

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136254.D
 Acq On : 28 Nov 2023 17:53
 Operator : CG\JU
 Sample : 05468-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Nov 29 00:47:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	128231	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	539216	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	275849	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	514272	20.000	ng	0.00
76) Chrysene-d12	13.980	240	235843	20.000	ng	-0.01
86) Perylene-d12	15.457	264	242089	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1137247	123.440	ng	0.00
7) Phenol-d6	6.440	99	1424463	123.655	ng	0.00
23) Nitrobenzene-d5	7.363	82	894587	87.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	452195	134.084	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1945503	90.085	ng	0.00
79) Terphenyl-d14	12.927	244	2080853	101.773	ng	0.00

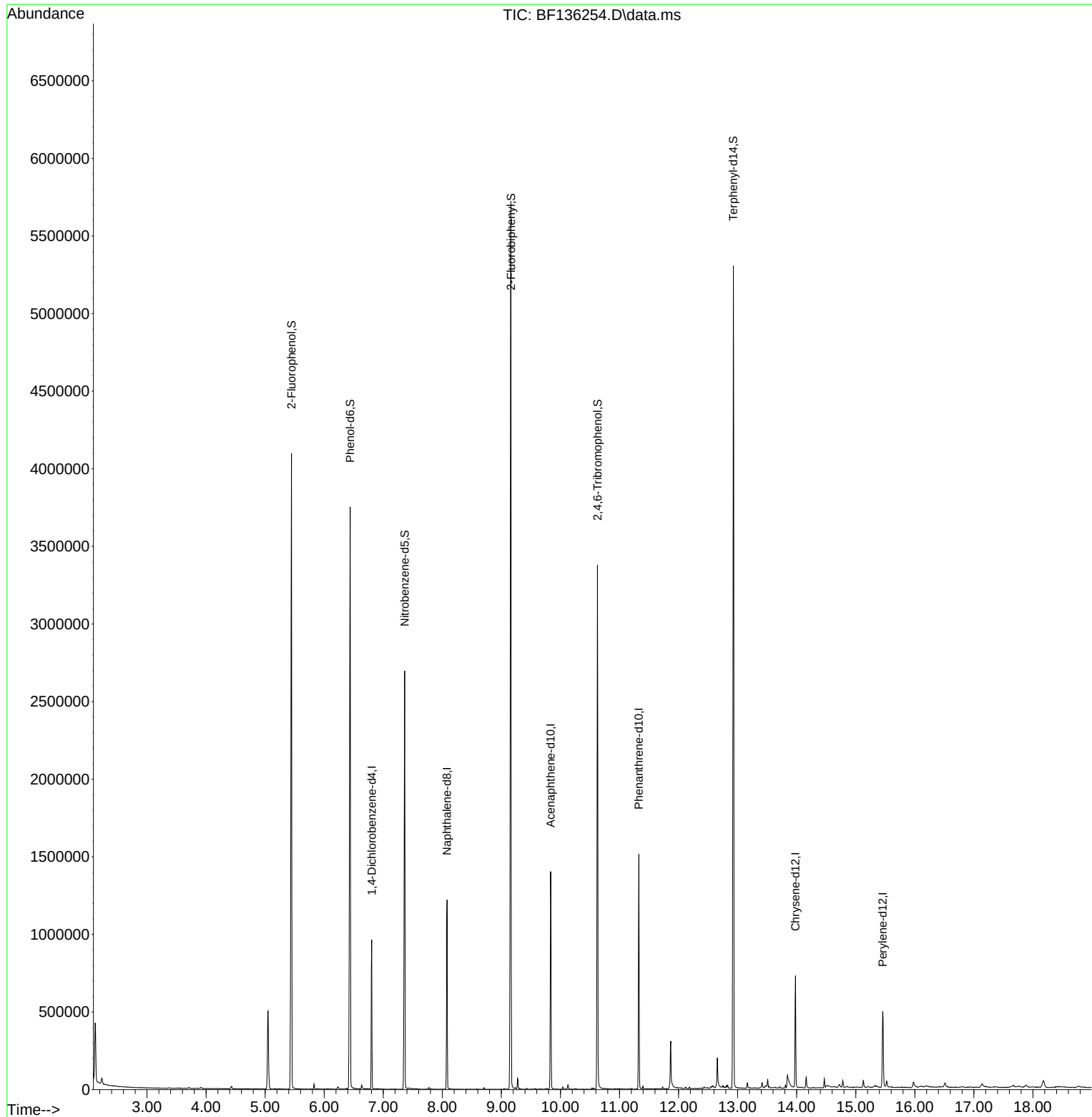
Target Compounds	Qvalue

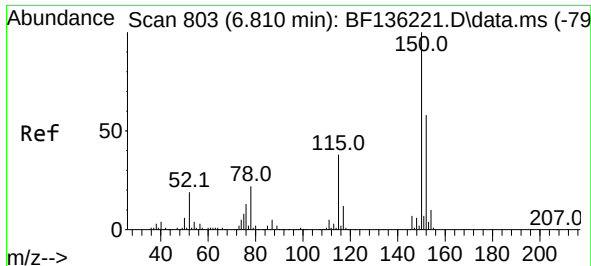
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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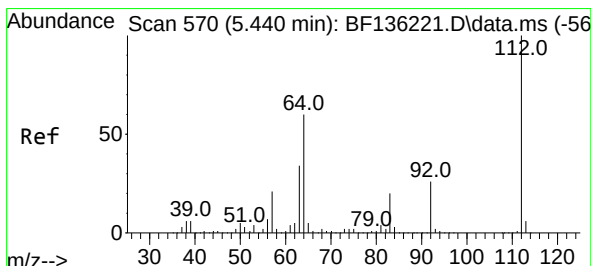
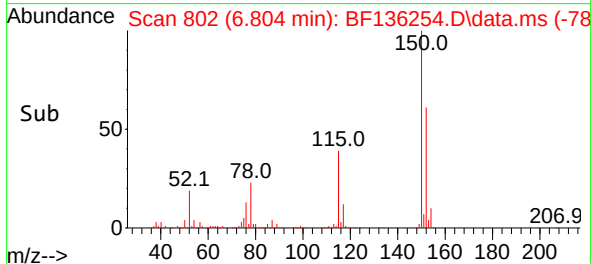
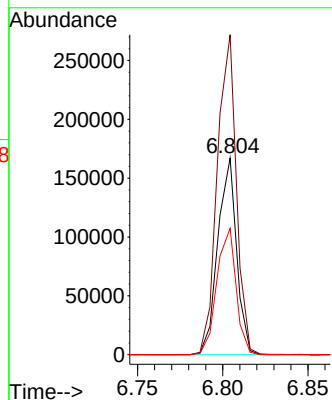
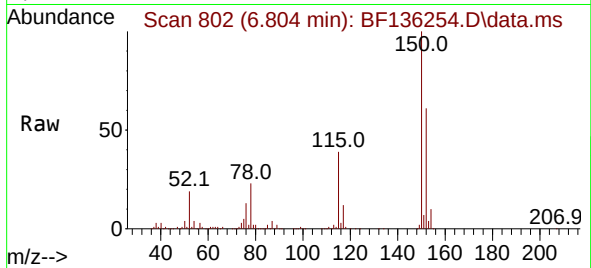




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136254.D
Acq: 28 Nov 2023 17:53

