

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138587.D
 Acq On : 19 Jul 2024 13:58
 Operator : RC/JU
 Sample : P3246-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-02

Quant Time: Jul 19 14:33:12 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	64656	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	260603	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	131520	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	262585	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	164621	20.000	ng	-0.02
86) Perylene-d12	15.474	264	56136	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	603884	147.922	ng	0.00
7) Phenol-d6	6.498	99	756695	139.332	ng	0.00
23) Nitrobenzene-d5	7.422	82	522901	98.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	208834	169.896	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	843564	100.244	ng	-0.01
79) Terphenyl-d14	12.963	244	1068481	105.739	ng	-0.01

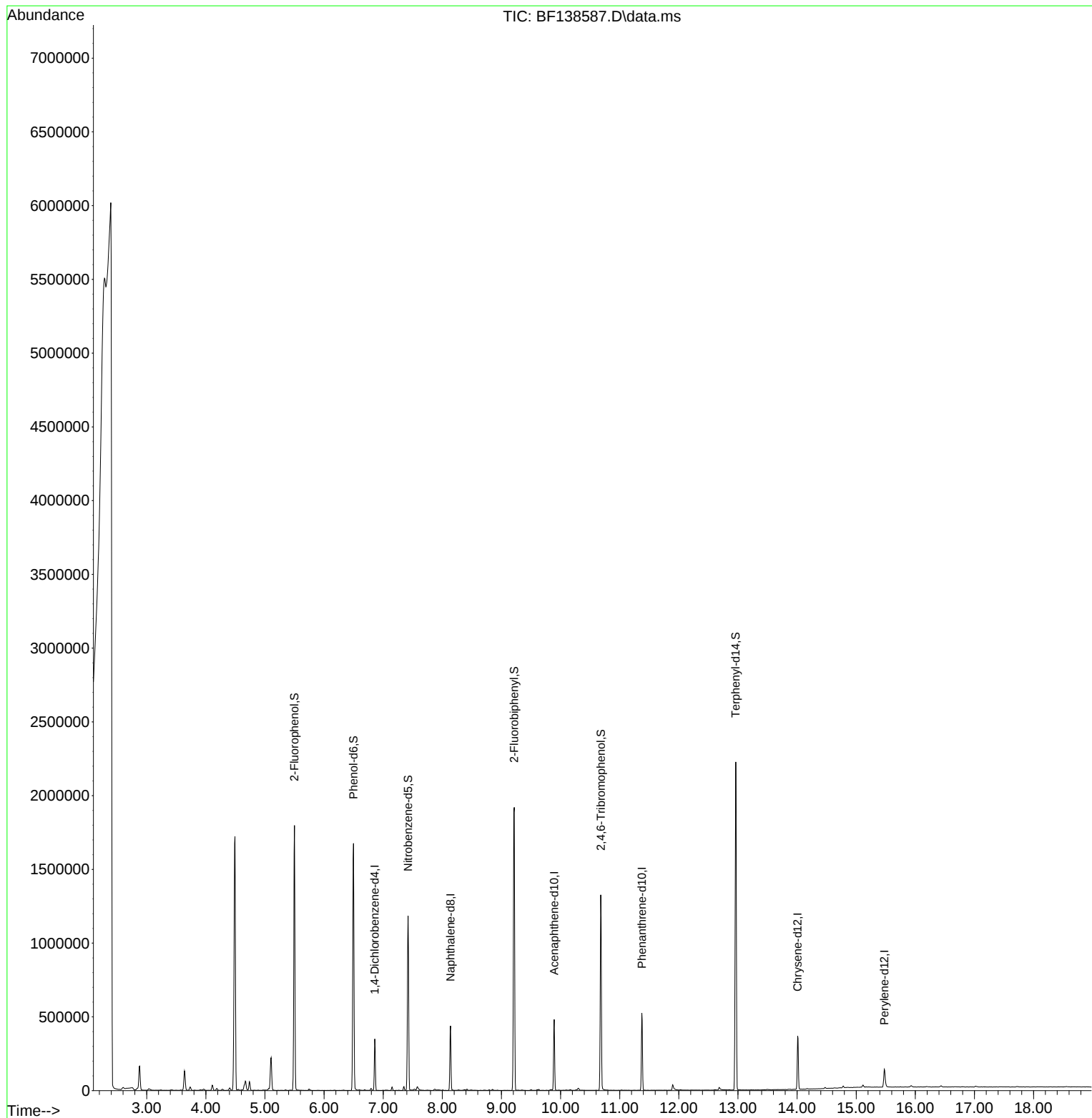
Target Compounds	Qvalue

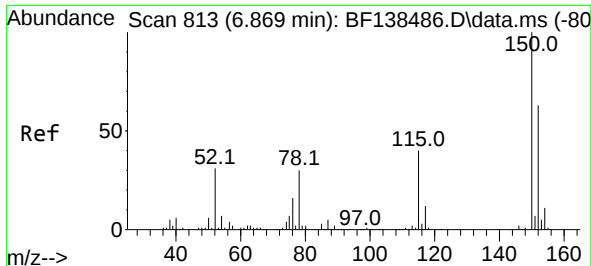
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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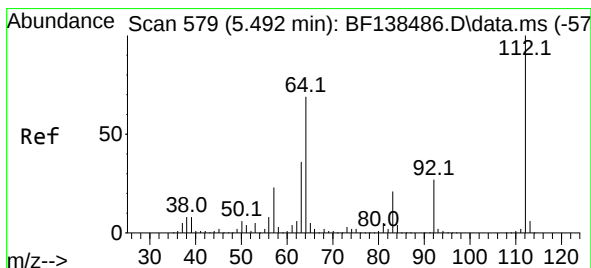
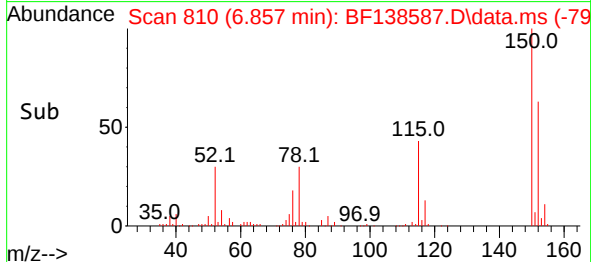
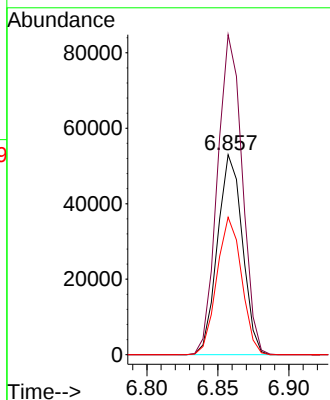
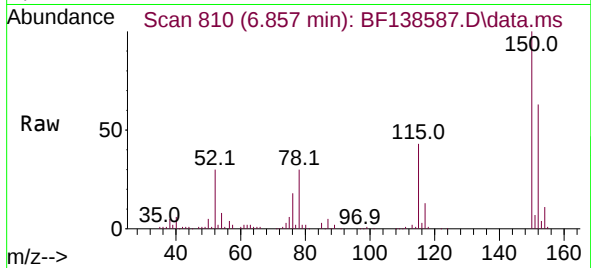




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

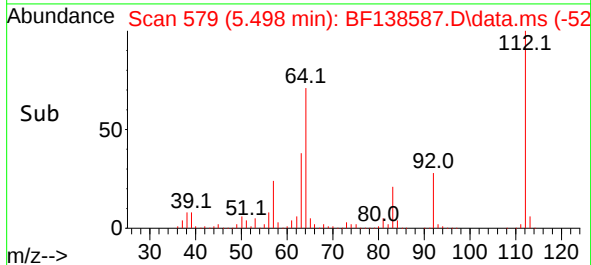
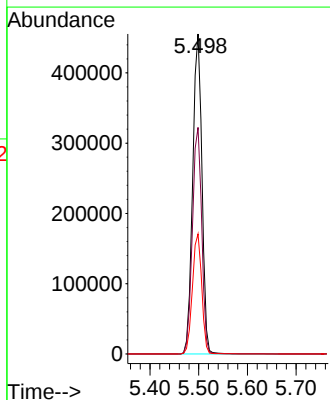
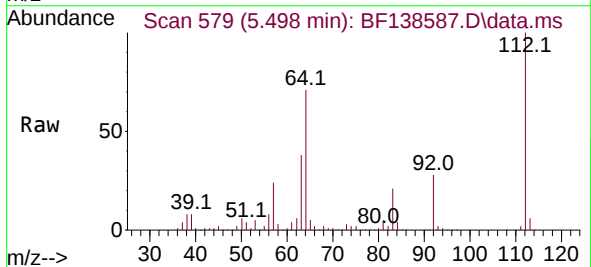
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

