

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136537.D
 Acq On : 13 Dec 2023 14:41
 Operator : CG\JU
 Sample : 05574-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WC04-01

Quant Time: Dec 13 15:28:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

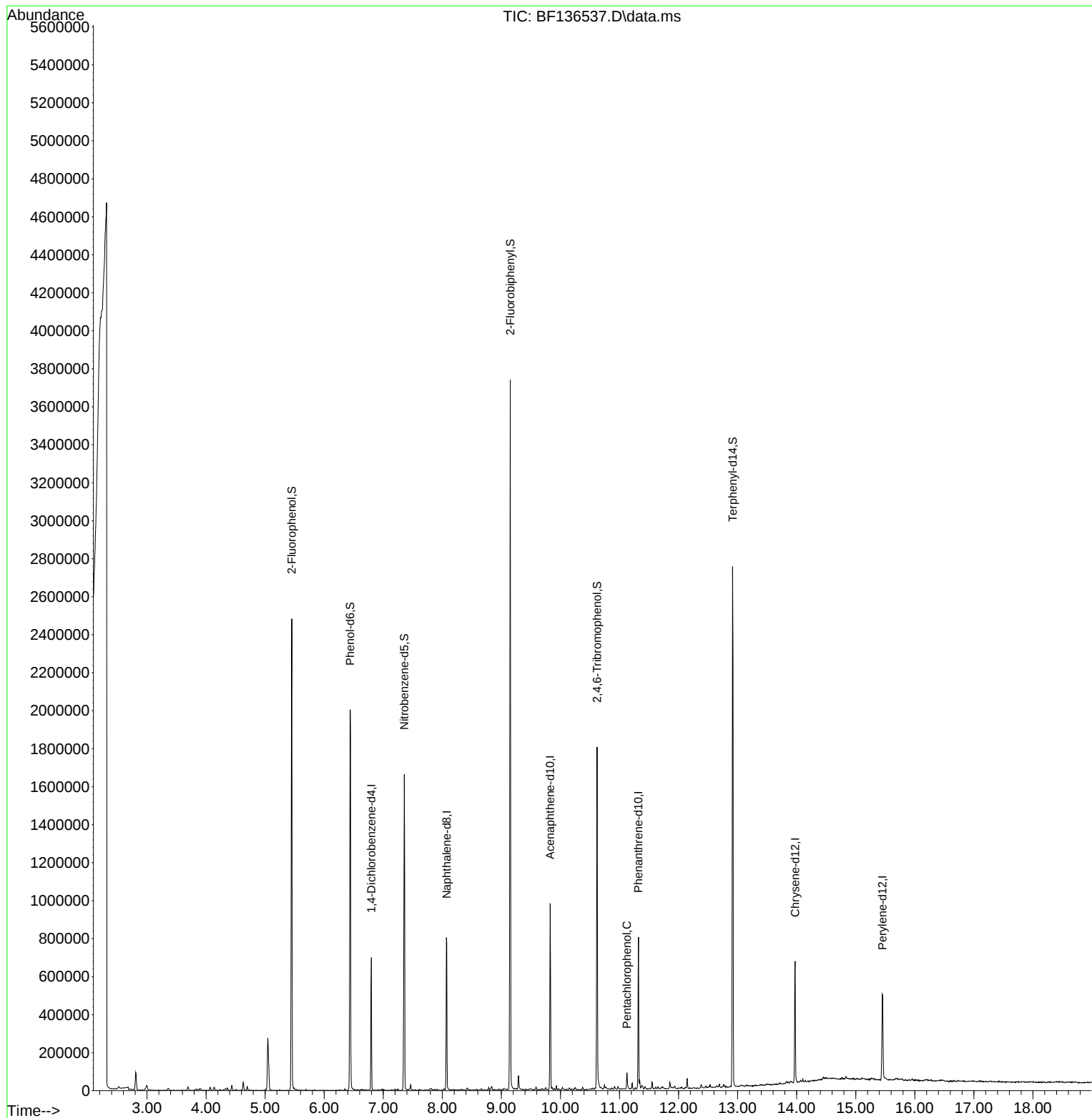
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	100383	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	382137	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	179977	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	276676	20.000	ng	0.00
76) Chrysene-d12	13.974	240	222026	20.000	ng	0.00
86) Perylene-d12	15.451	264	229239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	727126	106.974	ng	0.02
7) Phenol-d6	6.439	99	816589	96.289	ng	0.00
23) Nitrobenzene-d5	7.357	82	581842	82.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	231466	104.305	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1131874	85.813	ng	-0.01
79) Terphenyl-d14	12.915	244	982731	58.339	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.127	266	7878	3.754	ng	Qvalue 96

