

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136236.D
 Acq On : 27 Nov 2023 22:38
 Operator : CG\JU
 Sample : 05516-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Quant Time: Nov 28 04:13:28 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	144320	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	616832	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319998	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	579844	20.000	ng	0.00
76) Chrysene-d12	13.980	240	264857	20.000	ng	-0.01
86) Perylene-d12	15.462	264	238726	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1249587	120.513	ng	0.02
7) Phenol-d6	6.439	99	1439966	111.066	ng	0.00
23) Nitrobenzene-d5	7.369	82	1040682	89.154	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	514338	131.469	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2147532	85.721	ng	0.00
79) Terphenyl-d14	12.933	244	2221407	96.745	ng	0.00

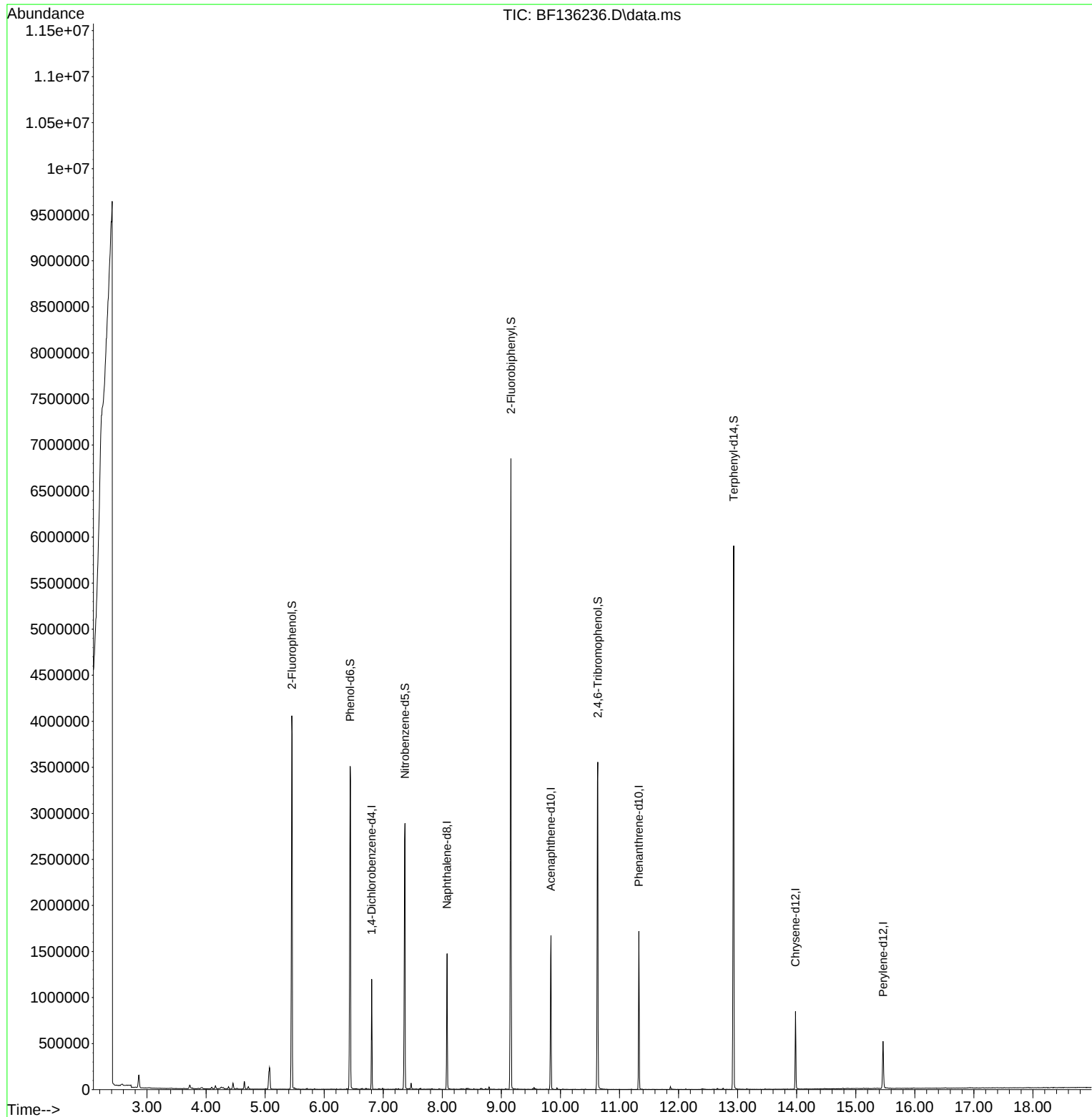
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136236.D
Acq On : 27 Nov 2023 22:38
Operator : CG\JU
Sample : 05516-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930