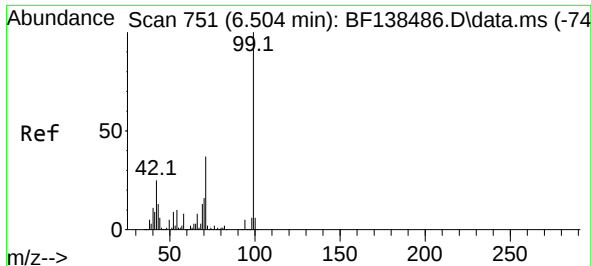
Tgt Ion:152 Resp: 64656
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.4
115 68.7 50.3 75.5



#5
2-Fluorophenol
Concen: 147.922 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion:112 Resp: 603884
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 37.5 29.0 43.6

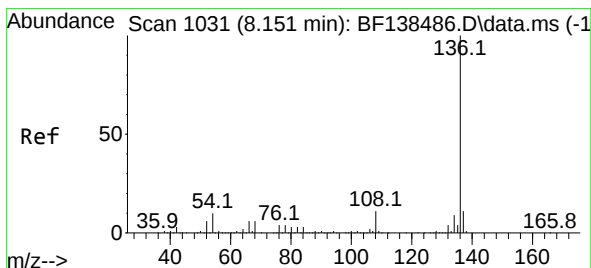
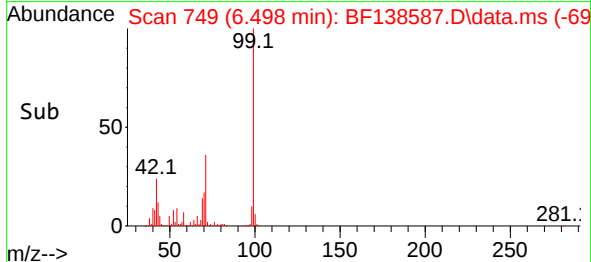
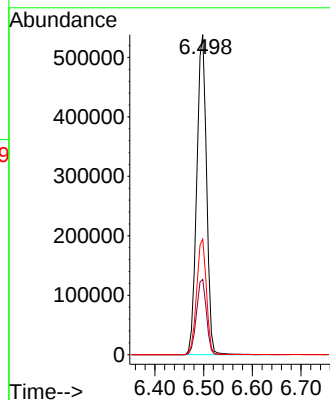
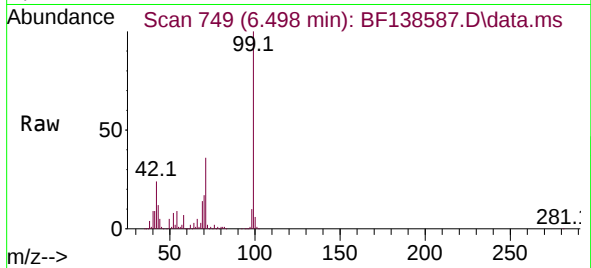




#7
Phenol-d6
Concen: 139.332 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

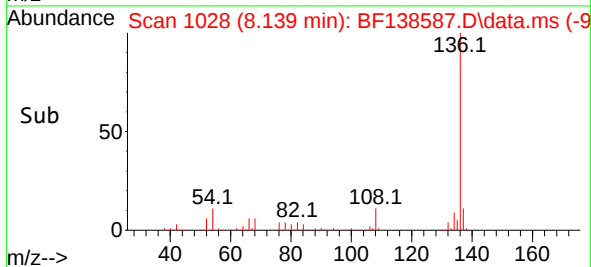
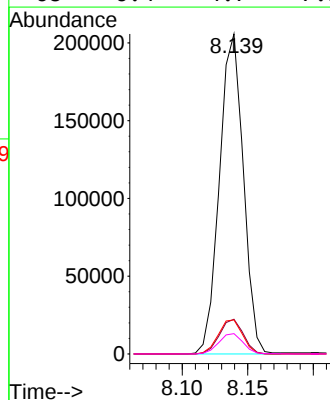
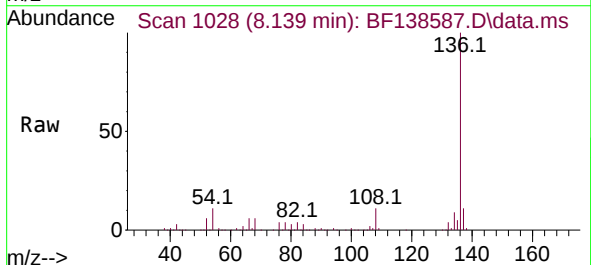
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-02

