

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136671.D
 Acq On : 21 Dec 2023 16:15
 Operator : CG\JU
 Sample : 05887-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-121423

Quant Time: Dec 21 17:29:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73591	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	240881	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	94339	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	171375	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	166801	20.000	ng	-0.01
86) Perylene-d12	15.433	264	140840	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	407821	86.467	ng	0.00
7) Phenol-d6	6.428	99	480101	78.558	ng	-0.01
23) Nitrobenzene-d5	7.345	82	286233	60.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	88683	79.819	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	442545	63.093	ng	-0.02
79) Terphenyl-d14	12.898	244	451302	37.810	ng	-0.02

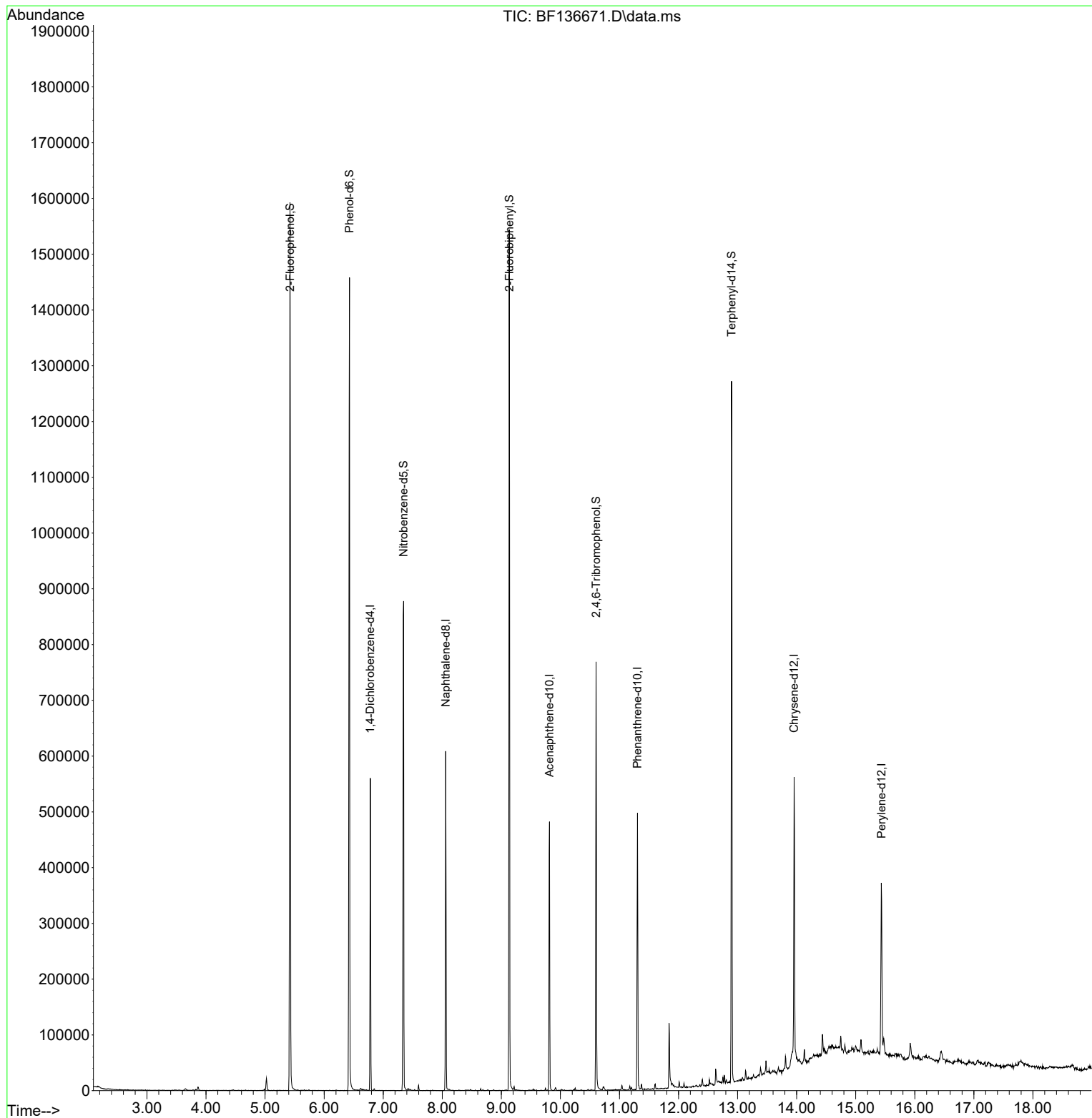
Target Compounds	Qvalue

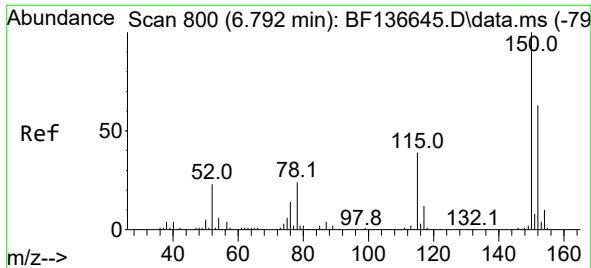
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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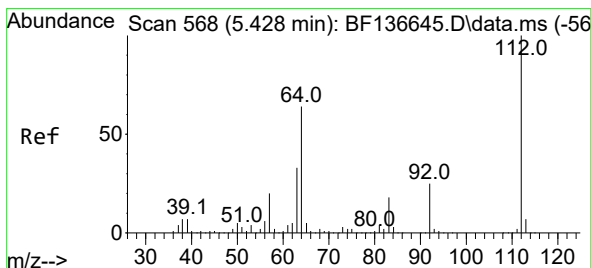
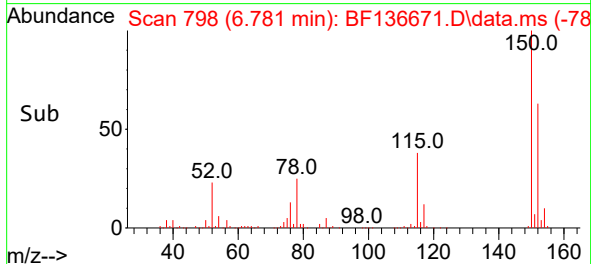
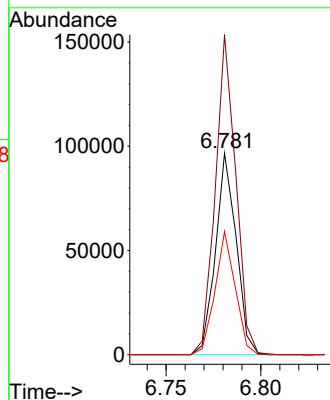
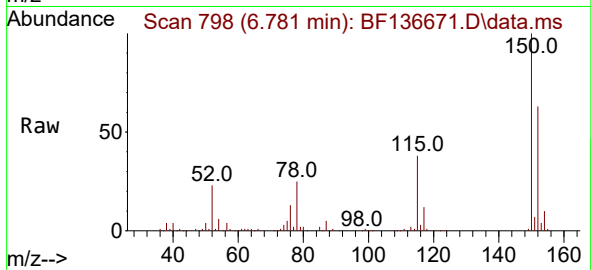




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

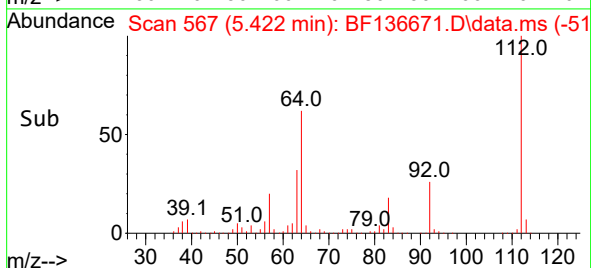
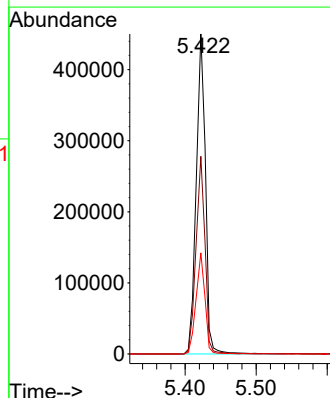
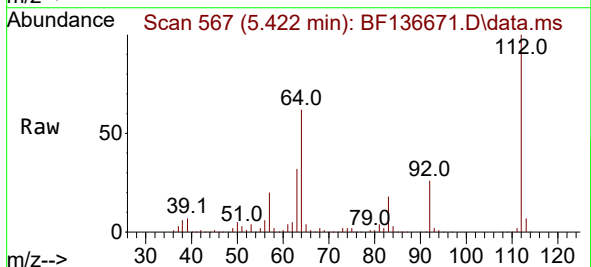
Instrument :
BNA_F
ClientSampleId :
WC-121423