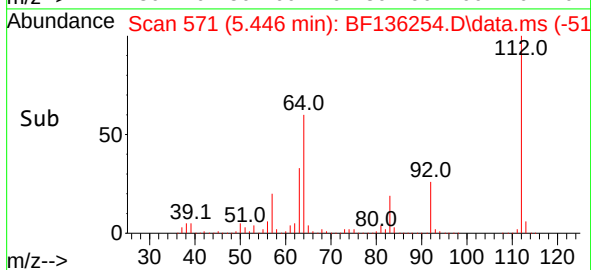
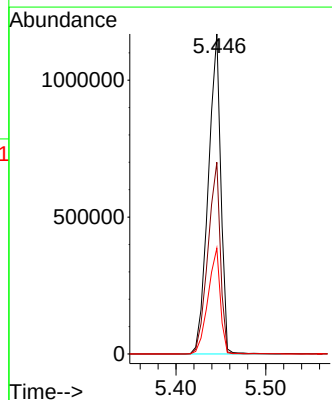
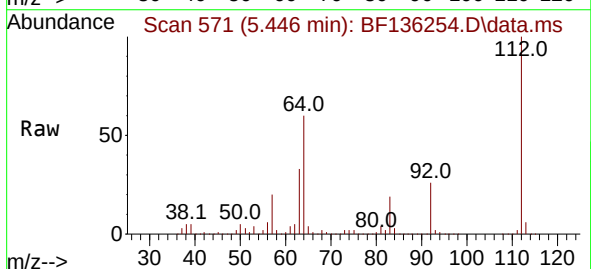
Instrument :
BNA_F
ClientSampleId :
TP-9

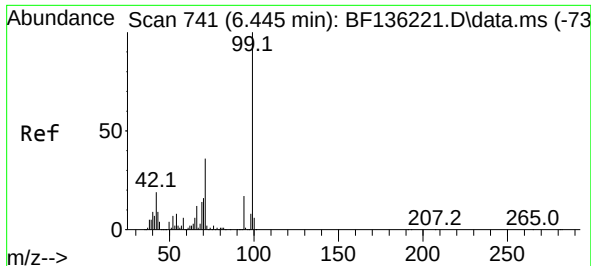
Tgt Ion:152 Resp: 128231
Ion Ratio Lower Upper
152 100
150 162.7 137.8 206.8
115 64.2 52.7 79.1



#5
2-Fluorophenol
Concen: 123.440 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136254.D
Acq: 28 Nov 2023 17:53

Tgt Ion:112 Resp: 1137247
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.4
63 33.1 27.0 40.6



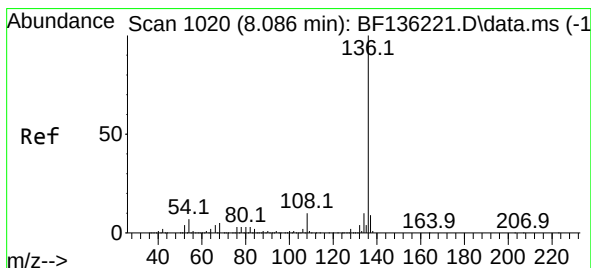
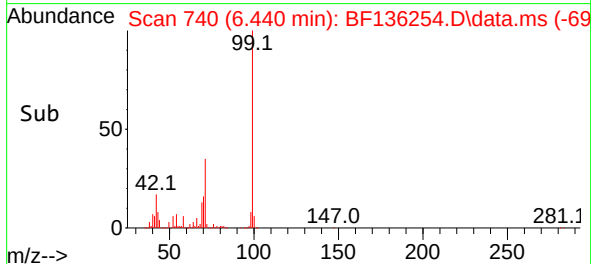
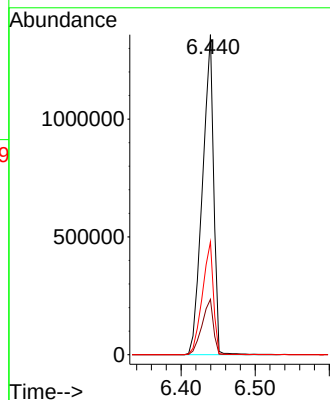
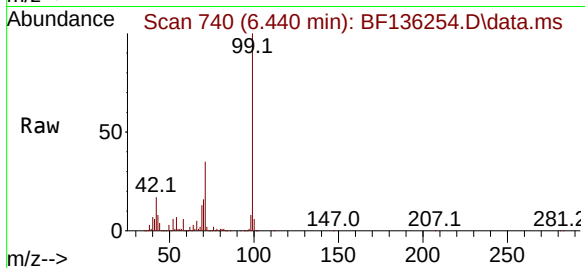