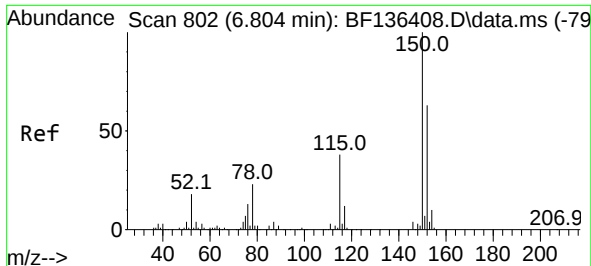
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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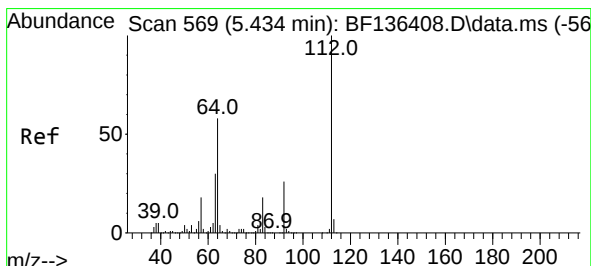
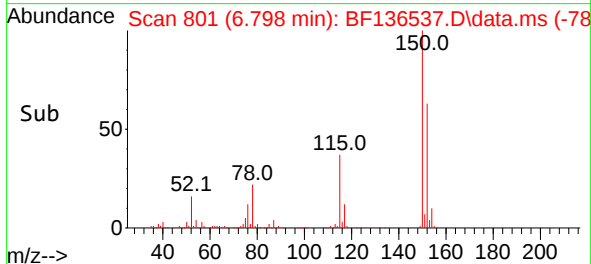
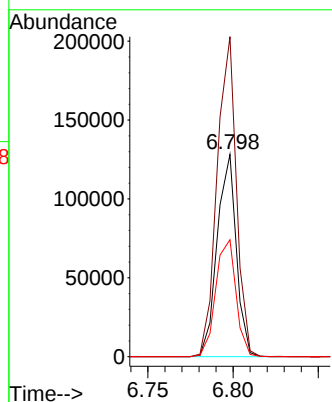
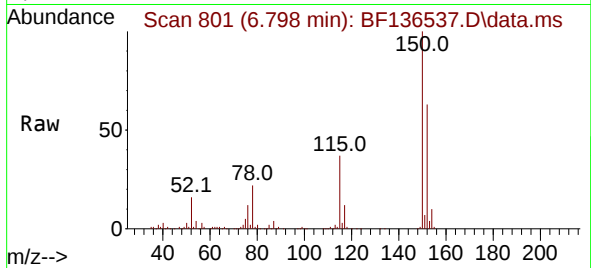