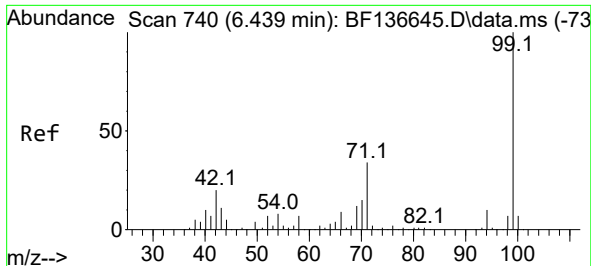
Tgt Ion:152 Resp: 73591
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 86.467 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion:112 Resp: 407821
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 31.6 26.1 39.1

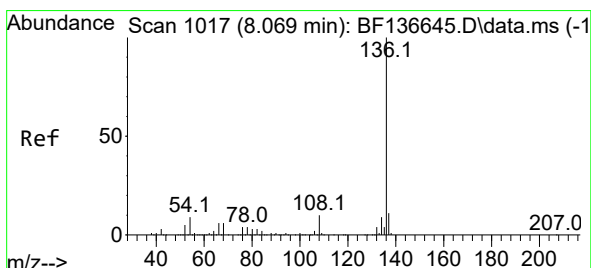
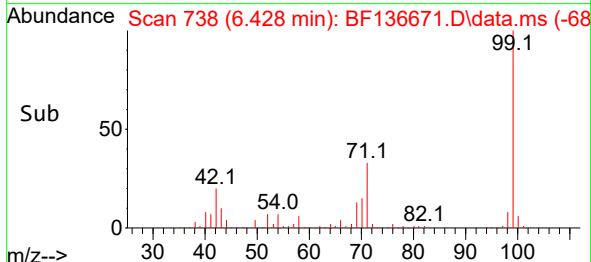
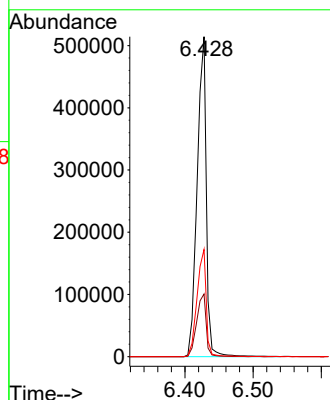
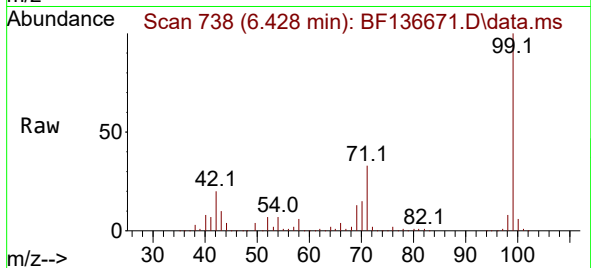




#7
Phenol-d6
Concen: 78.558 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

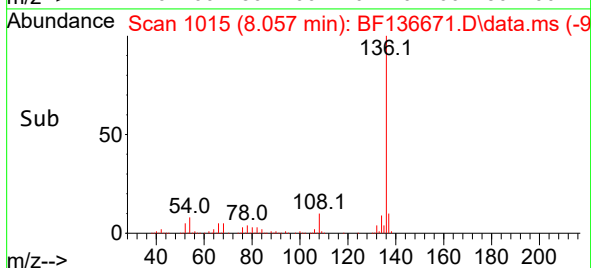
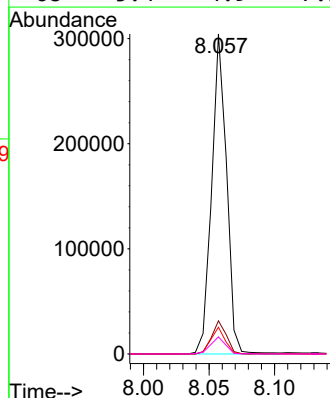
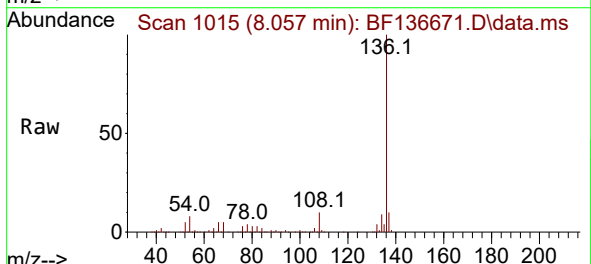
Instrument :
BNA_F
ClientSampleId :
WC-121423