#7
Phenol-d6
Concen: 123.655 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136254.D
Acq: 28 Nov 2023 17:53

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 1424463

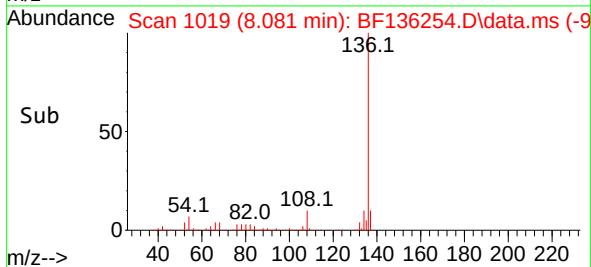
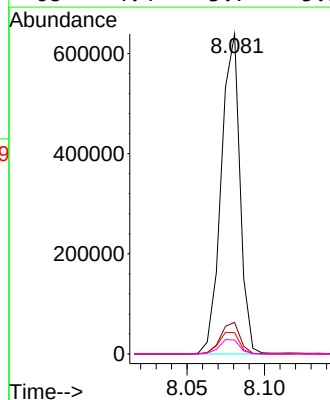
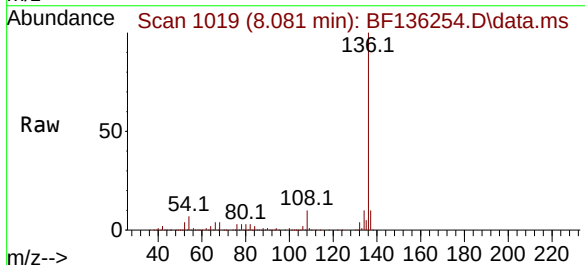
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.6
71	35.3	28.9	43.3

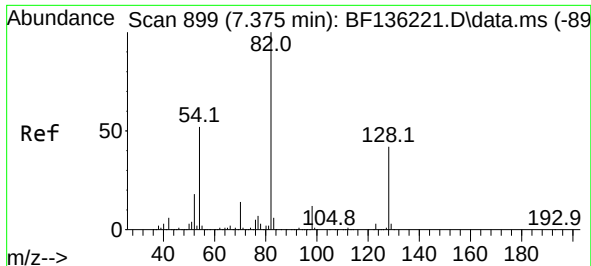


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136254.D
Acq: 28 Nov 2023 17:53

Tgt Ion: 136 Resp: 539216

Ion	Ratio	Lower	Upper
136	100		
137	9.8	7.4	11.2
54	6.7	5.5	8.3
68	4.4	3.7	5.5





#23

Nitrobenzene-d5

Concen: 87.670 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136254.D

Acq: 28 Nov 2023 17:53

Instrument :

BNA_F

ClientSampleId :

