

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136712.D
 Acq On : 26 Dec 2023 11:15
 Operator : CG\JU
 Sample : PB157949BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157949BL

Quant Time: Dec 26 11:33:01 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	6.786	152	89720	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	345085	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	173310	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	334551	20.000	ng	0.00
76) Chrysene-d12	13.963	240	199291	20.000	ng	0.00
86) Perylene-d12	15.445	264	176492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	803951	139.812	ng	0.01
7) Phenol-d6	6.439	99	1000478	134.276	ng	0.00
23) Nitrobenzene-d5	7.351	82	642514	95.275	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	275649	135.048	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1207713	93.725	ng	0.00
79) Terphenyl-d14	12.916	244	1258254	88.231	ng	0.00

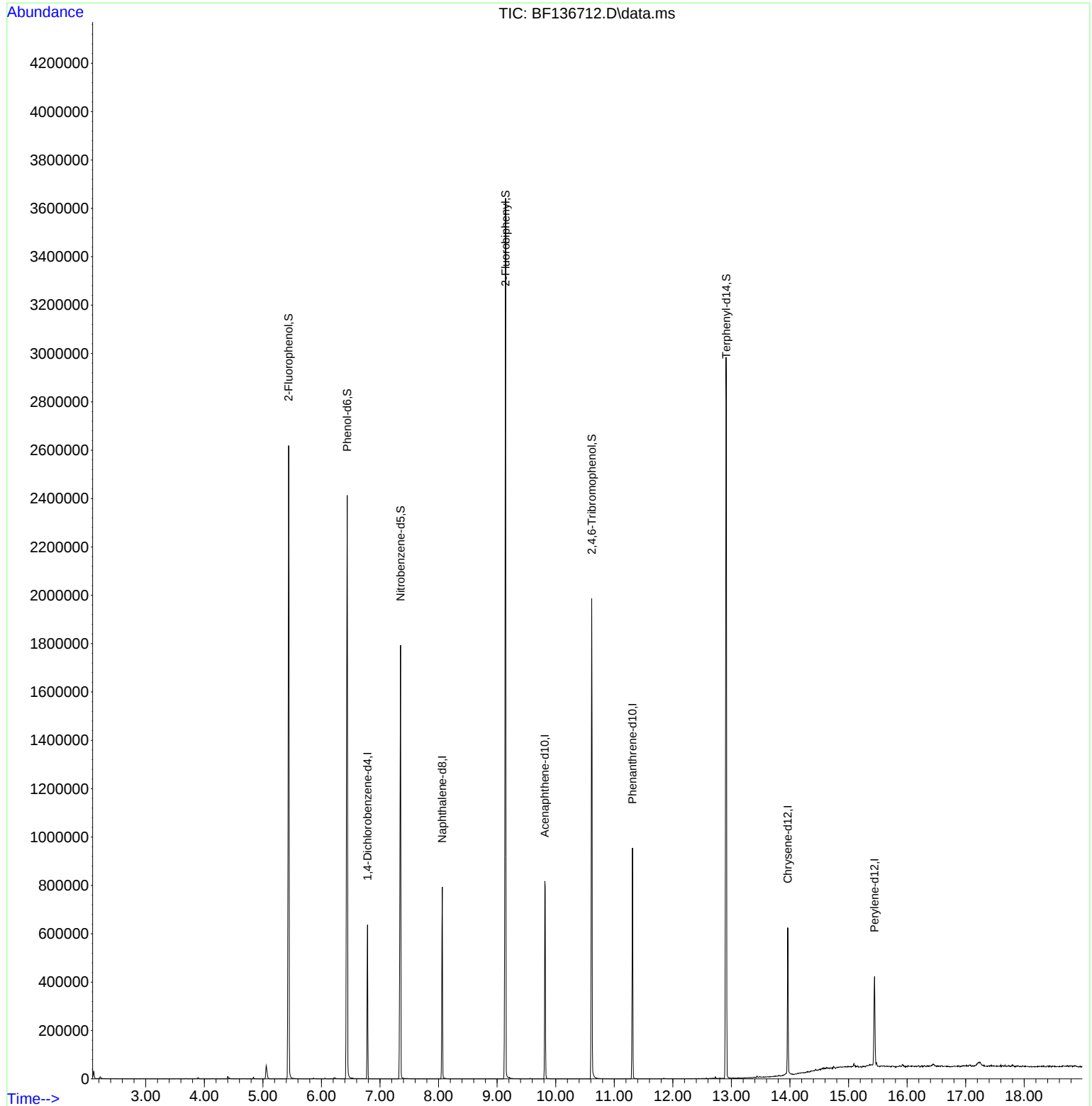
Target Compounds	Qvalue

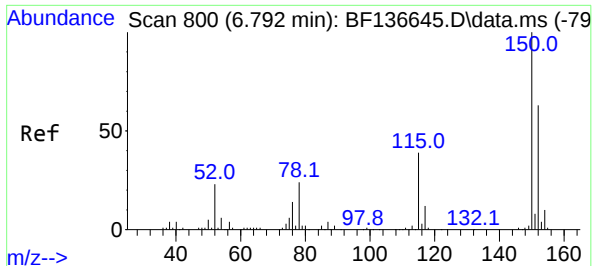
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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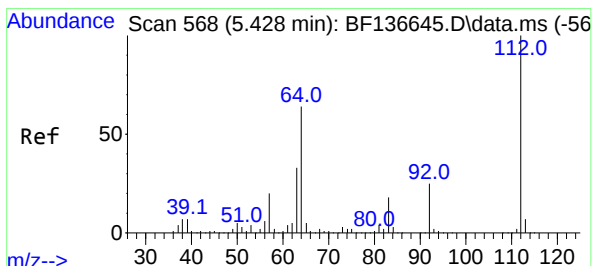
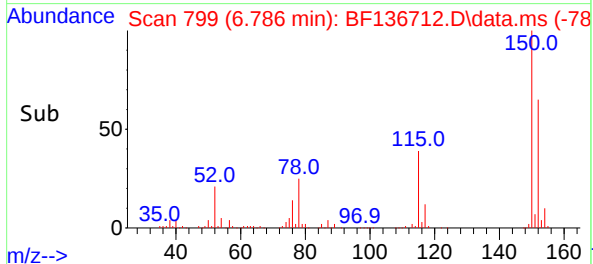
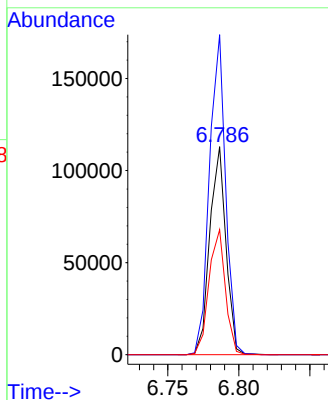
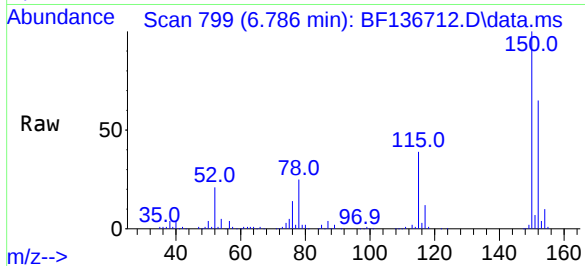




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

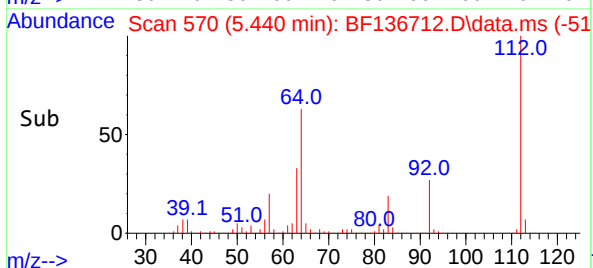
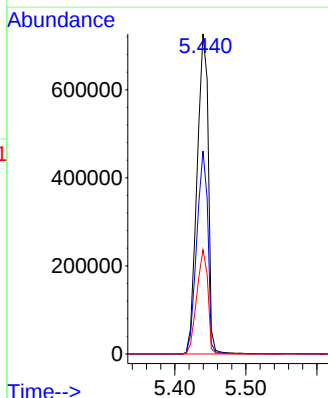
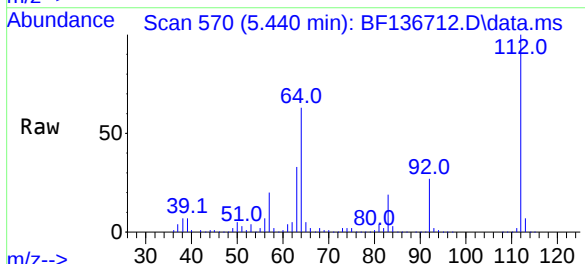
Instrument :
BNA_F
ClientSampleId :
PB157949BL