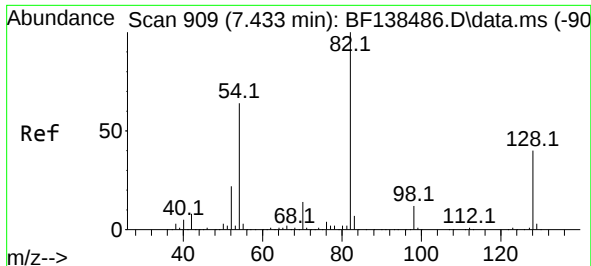
Tgt Ion: 99 Resp: 756695
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.1 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion: 136 Resp: 260603
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.6 8.1 12.1
68 6.4 4.7 7.1

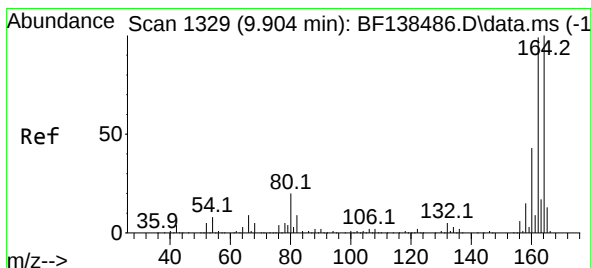
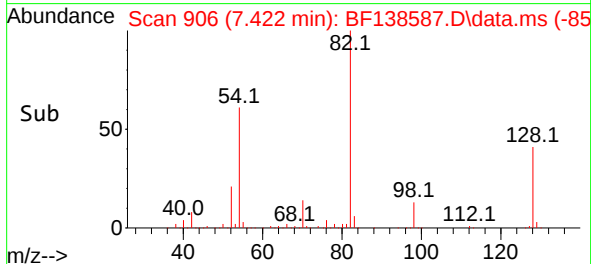
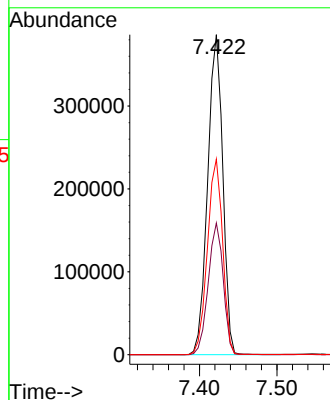
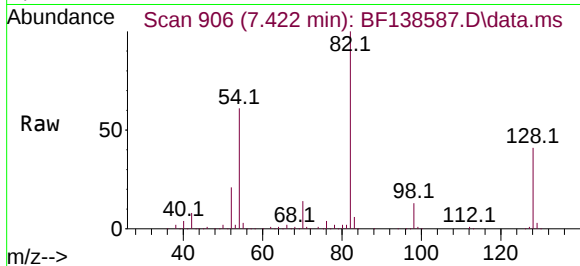




#23
 Nitrobenzene-d5
 Concen: 98.515 ng
 RT: 7.422 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF138587.D
 Acq: 19 Jul 2024 13:58

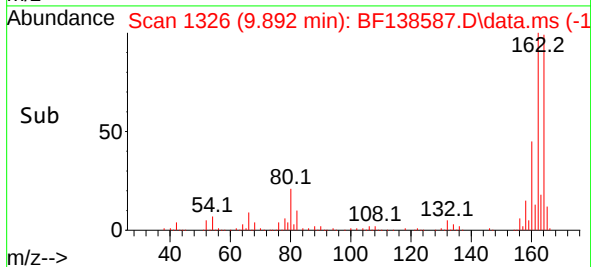
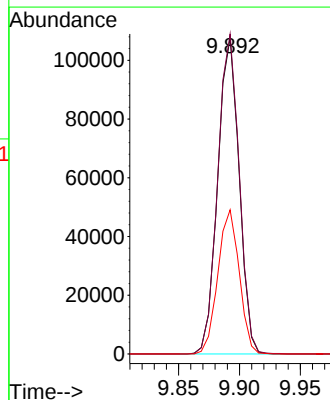
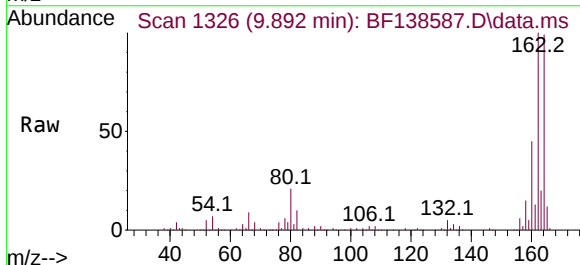
Instrument :
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 ClientSampleId :
 WC-CTW2-BL-02