Quant Time: Nov 28 04:13:28 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

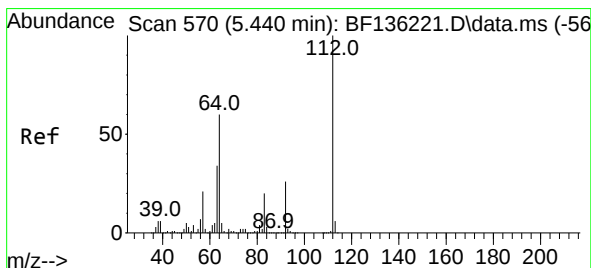
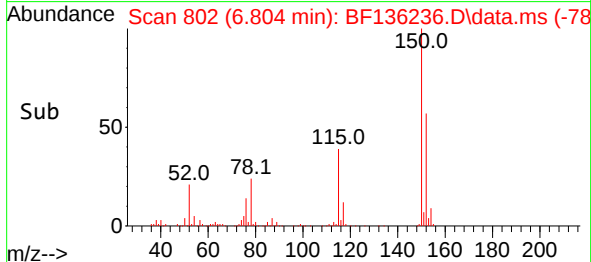
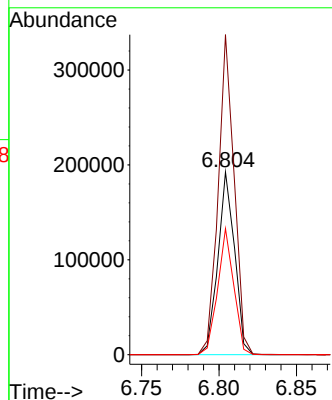
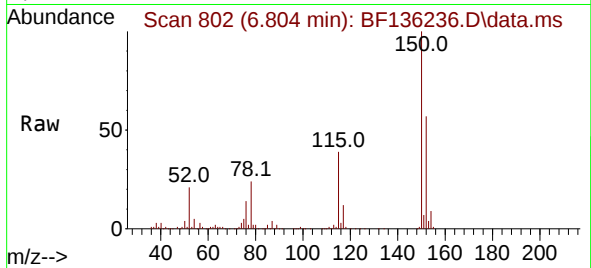




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136236.D
Acq: 27 Nov 2023 22:38

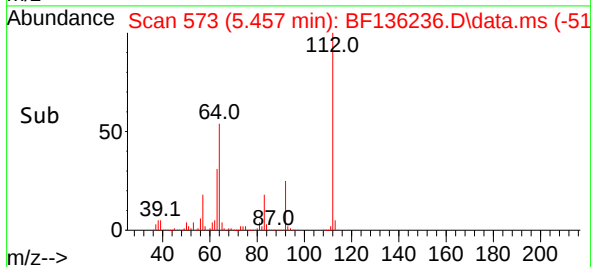
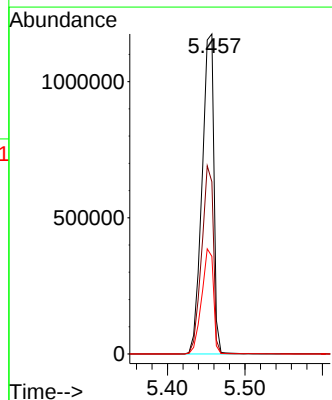
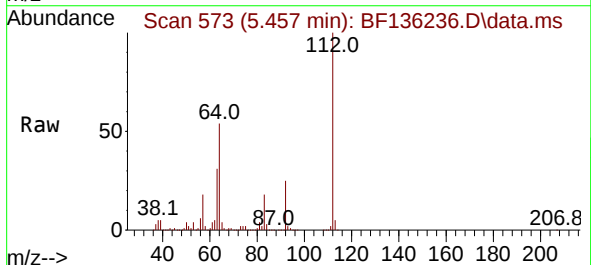
Instrument :
BNA_F
ClientSampleId :
72-11930