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

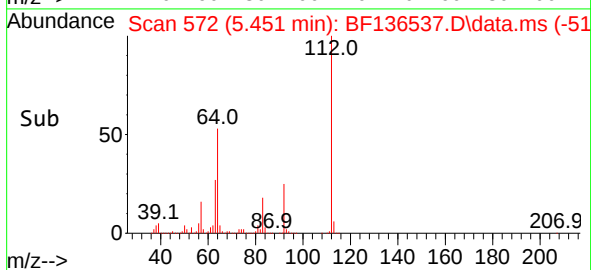
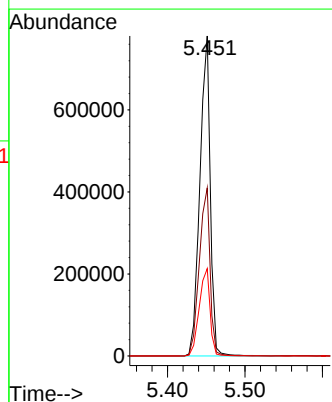
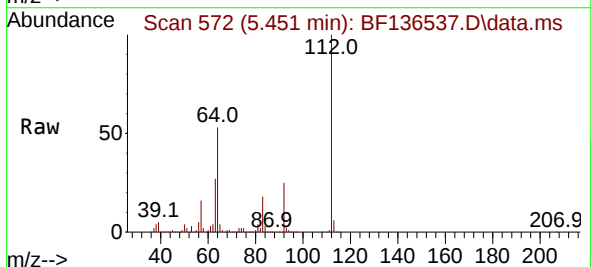
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01

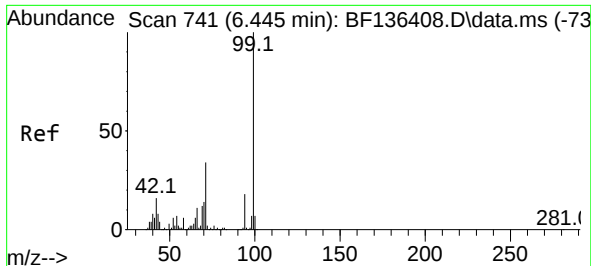
Tgt Ion:152 Resp: 100383
Ion Ratio Lower Upper
152 100
150 158.2 126.4 189.6
115 57.8 48.2 72.4



#5
2-Fluorophenol
Concen: 106.974 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

Tgt Ion:112 Resp: 727126
Ion Ratio Lower Upper
112 100
64 52.5 46.5 69.7
63 27.3 23.9 35.9

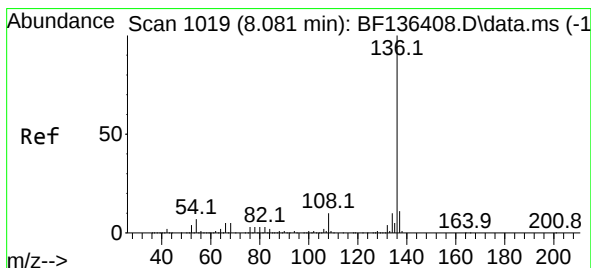
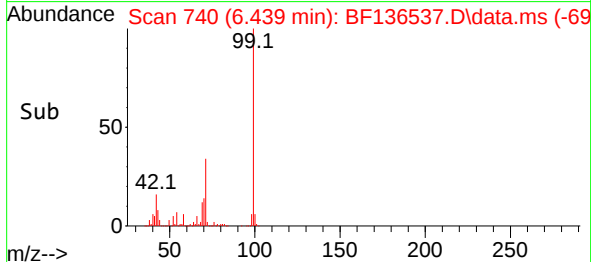
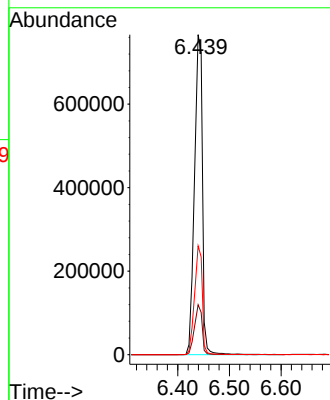
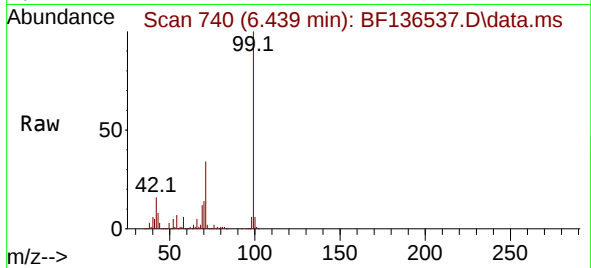




#7
Phenol-d6
Concen: 96.289 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