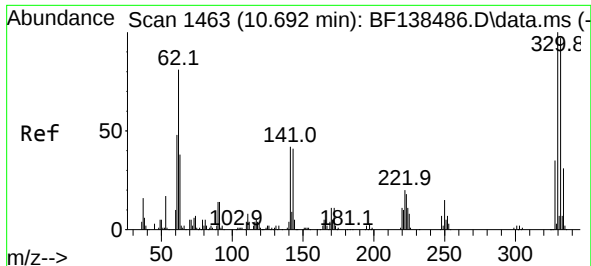
Tgt Ion: 82 Resp: 522901
 Ion Ratio Lower Upper
 82 100
 128 41.2 32.3 48.5
 54 61.1 51.4 77.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.892 min Scan# 1326
 Delta R.T. -0.012 min
 Lab File: BF138587.D
 Acq: 19 Jul 2024 13:58

Tgt Ion:164 Resp: 131520
 Ion Ratio Lower Upper
 164 100
 162 101.2 79.0 118.6
 160 45.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 169.896 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138587.D

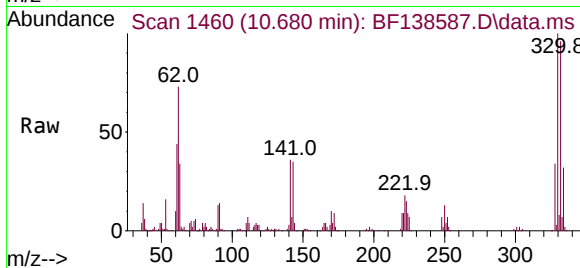
Acq: 19 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02



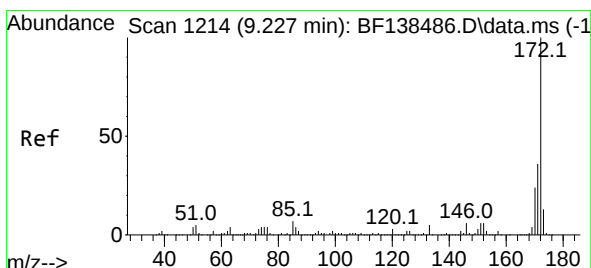
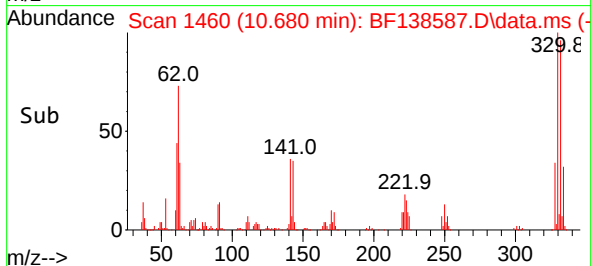
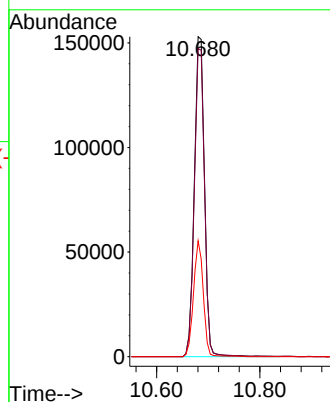
Tgt Ion:330 Resp: 208834

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 34.7 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 100.244 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138587.D