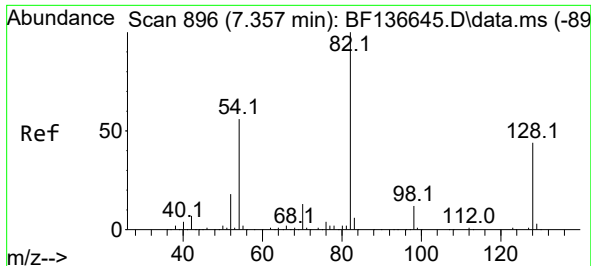
Tgt Ion: 99 Resp: 480101
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 136 Resp: 240881
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.4 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 60.805 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136671.D

Acq: 21 Dec 2023 16:15

Instrument :

BNA_F

ClientSampleId :

WC-121423

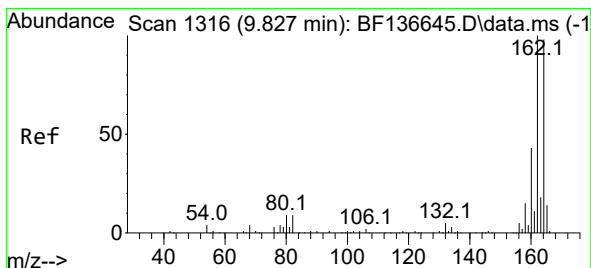
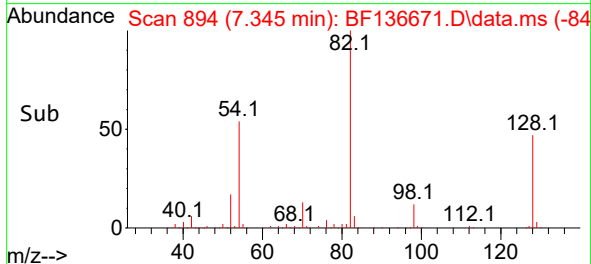
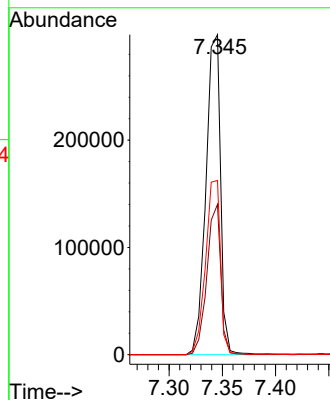
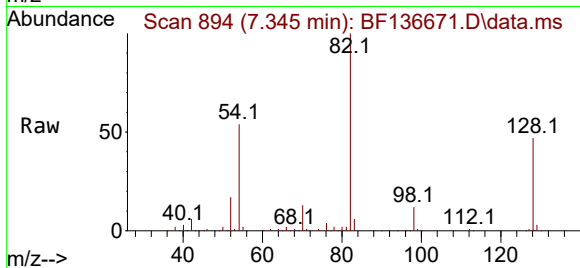
Tgt Ion: 82 Resp: 286233

