

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138588.D
 Acq On : 19 Jul 2024 14:28
 Operator : RC/JU
 Sample : P3246-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-01

Quant Time: Jul 19 15:00:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66616	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	261023	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	142257	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	266445	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	161842	20.000	ng	-0.02
86) Perylene-d12	15.474	264	157991	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	383999	91.293	ng	-0.01
7) Phenol-d6	6.493	99	516351	92.280	ng	-0.01
23) Nitrobenzene-d5	7.416	82	329823	62.039	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	125813	94.629	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	526963	57.895	ng	-0.02
79) Terphenyl-d14	12.963	244	581962	58.581	ng	-0.01

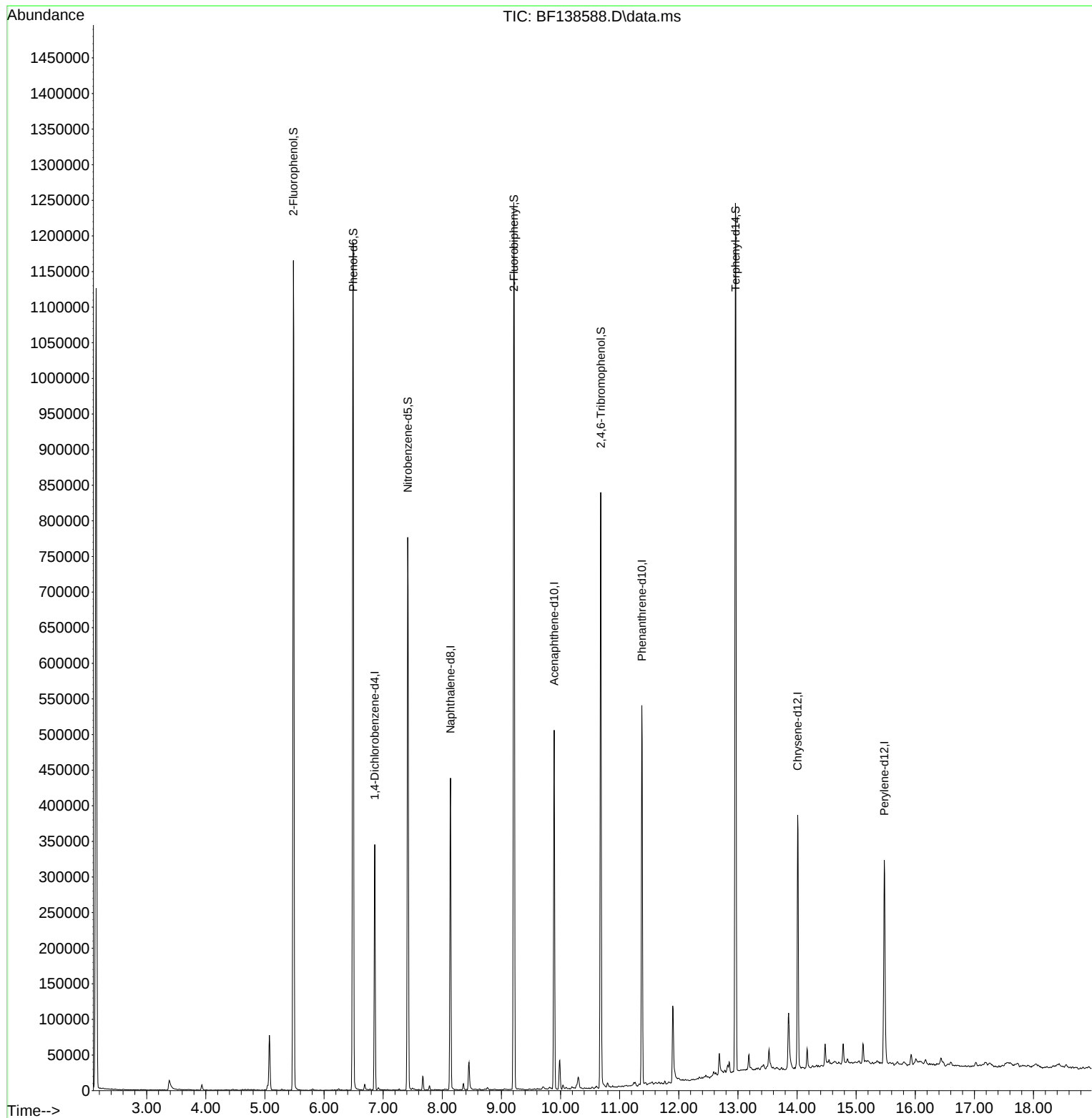
Target Compounds	Qvalue

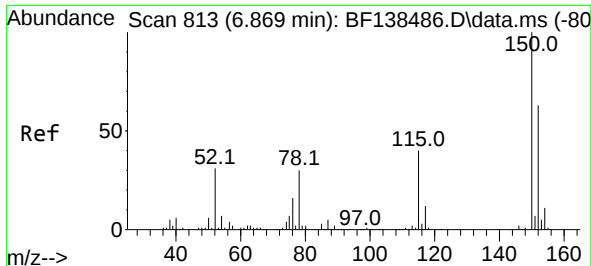
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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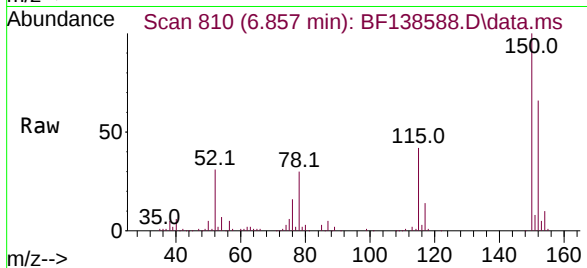
Quant Time: Jul 19 15:00:04 2024
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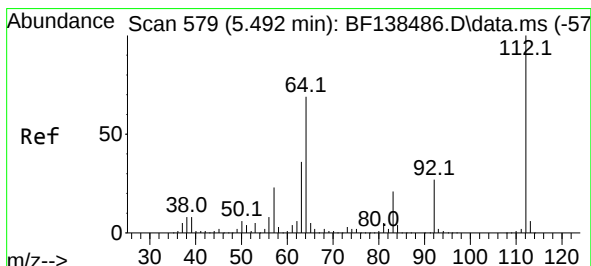
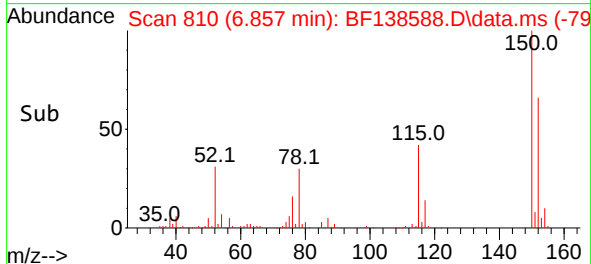
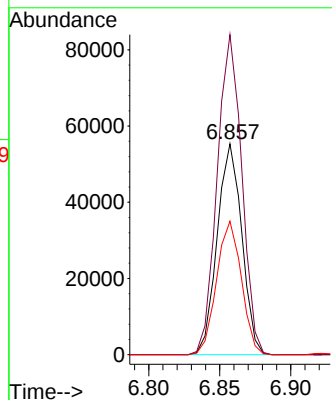


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

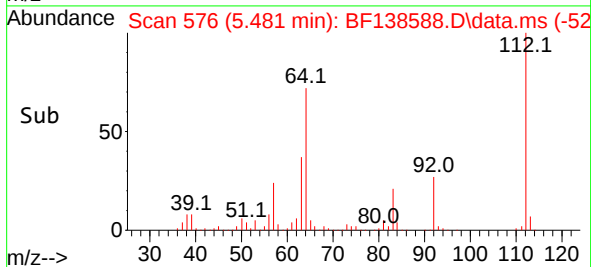
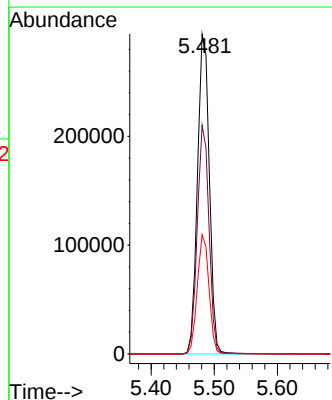
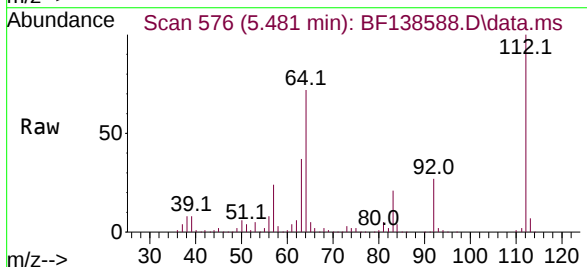