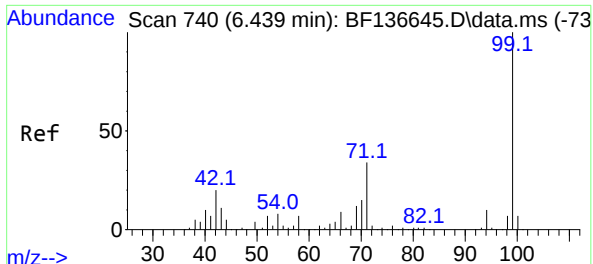
Tgt Ion:152 Resp: 89720
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 60.1 49.0 73.4



#5
2-Fluorophenol
Concen: 139.812 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion:112 Resp: 803951
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 32.6 26.1 39.1



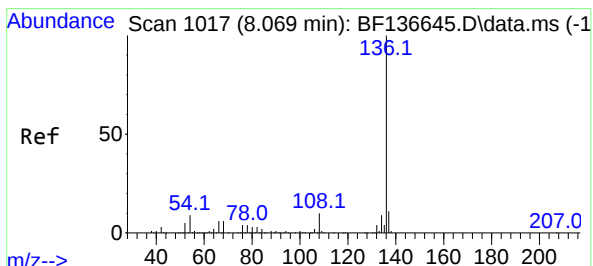
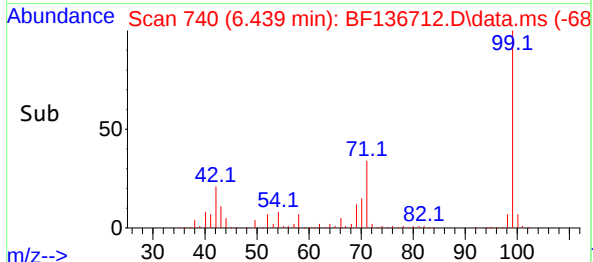
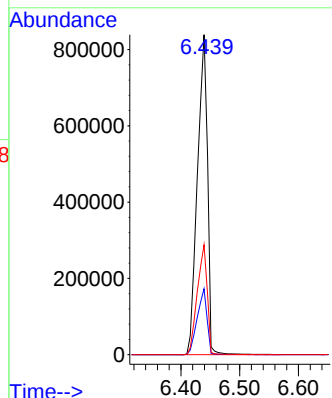
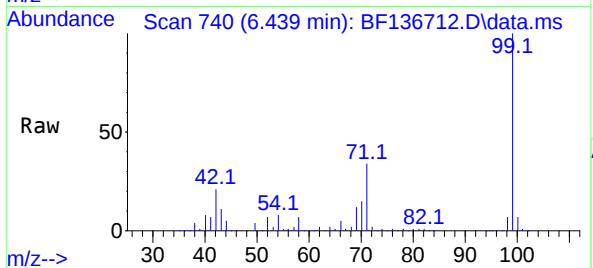


#7
Phenol-d6
Concen: 134.276 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Instrument :
BNA_F
ClientSampleId :
PB157949BL

Tgt Ion: 99 Resp: 1000478

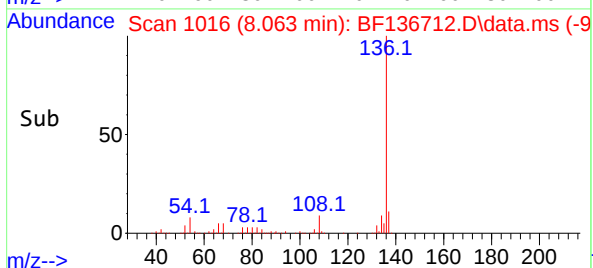
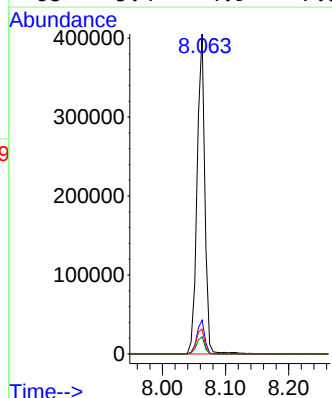
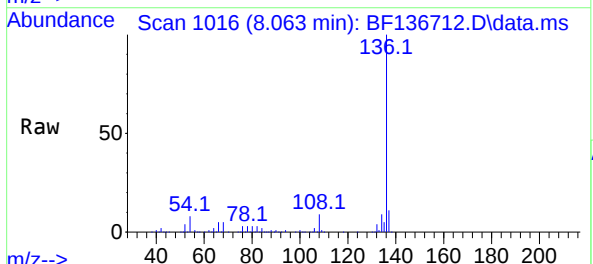
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.1	24.1
71	34.4	27.4	41.2