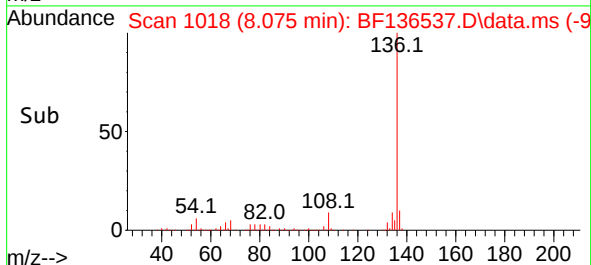
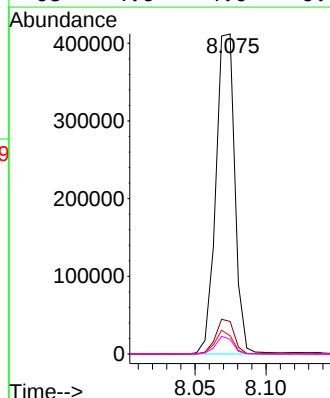
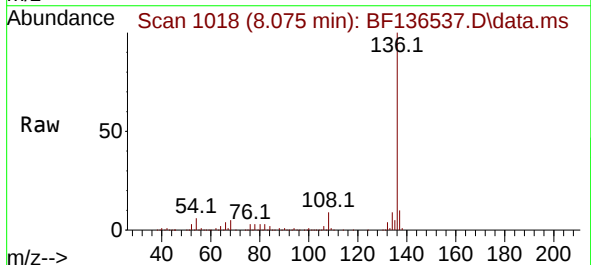
Instrument :
BNA_F
ClientSampleId :
P001-WC04-01

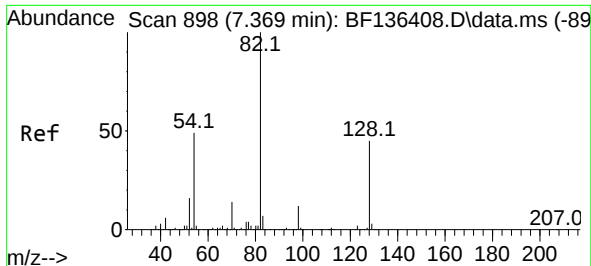
Tgt Ion: 99 Resp: 816589
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.0 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

Tgt Ion: 136 Resp: 382137
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 5.7 5.7 8.5
68 4.6 4.0 6.0





#23

Nitrobenzene-d5

Concen: 82.312 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01

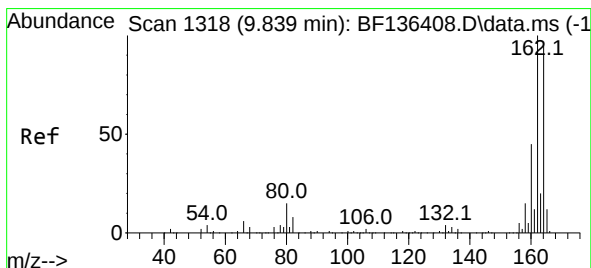
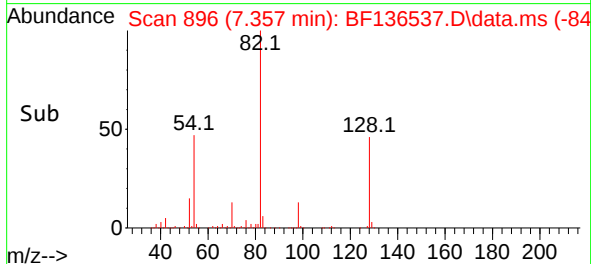
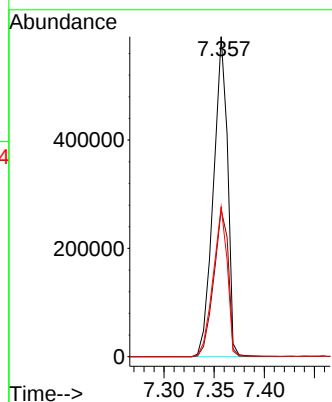
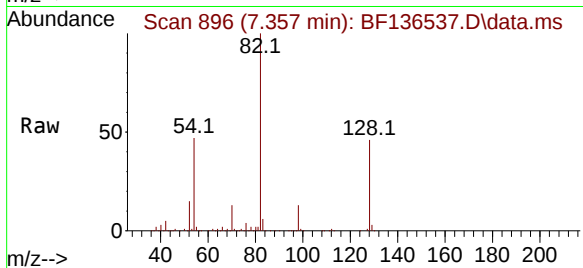
Tgt Ion: 82 Resp: 581842