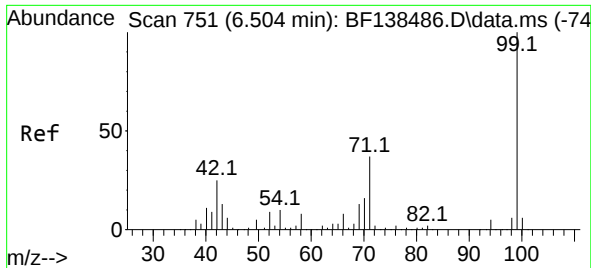
Tgt Ion:152 Resp: 66616
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.4
115 63.2 50.3 75.5



#5
2-Fluorophenol
Concen: 91.293 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion:112 Resp: 383999
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 37.3 29.0 43.6

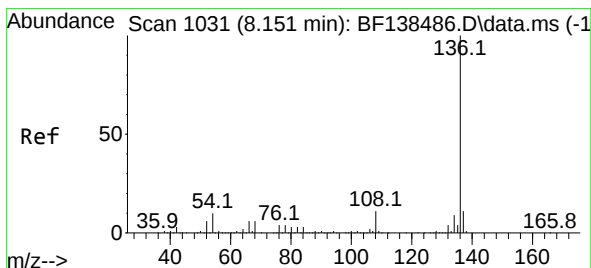
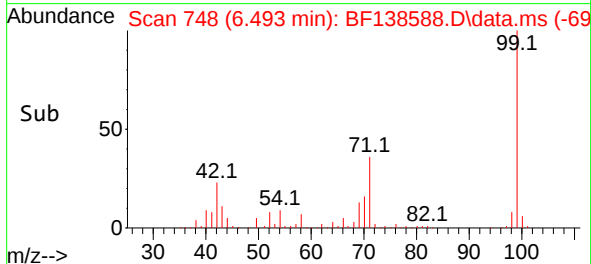
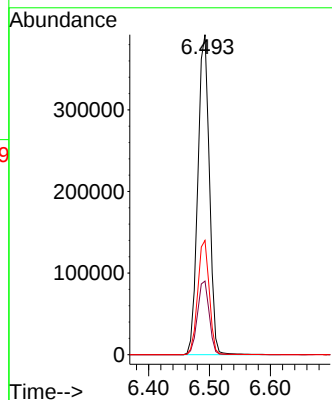
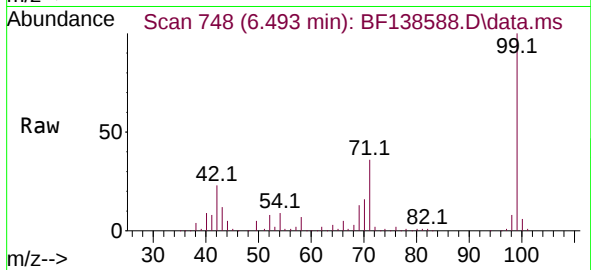




#7
Phenol-d6
Concen: 92.280 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

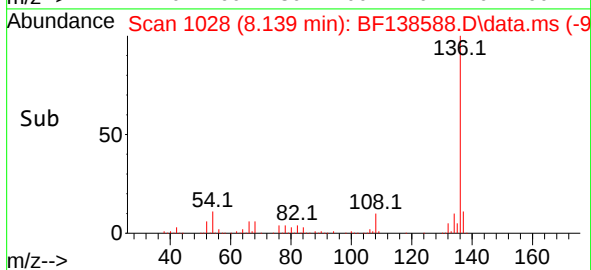
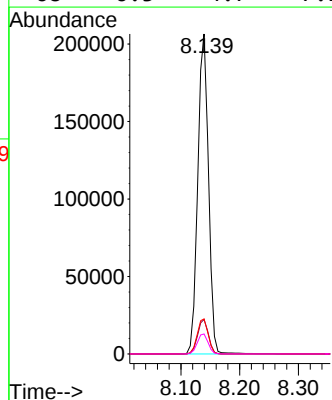
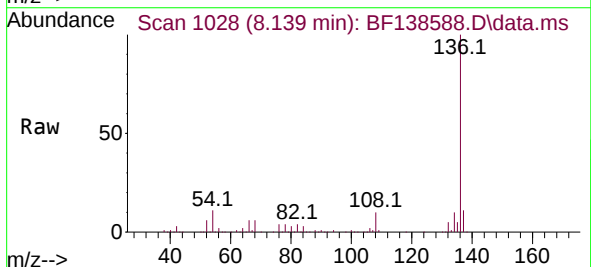
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