Acq: 19 Jul 2024 13:58

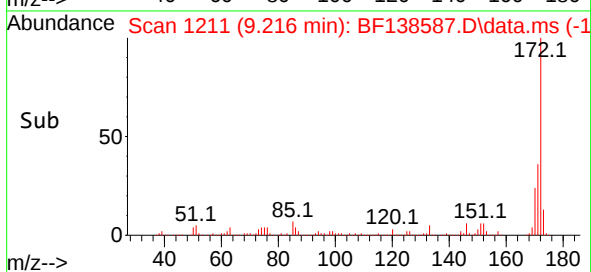
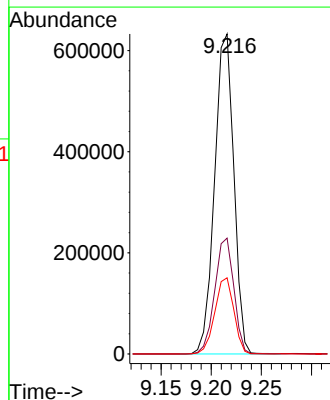
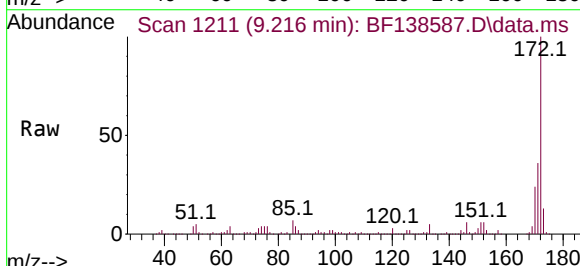
Tgt Ion:172 Resp: 843564

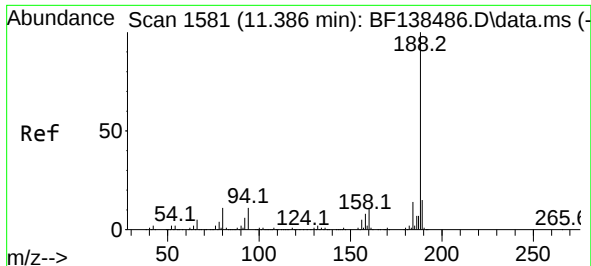
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.8 18.9 28.3

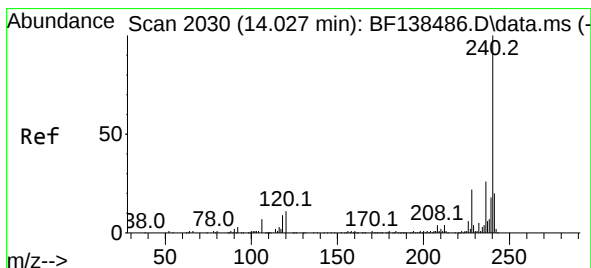
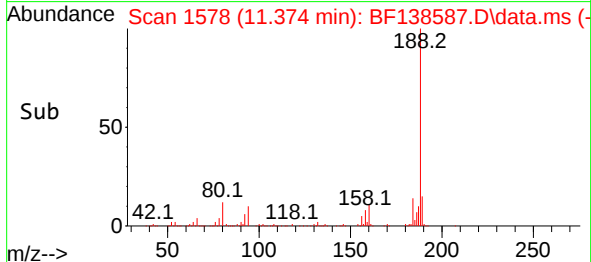
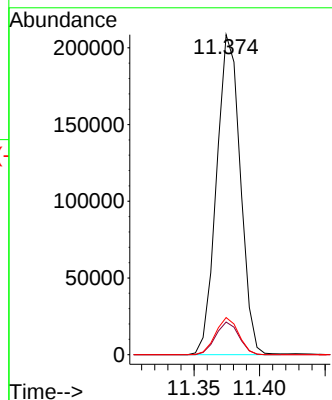
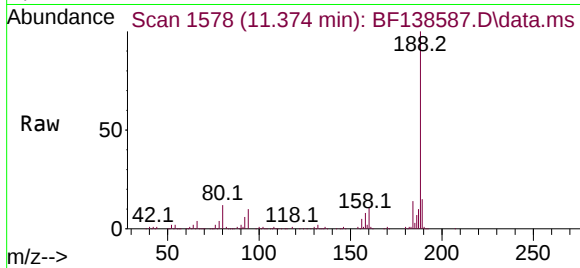