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 46.8 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

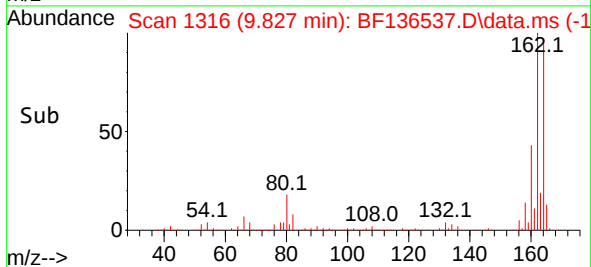
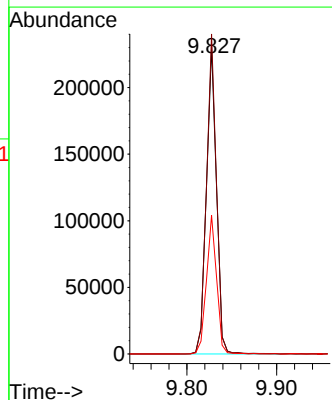
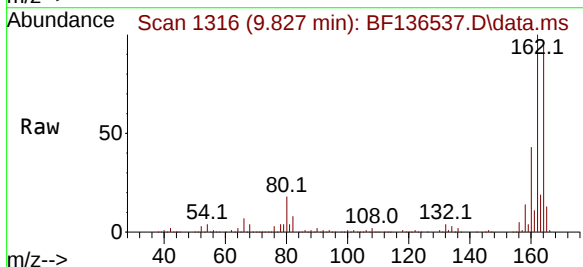
Tgt Ion:164 Resp: 179977

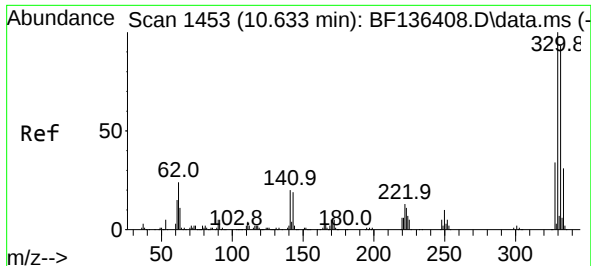
Ion Ratio Lower Upper

164 100

162 104.3 84.4 126.6

160 45.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 104.305 ng

RT: 10.621 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01

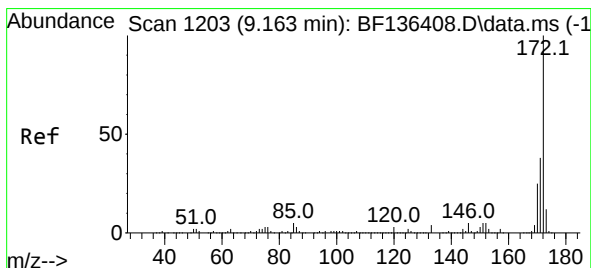
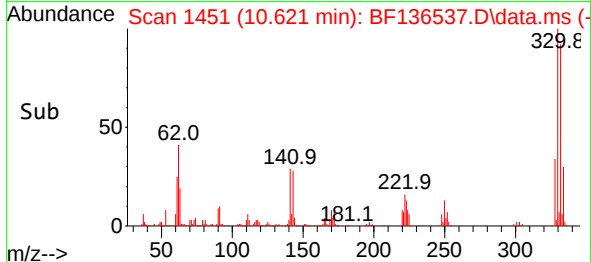
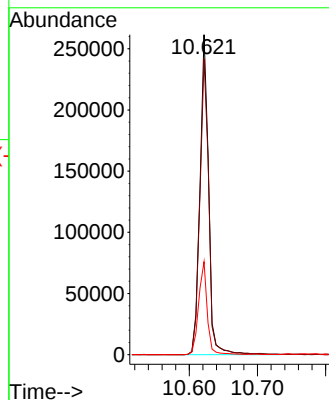
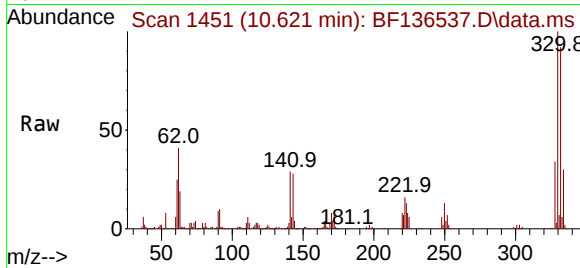
Tgt Ion:330 Resp: 231466