TP-9

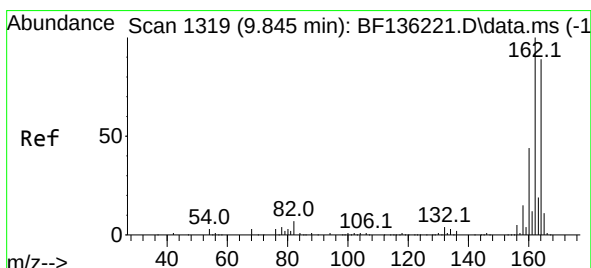
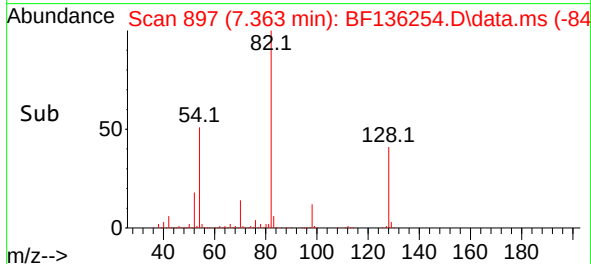
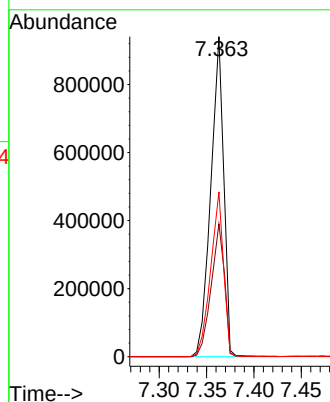
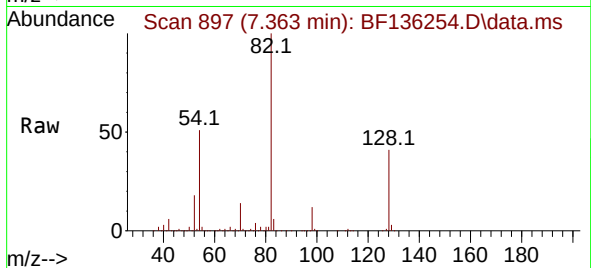
Tgt Ion: 82 Resp: 894587

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.2

54 51.5 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF136254.D

Acq: 28 Nov 2023 17:53

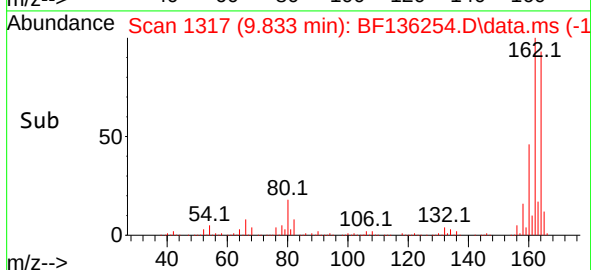
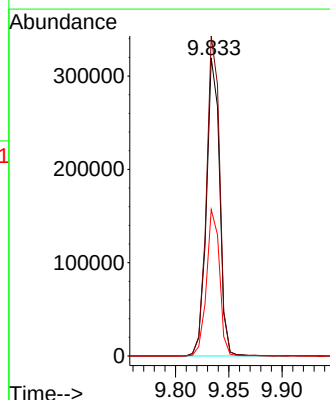
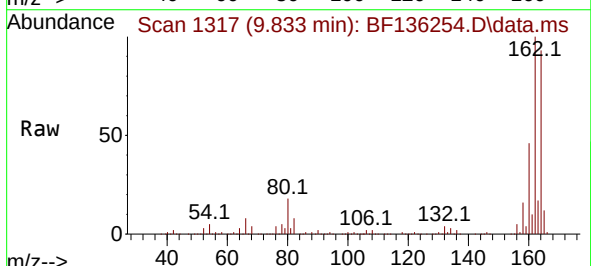
Tgt Ion:164 Resp: 275849