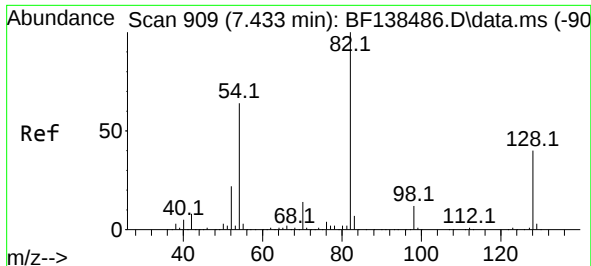
Tgt Ion: 99 Resp: 516351
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 35.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion: 136 Resp: 261023
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.9 8.1 12.1
68 6.3 4.7 7.1

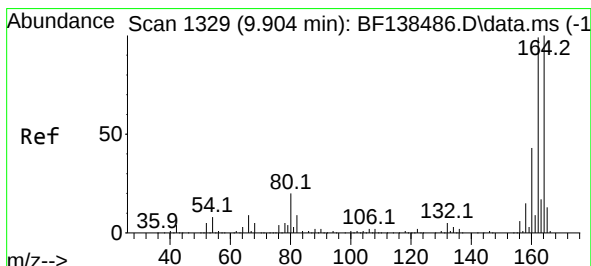
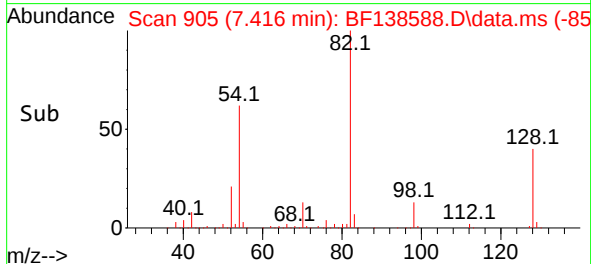
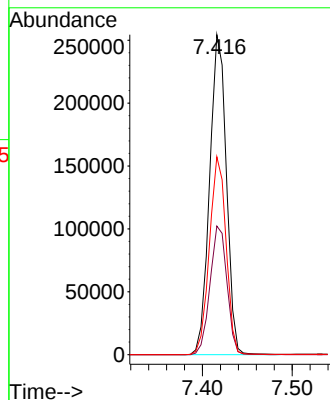
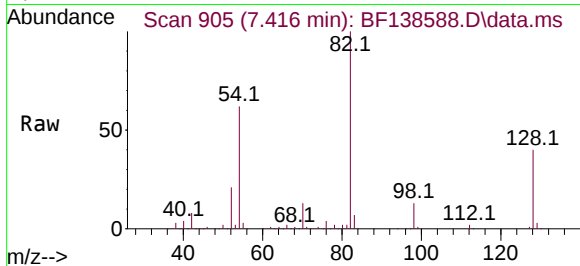




#23
Nitrobenzene-d5
Concen: 62.039 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.017 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

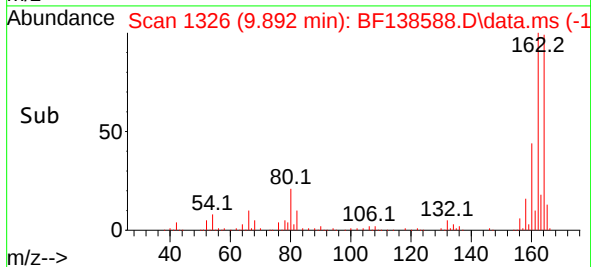
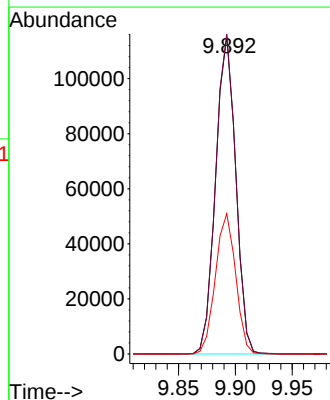
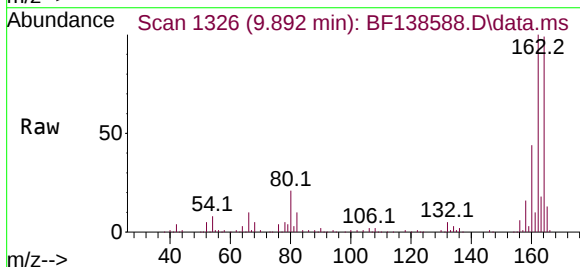
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-01

