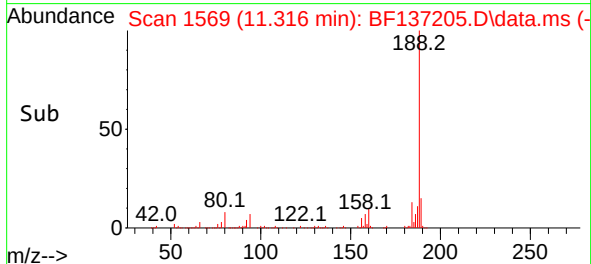
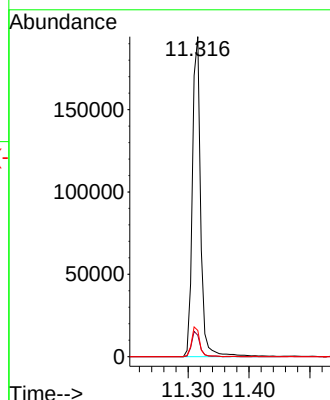
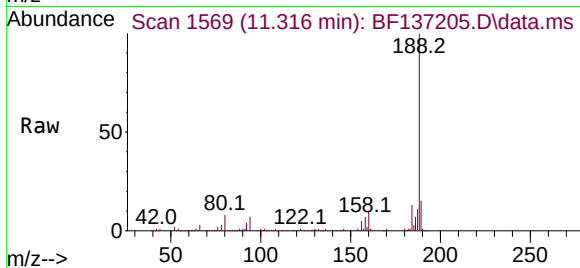
Tgt Ion:188 Resp: 182590

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.4#

80 8.2 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137205.D

Acq: 31 Jan 2024 12:36

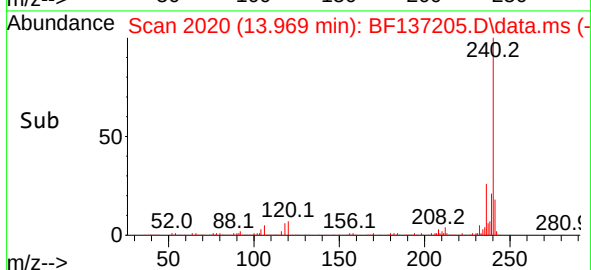
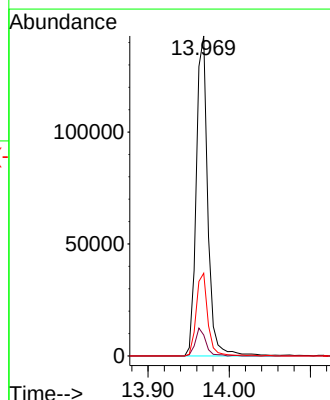
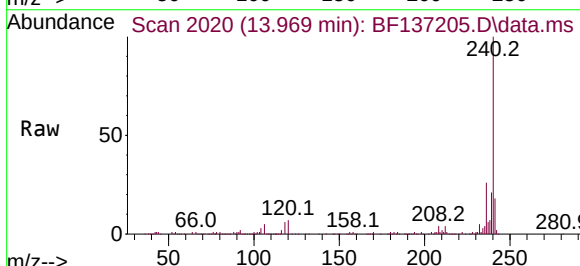
Tgt Ion:240 Resp: 140653

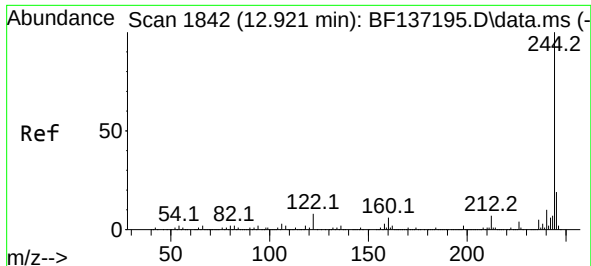
Ion Ratio Lower Upper

240 100

120 6.6 6.3 9.5

236 25.8 20.3 30.5

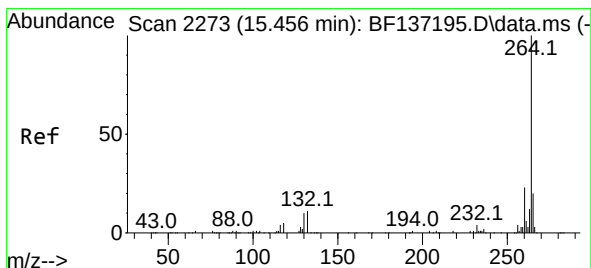
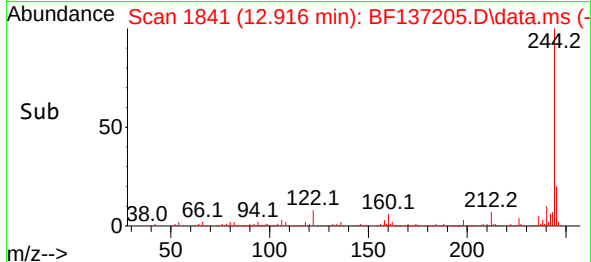
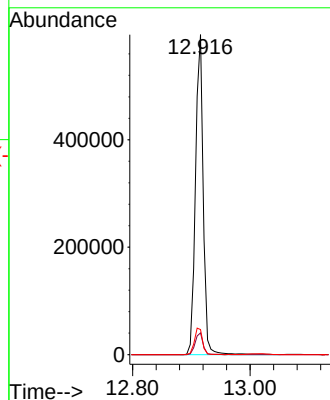
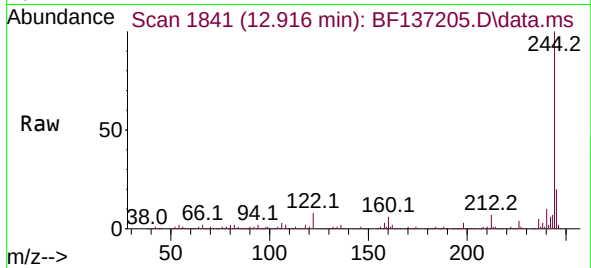




#79
 Terphenyl-d14
 Concen: 52.381 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137205.D
 Acq: 31 Jan 2024 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:244 Resp: 541949
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 7.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137205.D
 Acq: 31 Jan 2024 12:36

Tgt Ion:264 Resp: 165283
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.4
 265 20.5 16.2 24.2