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.813 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

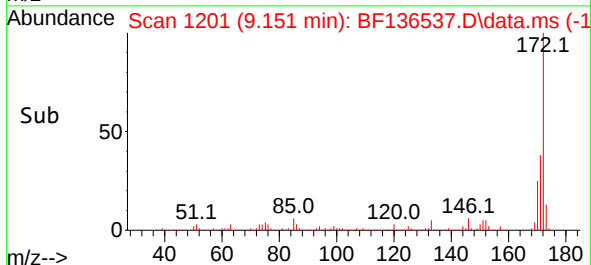
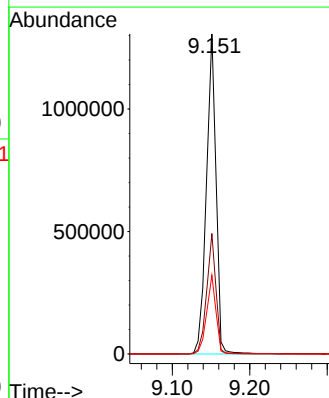
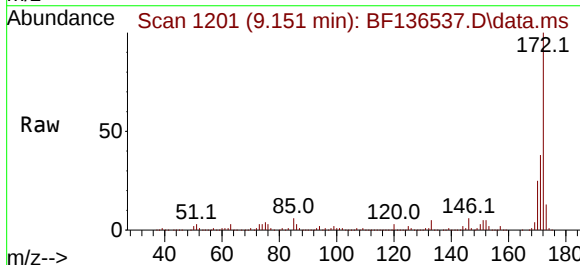
Tgt Ion:172 Resp: 1131874

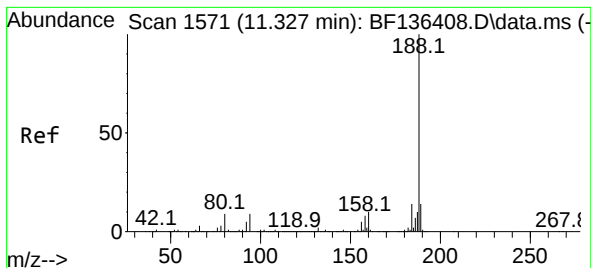
Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

170 24.6 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

Instrument :

BNA_F

ClientSampleId :