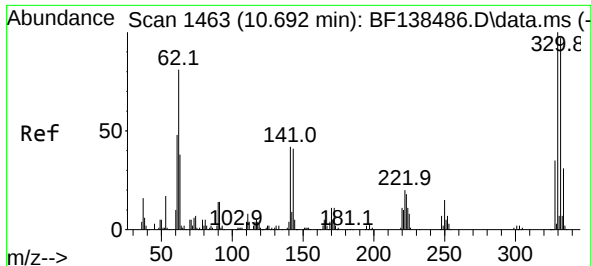
Tgt Ion: 82 Resp: 329823
Ion Ratio Lower Upper
82 100
128 40.2 32.3 48.5
54 61.8 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

Tgt Ion:164 Resp: 142257
Ion Ratio Lower Upper
164 100
162 100.7 79.0 118.6
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 94.629 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138588.D

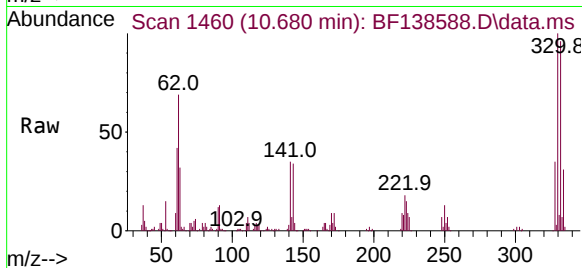
Acq: 19 Jul 2024 14:28

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-01



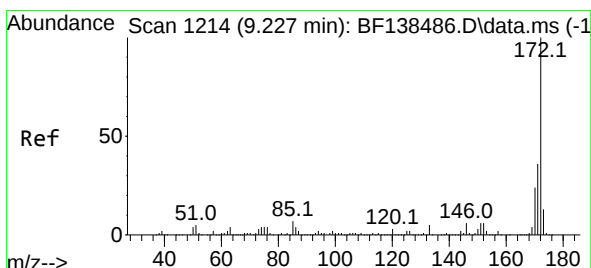
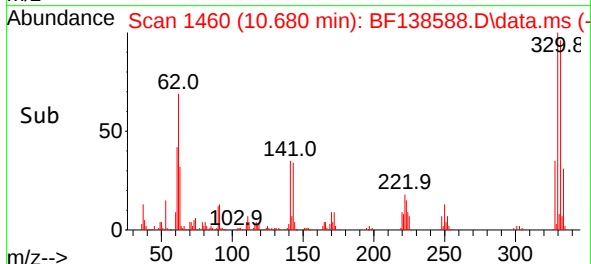
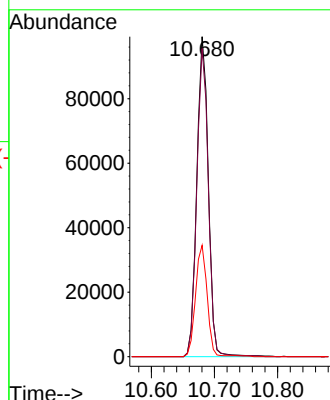
Tgt Ion:330 Resp: 125813

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 35.3 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 57.895 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.017 min