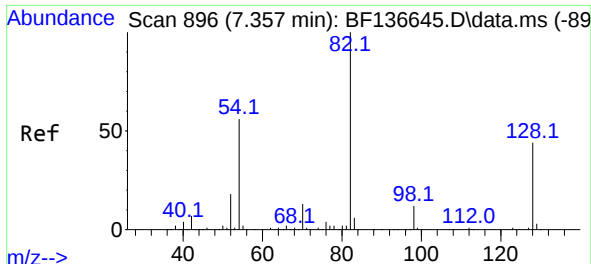


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion: 136 Resp: 345085

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.8	7.2	10.8
68	5.4	4.9	7.3

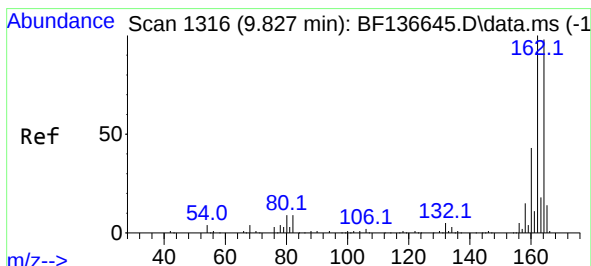
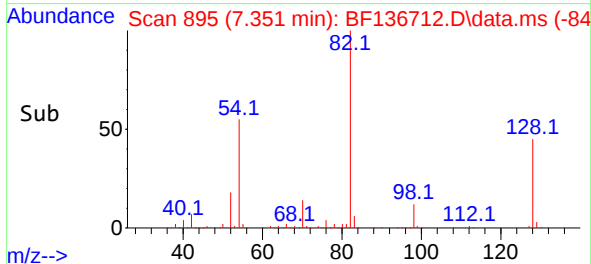
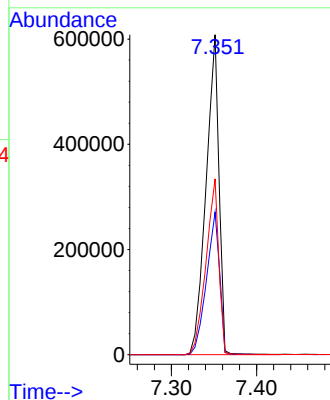
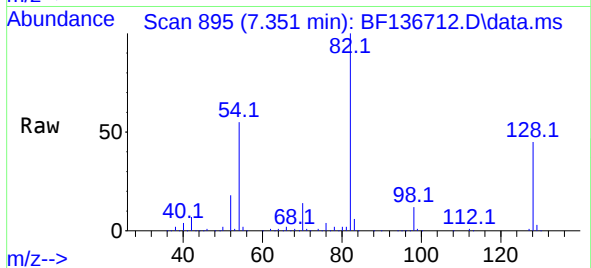




#23
Nitrobenzene-d5
Concen: 95.275 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