Ion Ratio Lower Upper

82 100

128 46.9 35.3 52.9

54 54.5 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136671.D

Acq: 21 Dec 2023 16:15

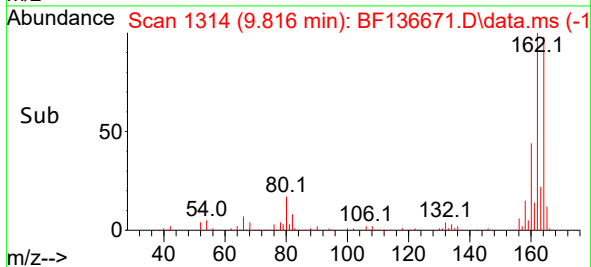
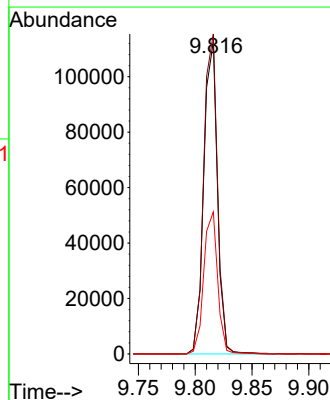
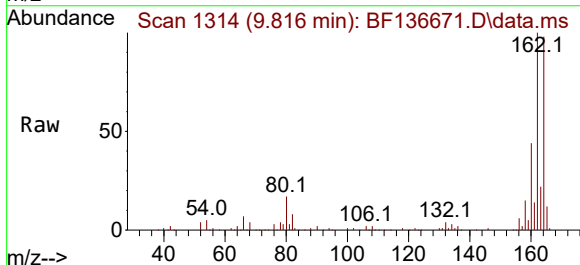
Tgt Ion:164 Resp: 94339

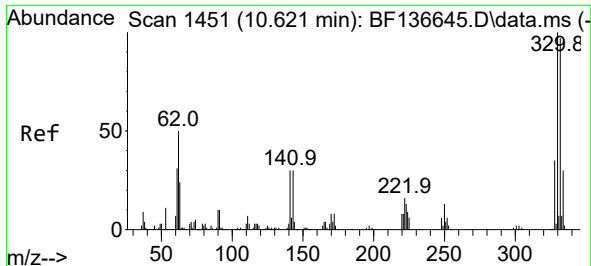
Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

160 45.5 34.9 52.3

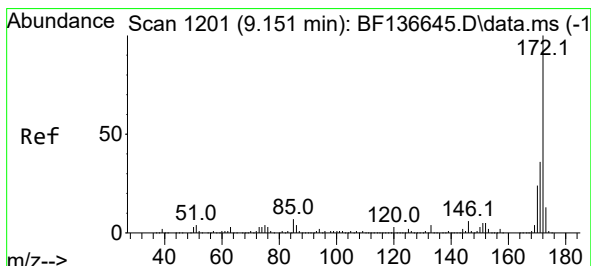
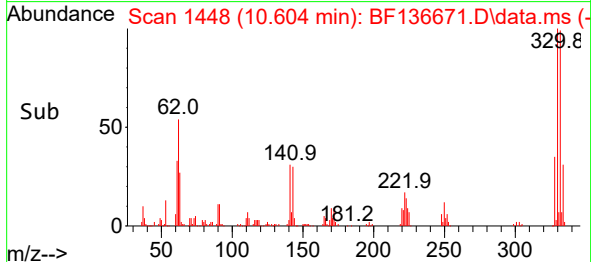
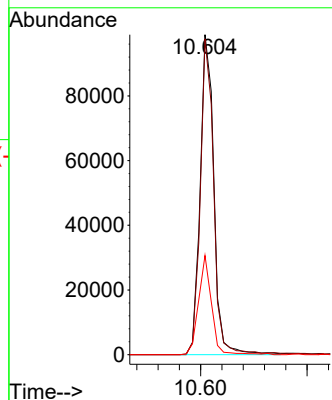
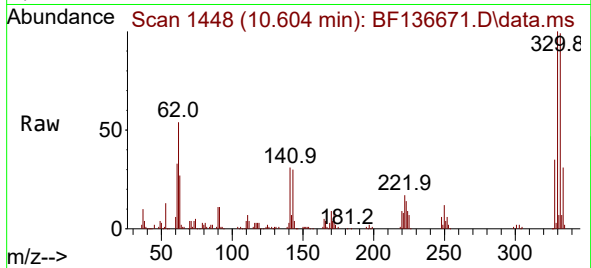




#42
2,4,6-Tribromophenol
Concen: 79.819 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.017 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