Lab File: BF138588.D

Acq: 19 Jul 2024 14:28

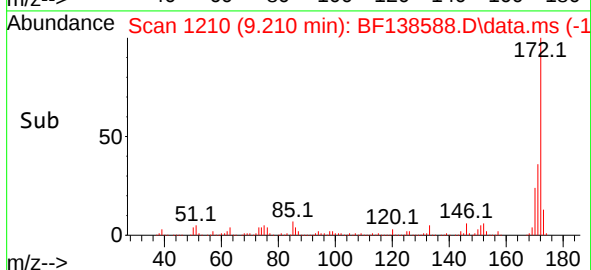
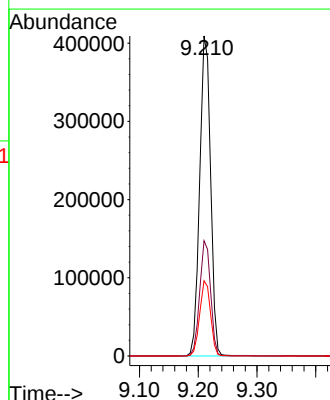
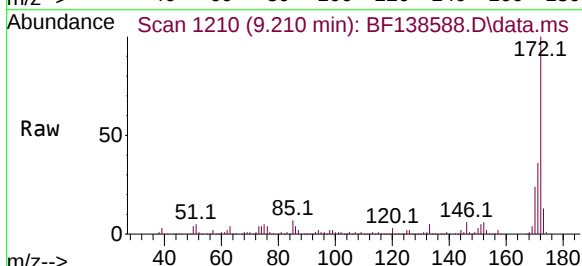
Tgt Ion:172 Resp: 526963

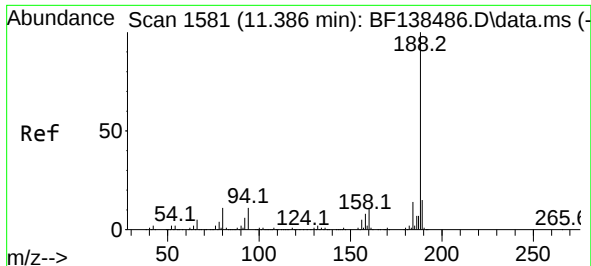
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.5 18.9 28.3

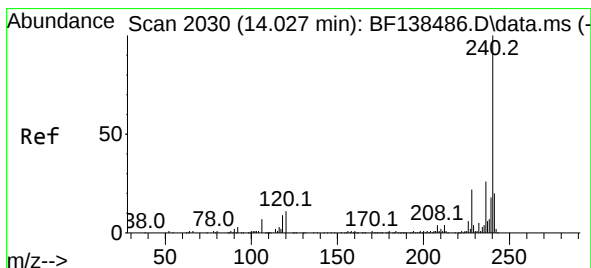
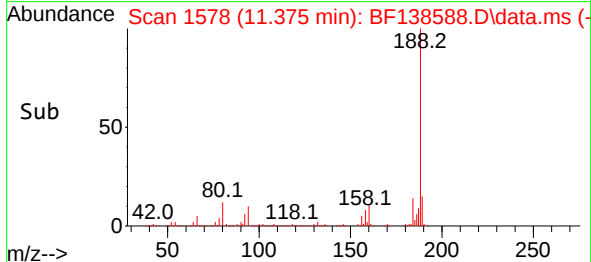
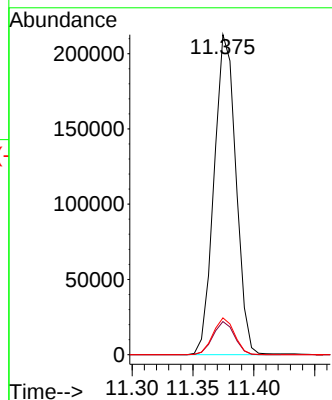
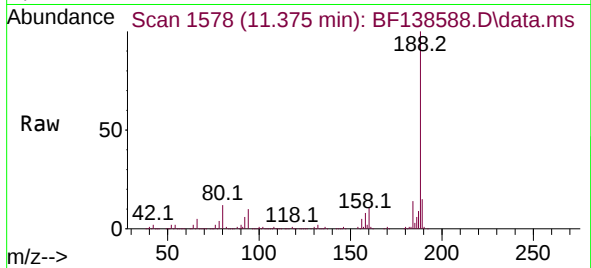