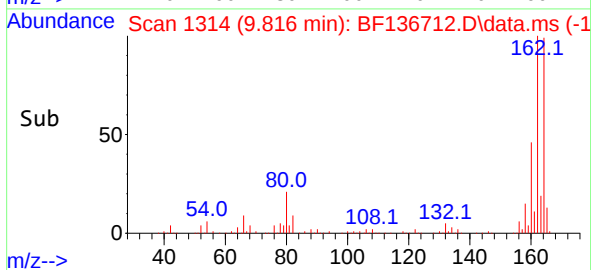
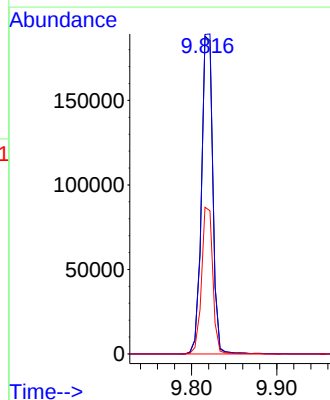
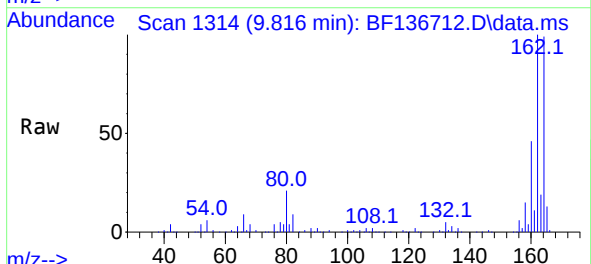
Instrument :
BNA_F
ClientSampleId :
PB157949BL

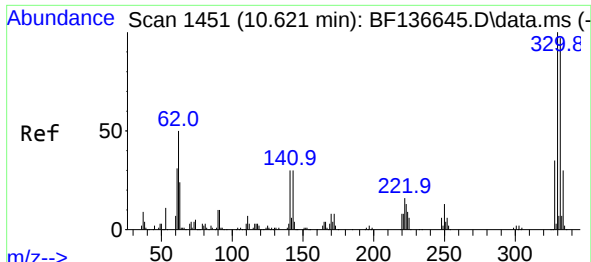
Tgt Ion: 82 Resp: 642514
Ion Ratio Lower Upper
82 100
128 44.6 35.3 52.9
54 55.0 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

Tgt Ion:164 Resp: 173310
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 46.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 135.048 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136712.D

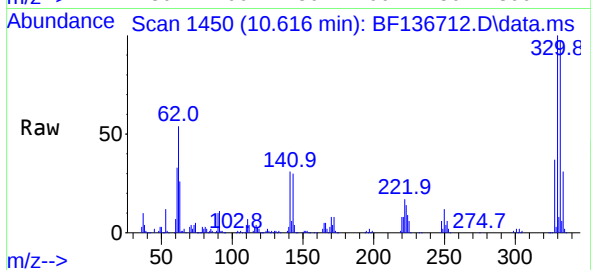
Acq: 26 Dec 2023 11:15

Instrument :

BNA_F

ClientSampleId :

PB157949BL



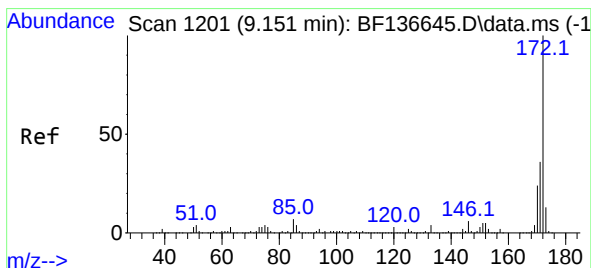
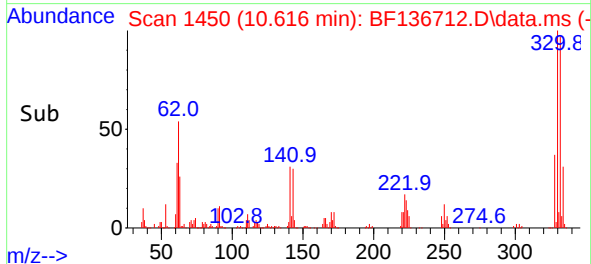
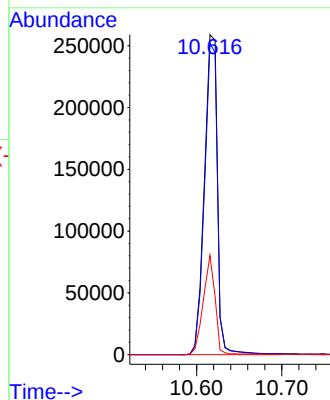
Tgt Ion:330 Resp: 275649

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.725 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136712.D