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

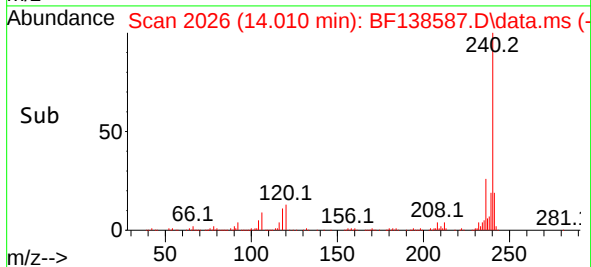
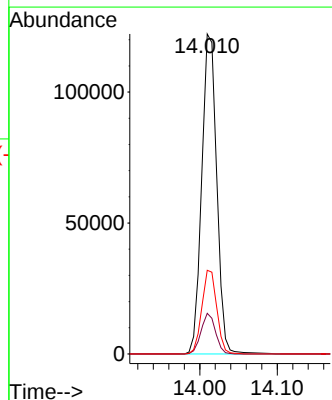
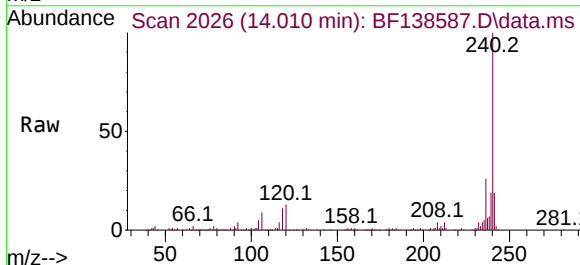
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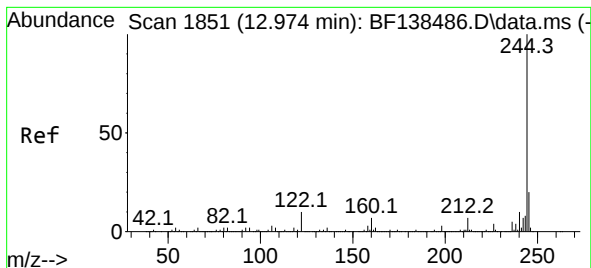
Tgt Ion:188 Resp: 262585
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138587.D
Acq: 19 Jul 2024 13:58

Tgt Ion:240 Resp: 164621
Ion Ratio Lower Upper
240 100
120 12.7 8.6 12.8
236 26.2 21.0 31.6





#79

Terphenyl-d14

Concen: 105.739 ng

RT: 12.963 min Scan# 1848

Delta R.T. -0.012 min

Lab File: BF138587.D

Acq: 19 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-02

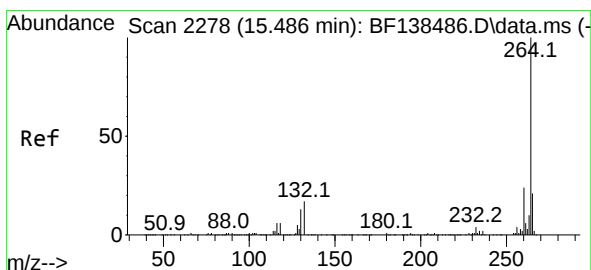
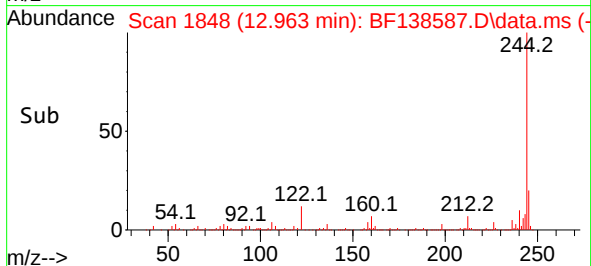
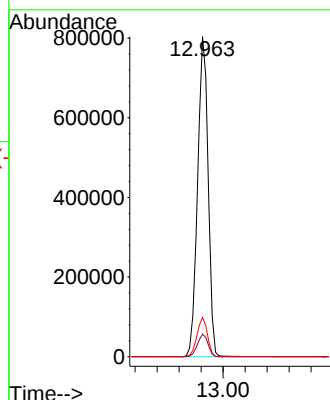
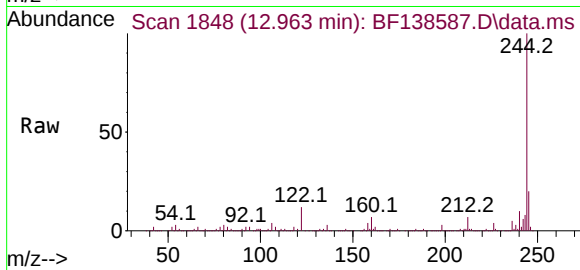
Tgt Ion:244 Resp: 1068481

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.2 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: BF138587.D

Acq: 19 Jul 2024 13:58

Tgt Ion:264 Resp: 56136

Ion Ratio Lower Upper

264 100

260 25.7 19.0 28.6

265 20.1 17.0 25.4