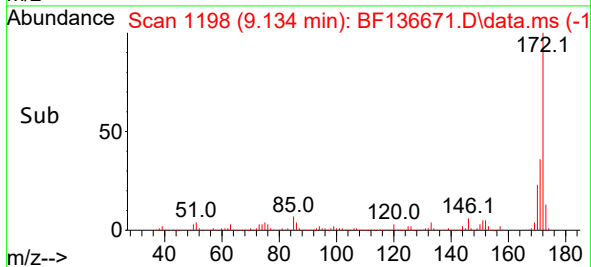
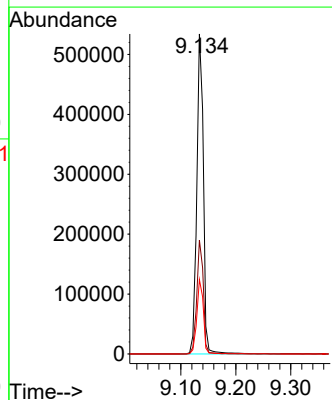
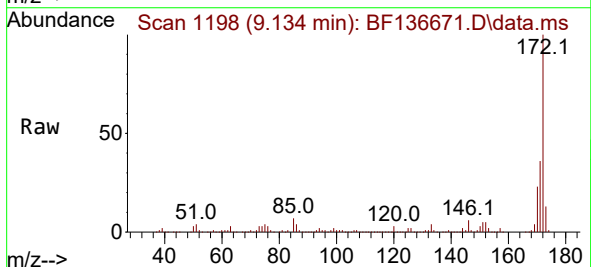
Instrument :
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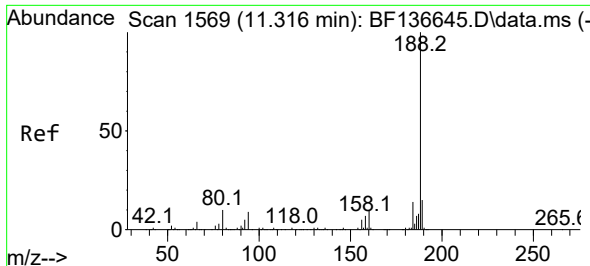
Tgt Ion: 330 Resp: 88683
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 29.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 63.093 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion: 172 Resp: 442545
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.2 19.0 28.4

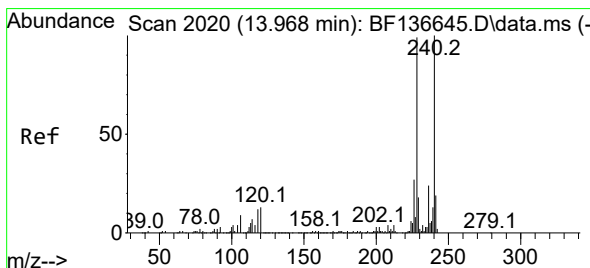
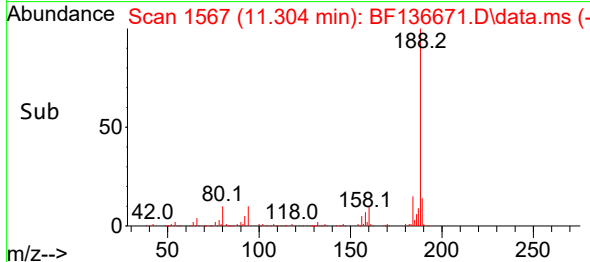
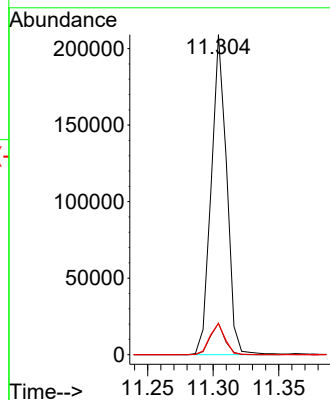
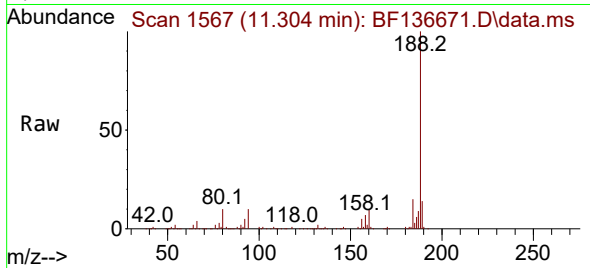