Acq: 26 Dec 2023 11:15

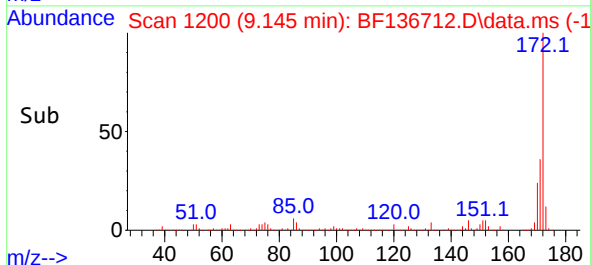
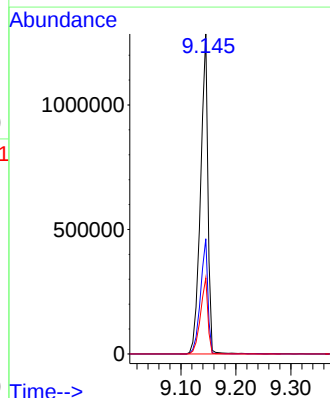
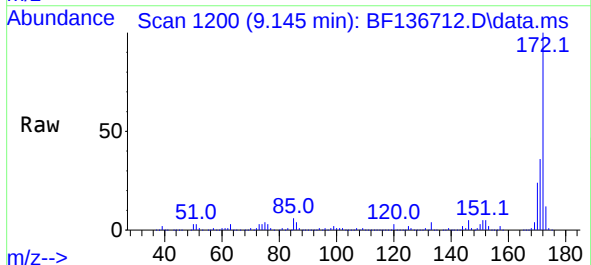
Tgt Ion:172 Resp: 1207713

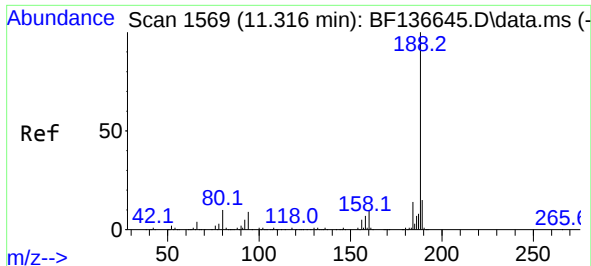
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.8 19.0 28.4

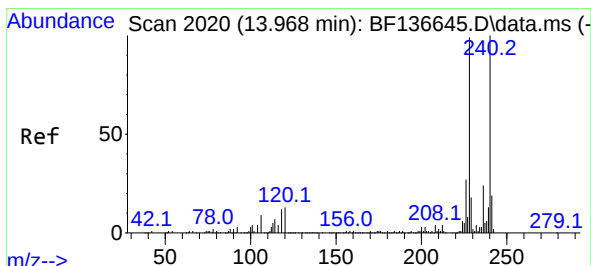
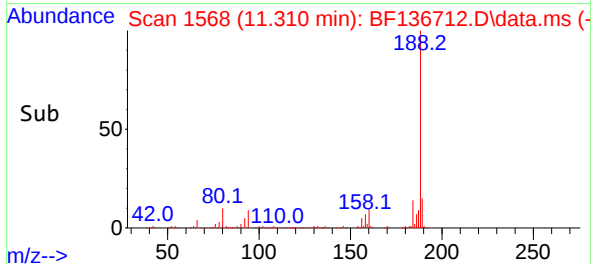
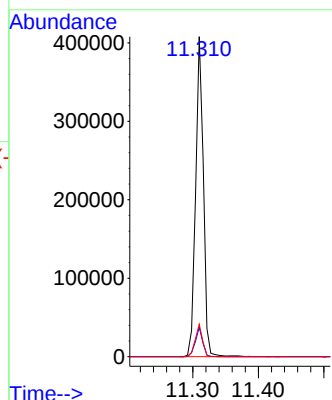
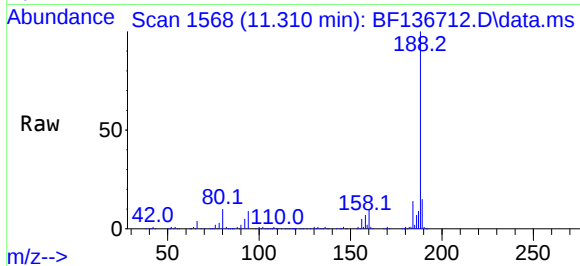