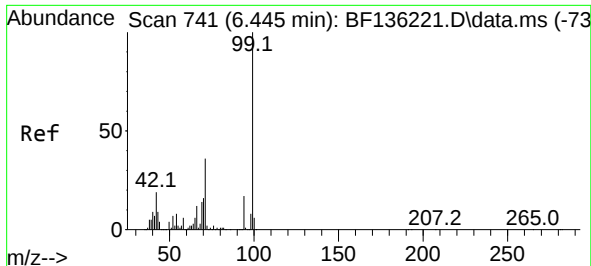
Tgt Ion:152 Resp: 144320
Ion Ratio Lower Upper
152 100
150 175.2 137.8 206.8
115 69.0 52.7 79.1



#5
2-Fluorophenol
Concen: 120.513 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136236.D
Acq: 27 Nov 2023 22:38

Tgt Ion:112 Resp: 1249587
Ion Ratio Lower Upper
112 100
64 53.8 48.2 72.4
63 30.5 27.0 40.6





#7

Phenol-d6

Concen: 111.066 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136236.D

Acq: 27 Nov 2023 22:38

Instrument :

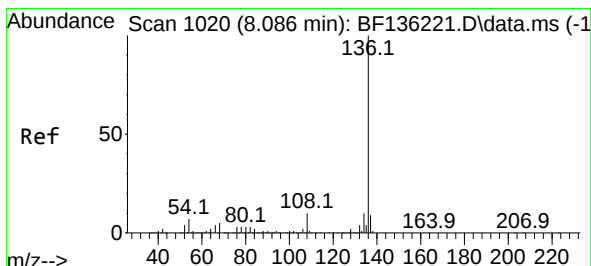
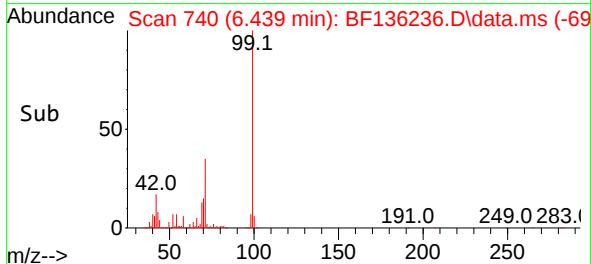
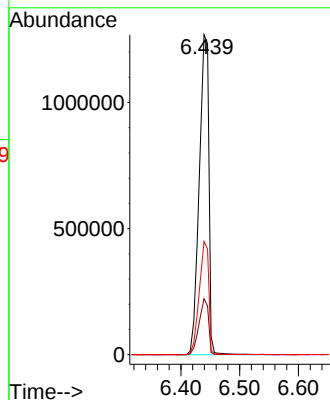
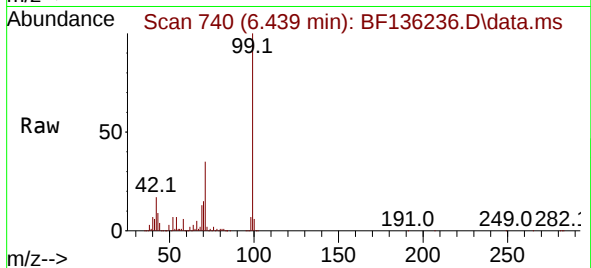
BNA_F

ClientSampleId :

72-11930

Tgt Ion: 99 Resp: 1439966

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.6
71	35.4	28.9	43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

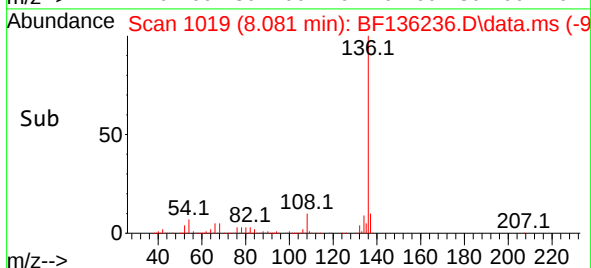
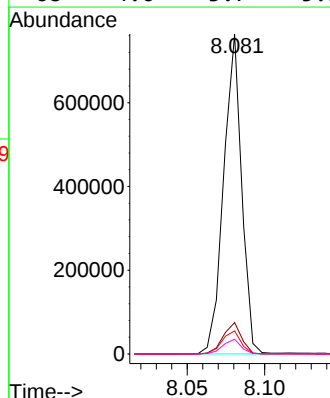
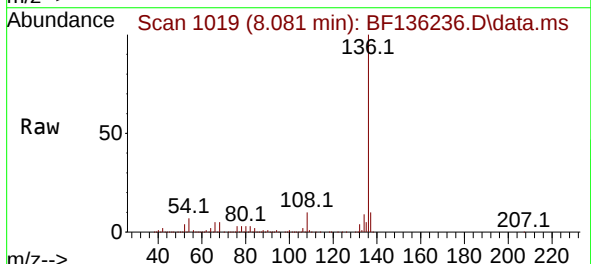
Delta R.T. -0.006 min