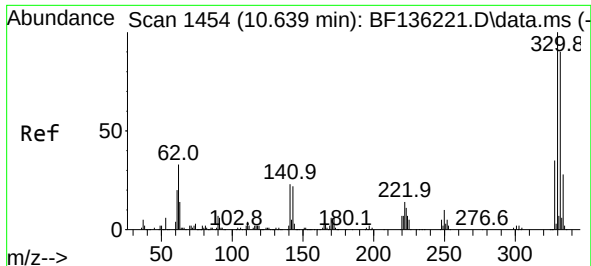
Ion Ratio Lower Upper

164 100

162 107.4 89.5 134.3

160 49.1 39.6 59.4

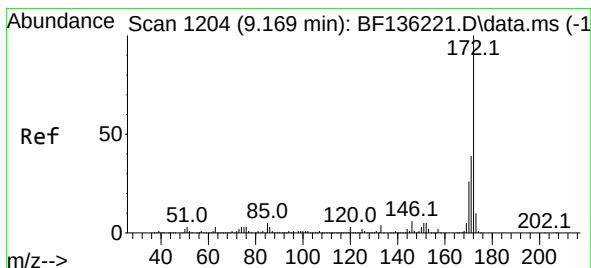
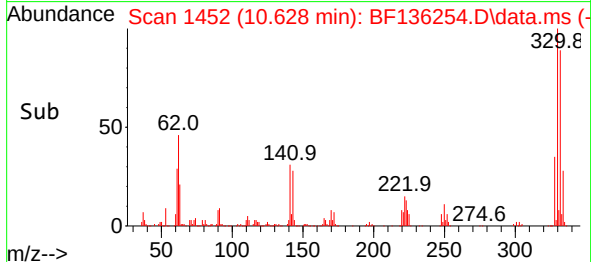
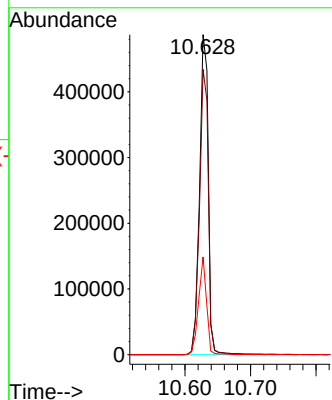
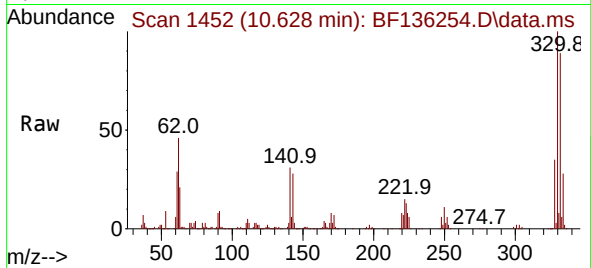




#42
2,4,6-Tribromophenol
Concen: 134.084 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136254.D
Acq: 28 Nov 2023 17:53

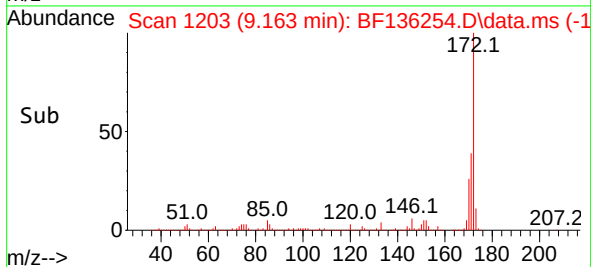
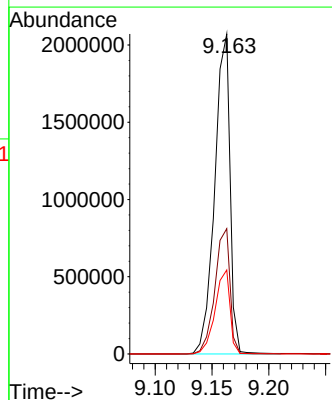
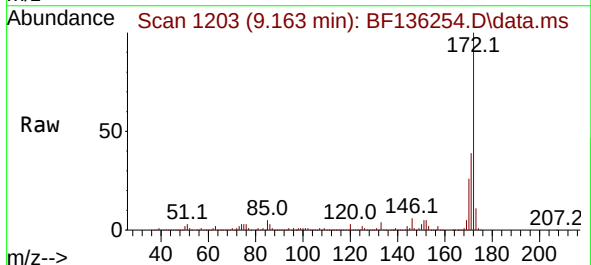
Instrument :
BNA_F
ClientSampleId :
TP-9