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

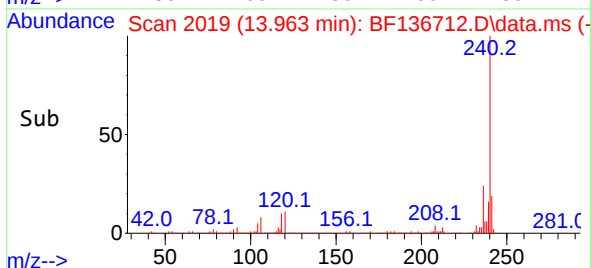
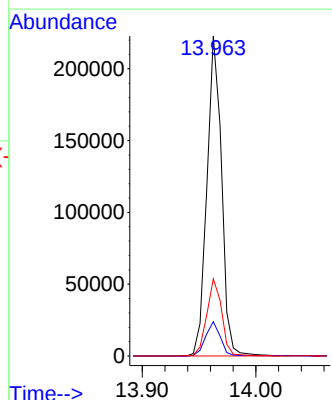
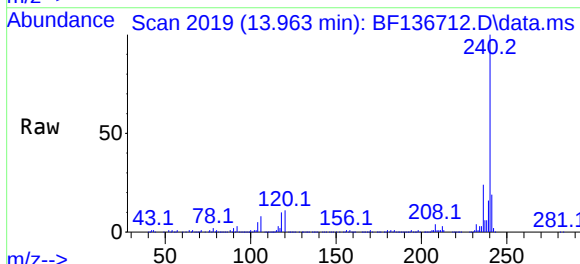
Instrument :
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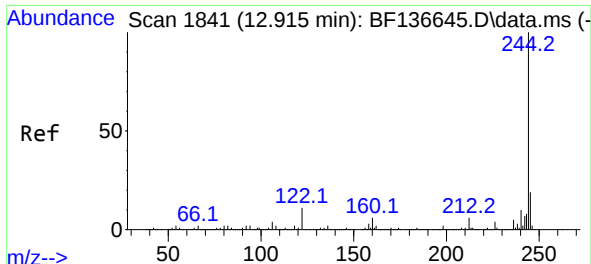
Tgt Ion:188 Resp: 334551
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136712.D
Acq: 26 Dec 2023 11:15

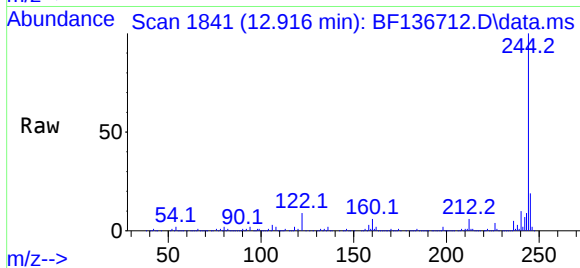
Tgt Ion:240 Resp: 199291
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 24.1 19.4 29.2





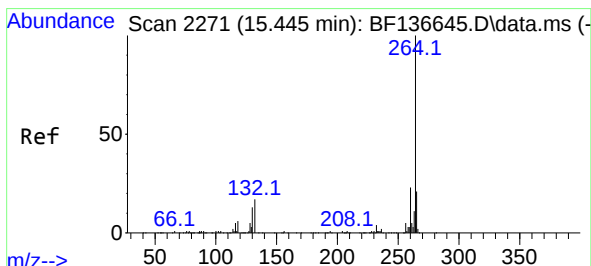
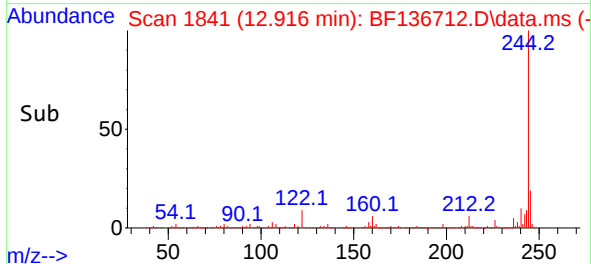
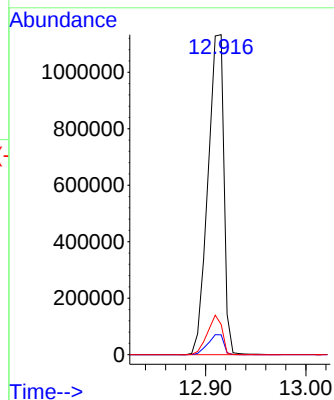
#79
 Terphenyl-d14
 Concen: 88.231 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136712.D
 Acq: 26 Dec 2023 11:15

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1258254

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	9.5	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136712.D
 Acq: 26 Dec 2023 11:15

Tgt Ion:264 Resp: 176492

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	19.9	17.0	25.6