Lab File: BF136236.D

Acq: 27 Nov 2023 22:38

Tgt Ion: 136 Resp: 616832

Ion	Ratio	Lower	Upper
136	100		
137	9.8	7.4	11.2
54	7.2	5.5	8.3
68	4.6	3.7	5.5





#23

Nitrobenzene-d5

Concen: 89.154 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136236.D

Acq: 27 Nov 2023 22:38

Instrument :

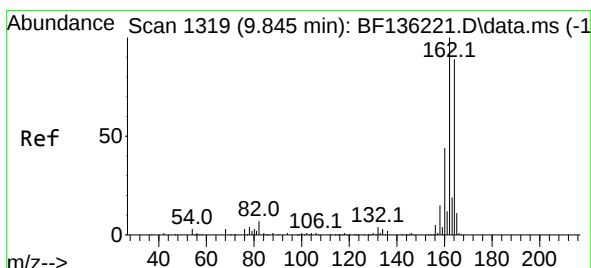
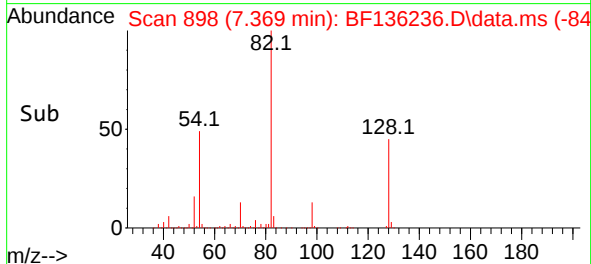
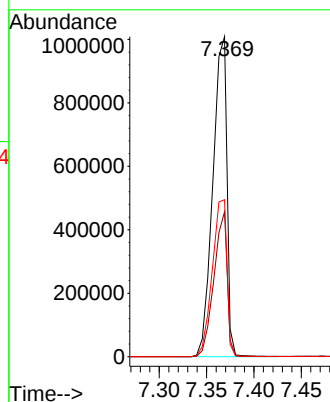
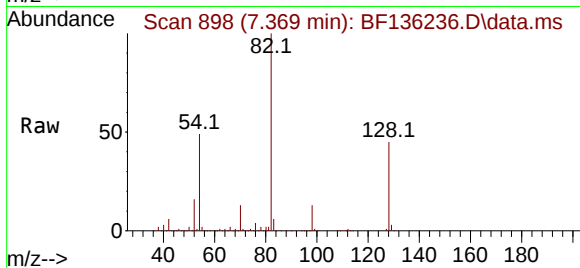
BNA_F

ClientSampleId :

72-11930

Tgt Ion: 82 Resp: 1040682

Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.4	50.2
54	49.1	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

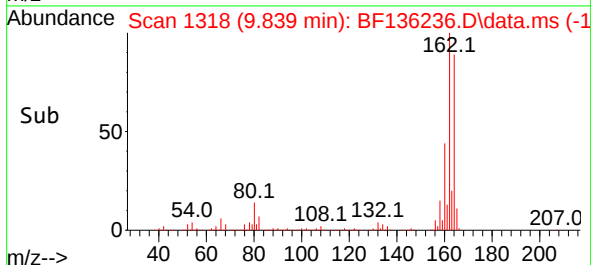
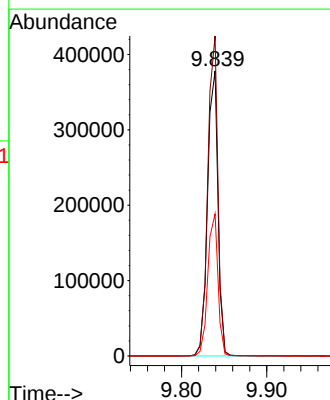
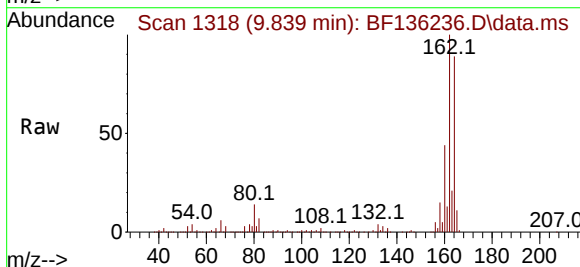
Delta R.T. -0.006 min