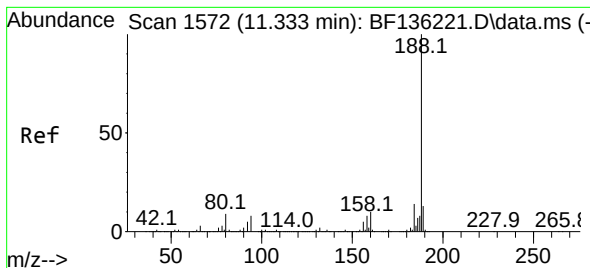
Tgt Ion:330 Resp: 452195
Ion Ratio Lower Upper
330 100
332 90.5 73.0 109.6
141 28.3 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 90.085 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136254.D
Acq: 28 Nov 2023 17:53

Tgt Ion:172 Resp: 1945503
Ion Ratio Lower Upper
172 100
171 39.2 31.5 47.3
170 26.2 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136254.D

Acq: 28 Nov 2023 17:53

Instrument :

BNA_F

ClientSampleId :

TP-9

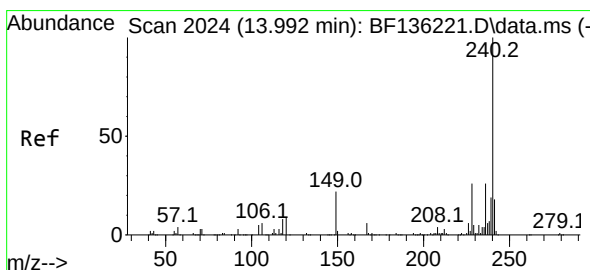
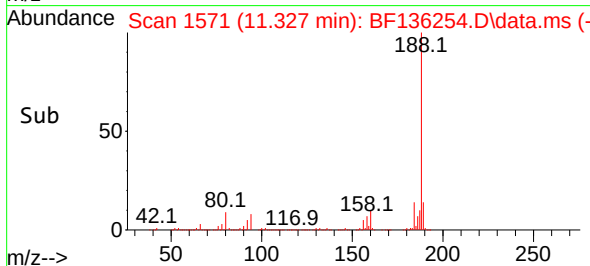
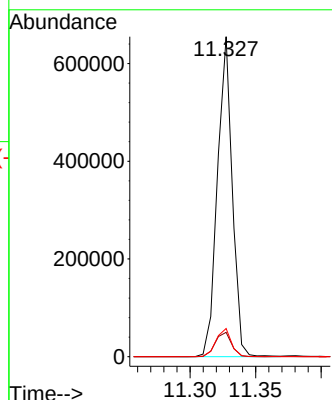
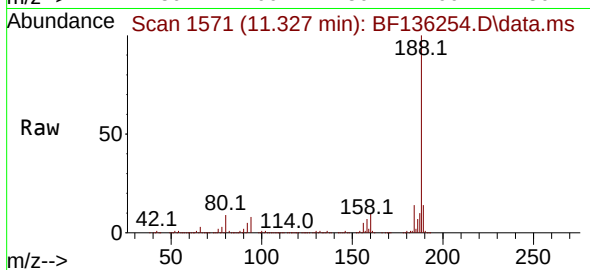
Tgt Ion:188 Resp: 514272