P001-WC04-01

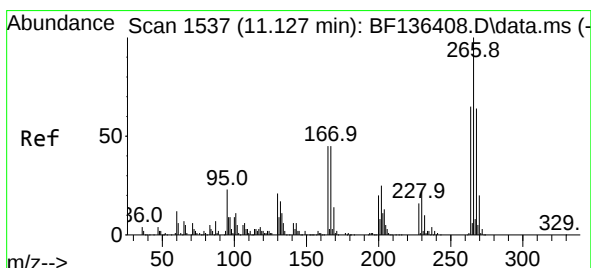
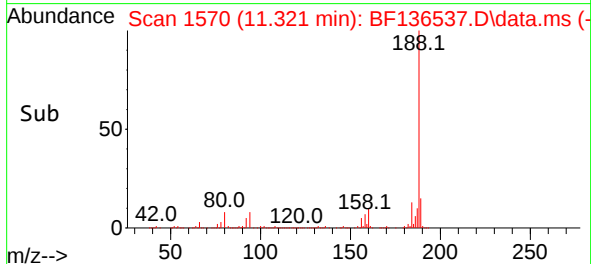
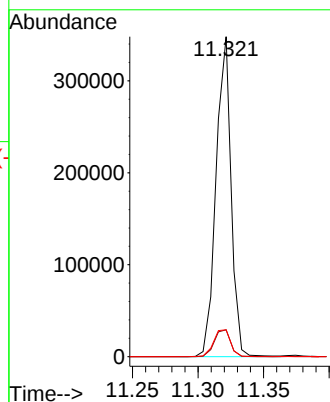
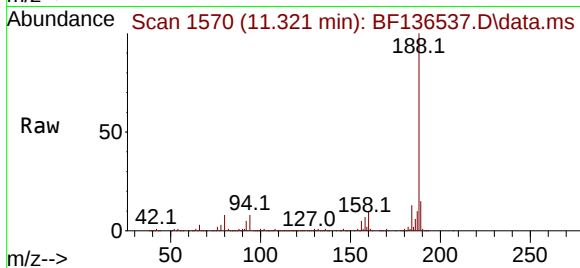
Tgt Ion:188 Resp: 276676

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 8.4 7.2 10.8



#70

Pentachlorophenol

Concen: 3.754 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

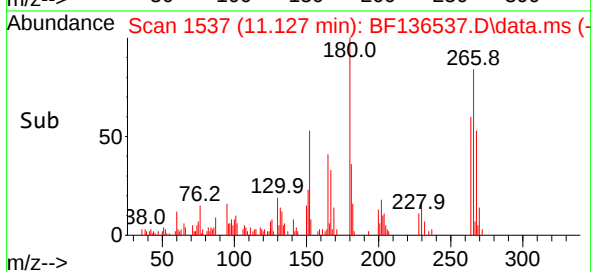
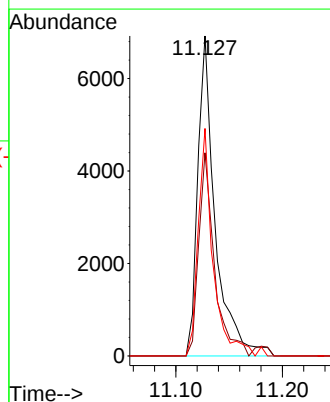
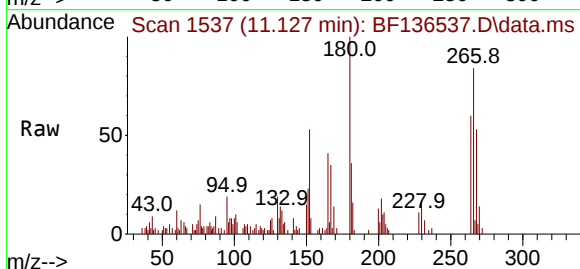
Tgt Ion:266 Resp: 7878

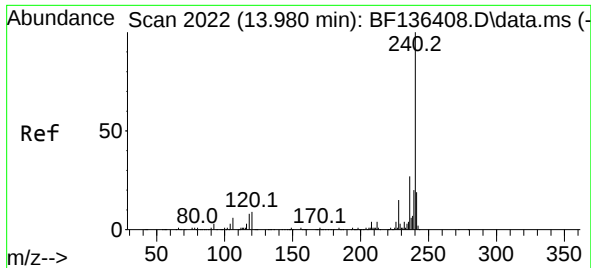
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 71.1 52.2 78.4