Lab File: BF136236.D

Acq: 27 Nov 2023 22:38

Tgt Ion: 164 Resp: 319998

Ion	Ratio	Lower	Upper
164	100		
162	112.3	89.5	134.3
160	49.8	39.6	59.4





#42

2,4,6-Tribromophenol

Concen: 131.469 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136236.D

Acq: 27 Nov 2023 22:38

Instrument :

BNA_F

ClientSampleId :

72-11930

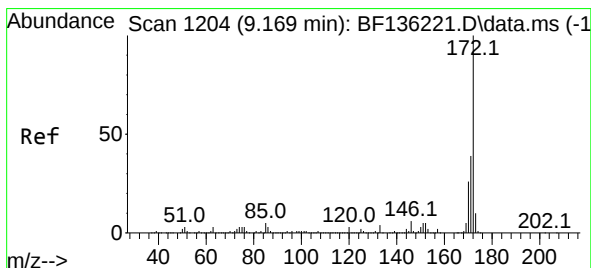
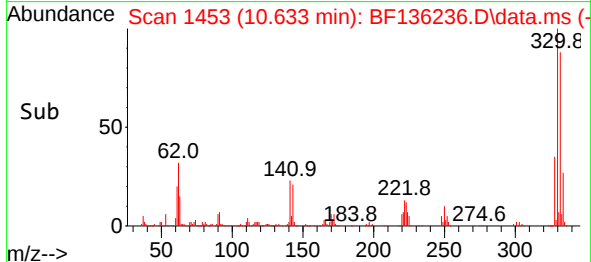
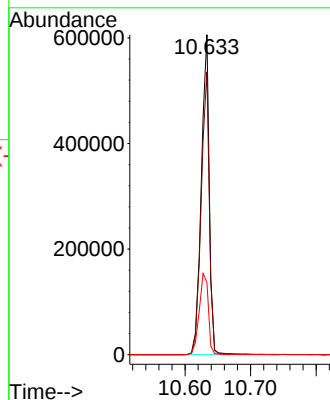
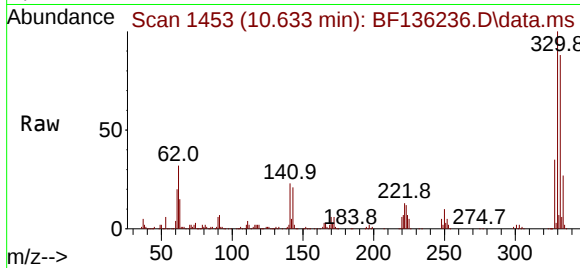
Tgt Ion:330 Resp: 514338

Ion Ratio Lower Upper

330 100

332 90.4 73.0 109.6

141 29.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 85.721 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136236.D