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

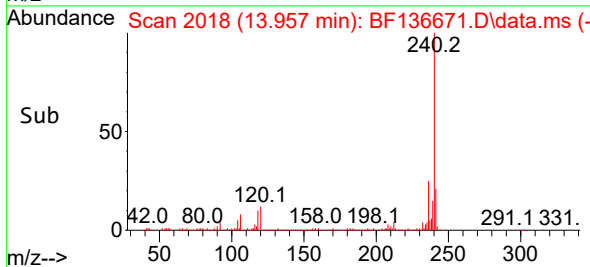
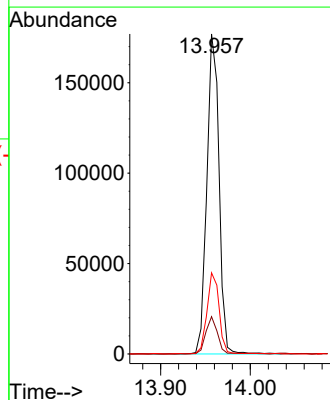
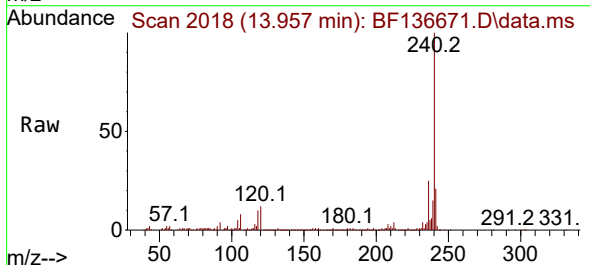
Instrument :
BNA_F
ClientSampleId :
WC-121423

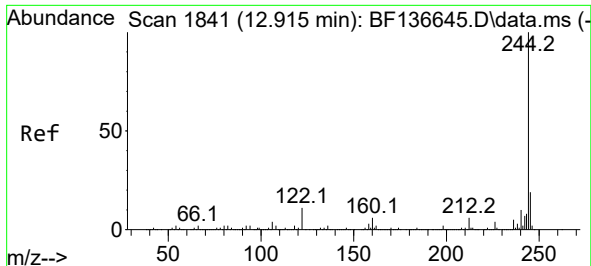
Tgt Ion:188 Resp: 171375
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

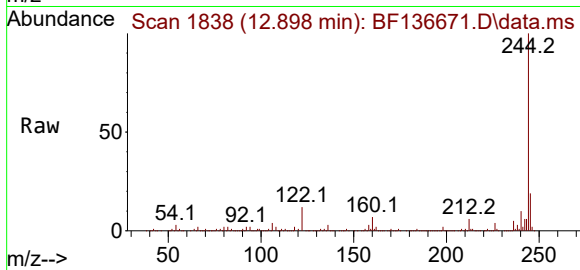
Tgt Ion:240 Resp: 166801
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 25.3 19.4 29.2



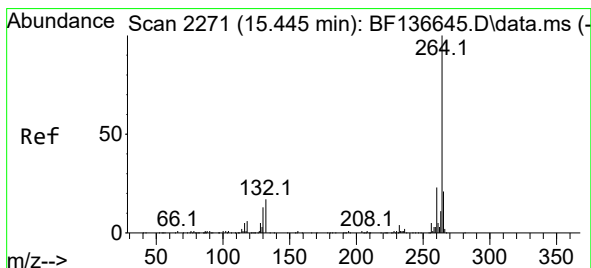
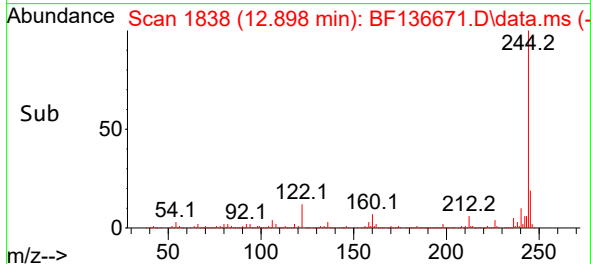
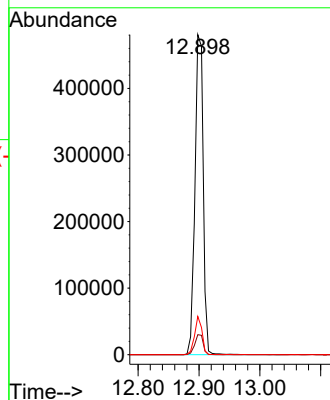


#79
Terphenyl-d14
Concen: 37.810 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.017 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Instrument :
BNA_F
ClientSampleId :
WC-121423



Tgt Ion:244 Resp: 451302
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 11.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF136671.D
Acq: 21 Dec 2023 16:15

Tgt Ion:264 Resp: 140840
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 20.5 17.0 25.6