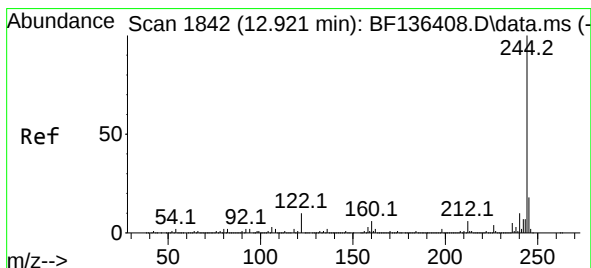
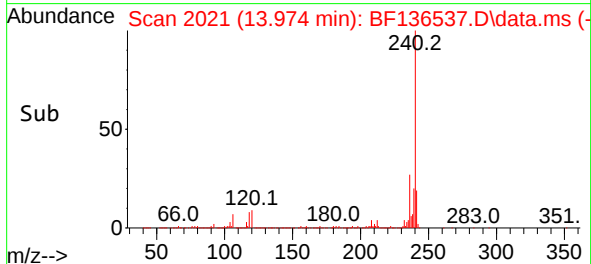
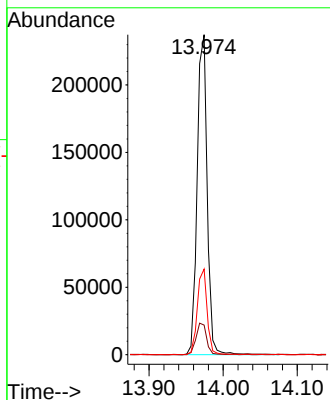
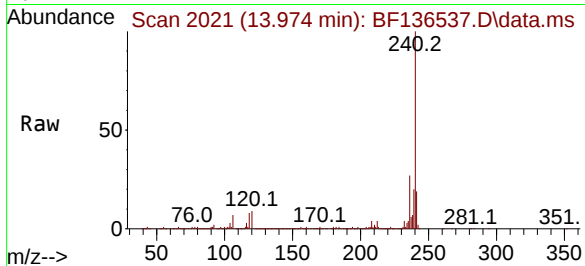




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

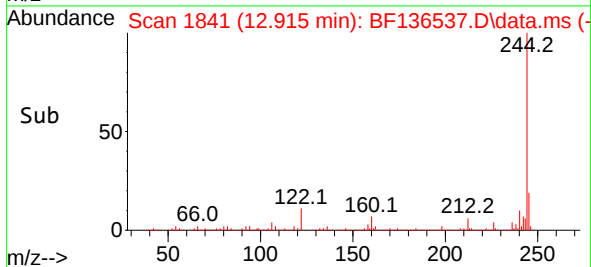
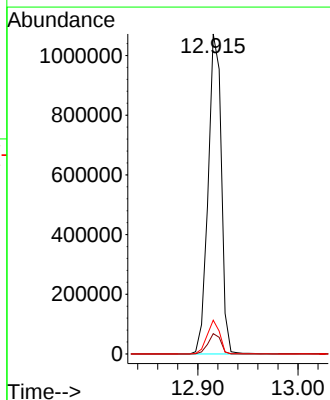
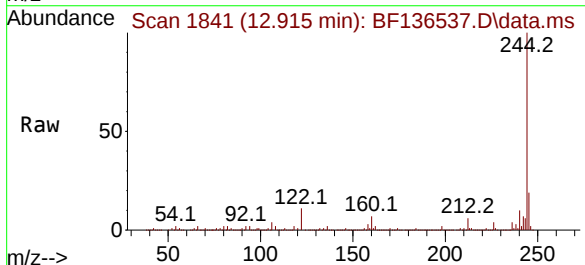
Instrument :
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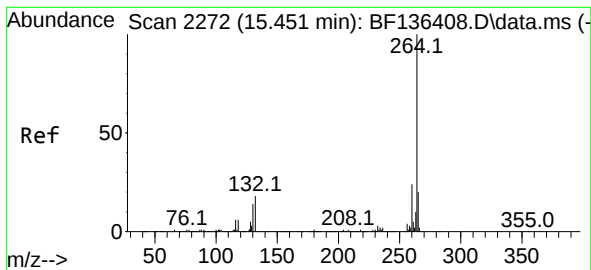
Tgt Ion:240 Resp: 222026
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.7 21.3 31.9



#79
Terphenyl-d14
Concen: 58.339 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

Tgt Ion:244 Resp: 982731
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.5 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136537.D
Acq: 13 Dec 2023 14:41

Instrument :
BNA_F
ClientSampleId :
P001-WC04-01

Tgt Ion:264 Resp: 229239

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	15.9	23.9