Acq: 27 Nov 2023 22:38

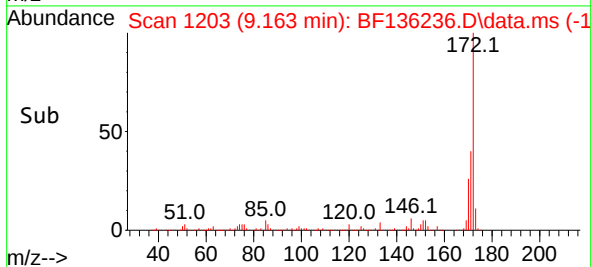
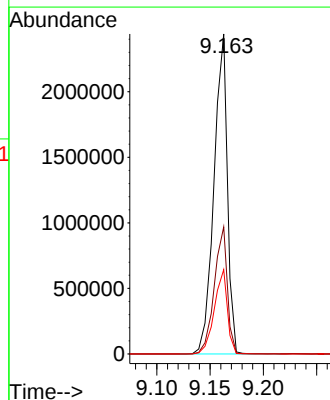
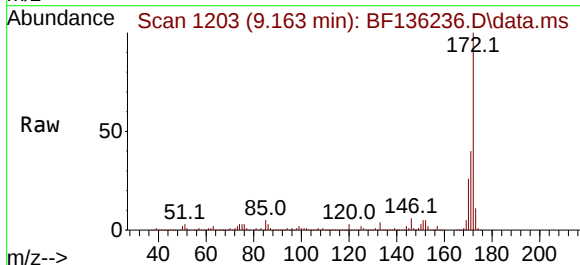
Tgt Ion:172 Resp: 2147532

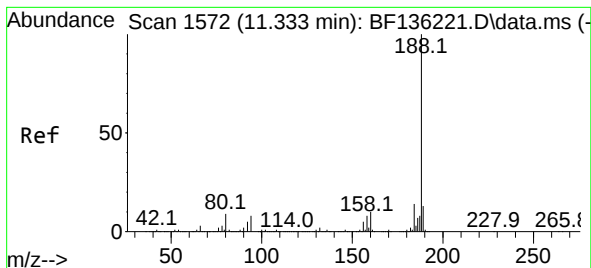
Ion Ratio Lower Upper

172 100

171 39.7 31.5 47.3

170 26.4 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: BF136236.D

Acq: 27 Nov 2023 22:38

Instrument :

BNA_F

ClientSampleId :

72-11930

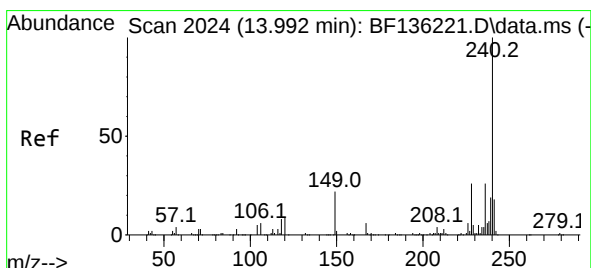
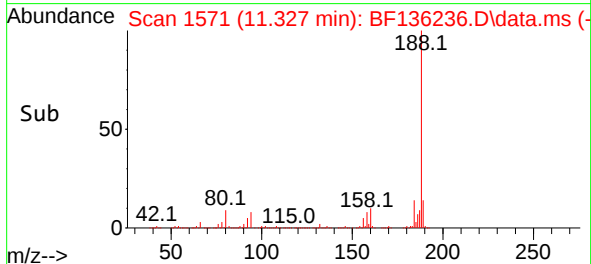
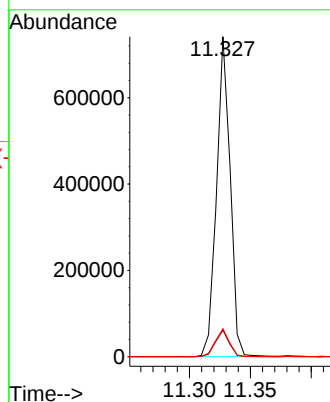
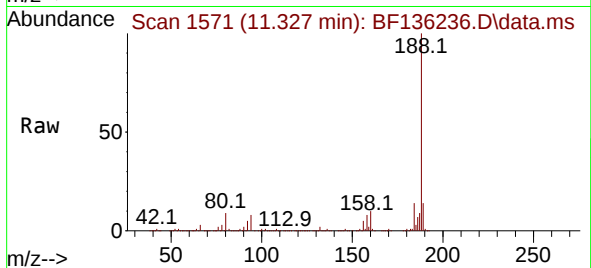
Tgt Ion:188 Resp: 579844