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

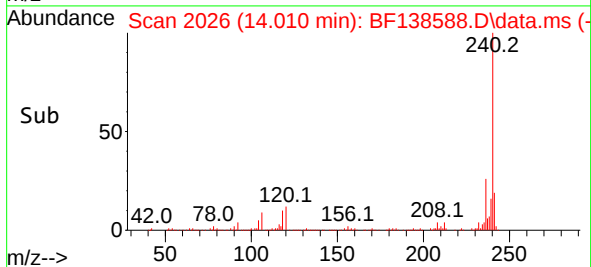
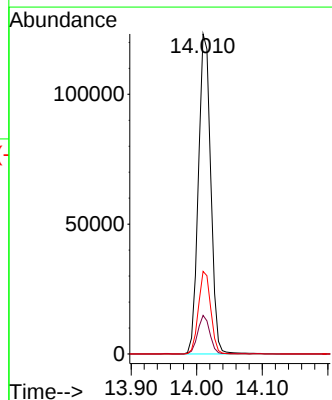
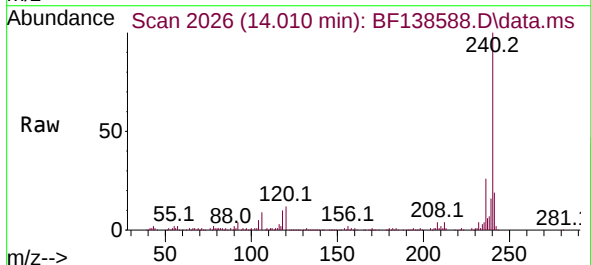
Instrument :
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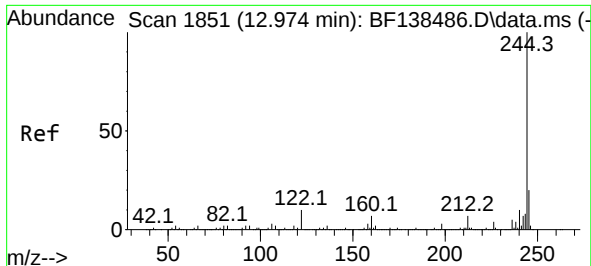
Tgt Ion:188 Resp: 266445
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138588.D
Acq: 19 Jul 2024 14:28

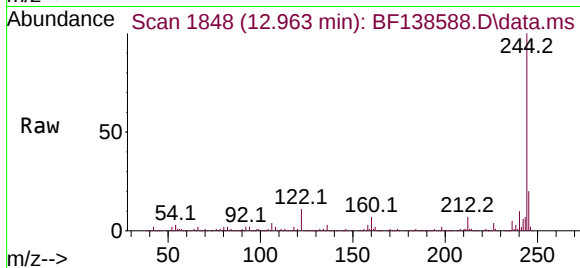
Tgt Ion:240 Resp: 161842
Ion Ratio Lower Upper
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120 12.1 8.6 12.8
236 25.8 21.0 31.6



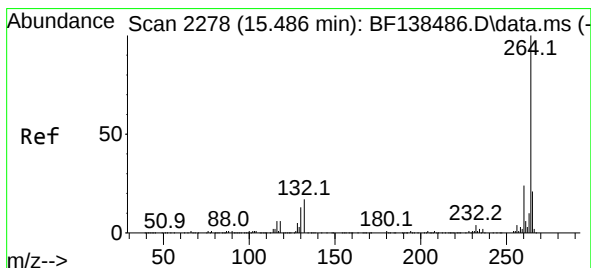
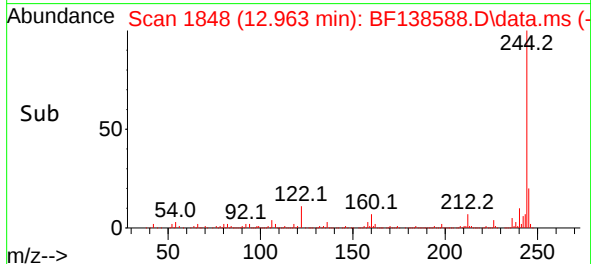
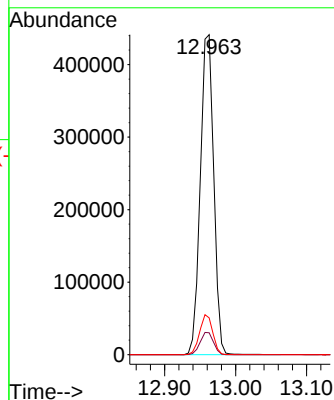


#79
 Terphenyl-d14
 Concen: 58.581 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138588.D
 Acq: 19 Jul 2024 14:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-01



Tgt Ion:244 Resp: 581962
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138588.D
 Acq: 19 Jul 2024 14:28

Tgt Ion:264 Resp: 157991
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.6 17.0 25.4