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

80 8.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136254.D

Acq: 28 Nov 2023 17:53

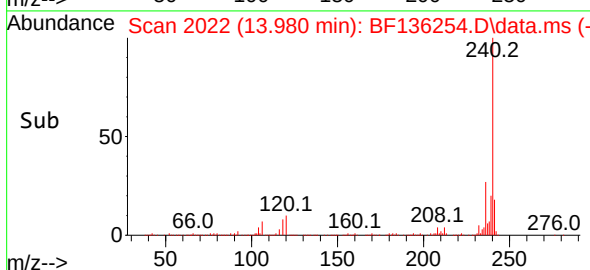
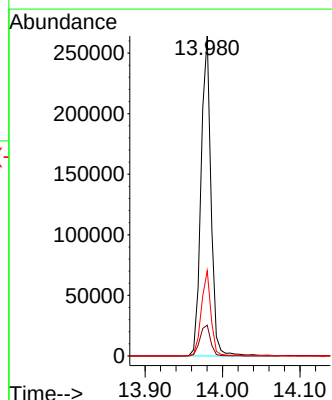
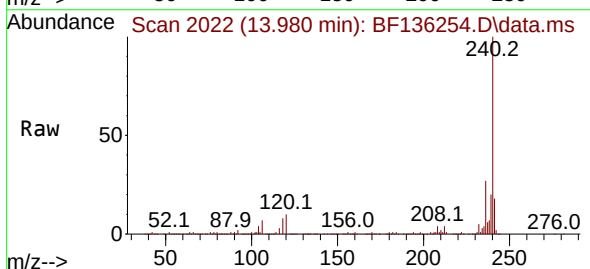
Tgt Ion:240 Resp: 235843

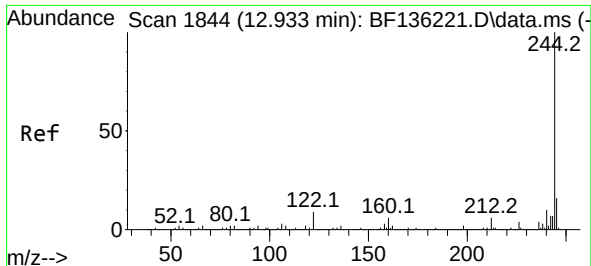
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.6 21.1 31.7

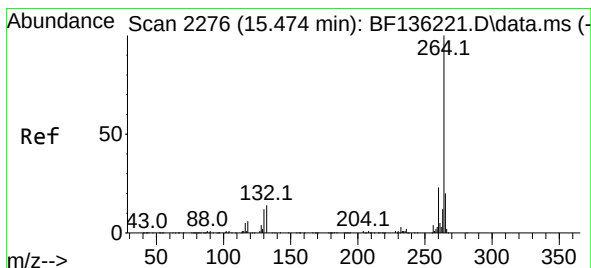
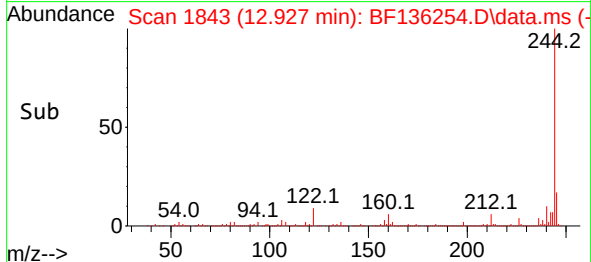
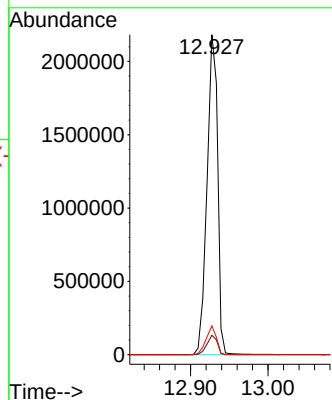
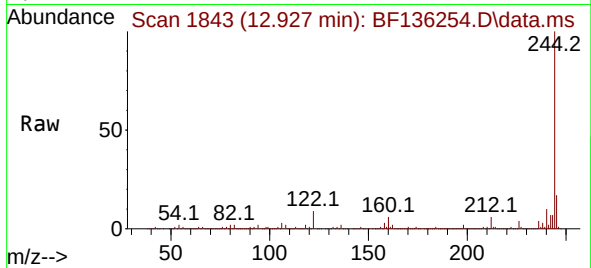




#79
 Terphenyl-d14
 Concen: 101.773 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136254.D
 Acq: 28 Nov 2023 17:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 2080853
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.0 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.017 min
 Lab File: BF136254.D
 Acq: 28 Nov 2023 17:53

Tgt Ion:264 Resp: 242089
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 21.3 15.7 23.5