Ion Ratio Lower Upper

188 100

94 8.2 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: BF136236.D

Acq: 27 Nov 2023 22:38

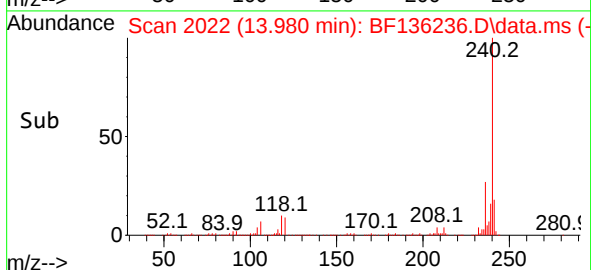
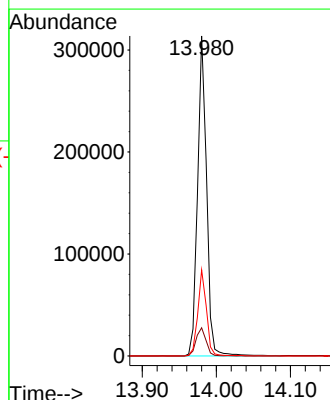
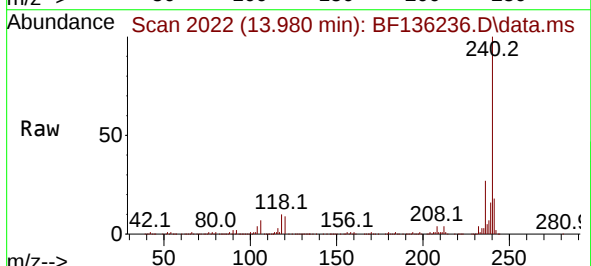
Tgt Ion:240 Resp: 264857

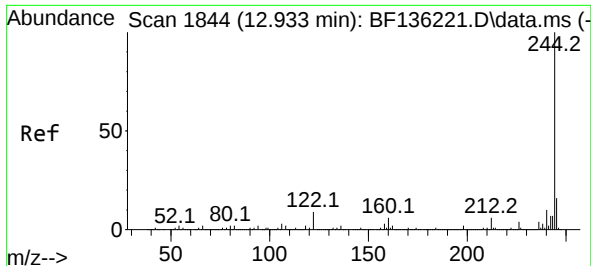
Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.2

236 26.9 21.1 31.7

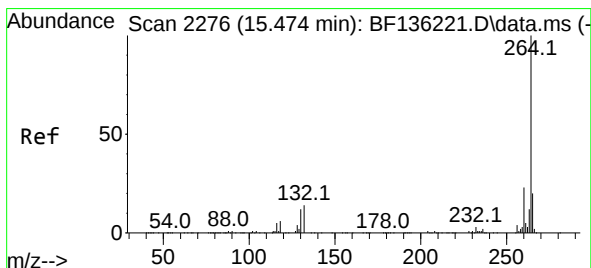
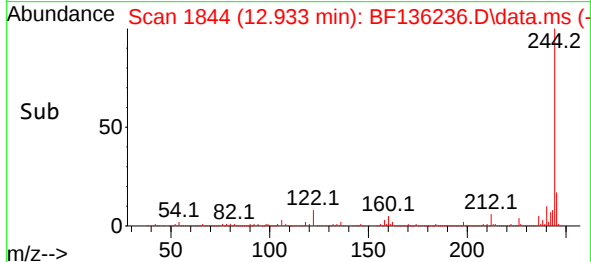
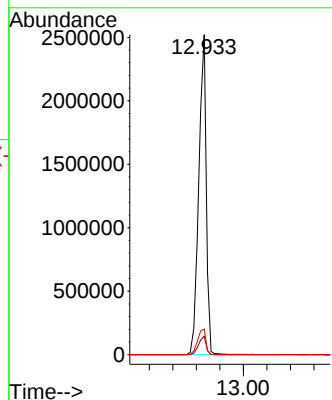
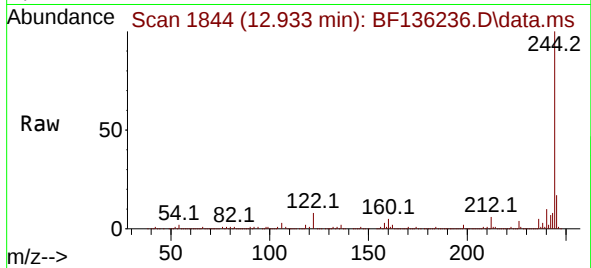




#79
 Terphenyl-d14
 Concen: 96.745 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136236.D
 Acq: 27 Nov 2023 22:38

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Tgt Ion:244 Resp: 2221407
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.0 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF136236.D
 Acq: 27 Nov 2023 22:38

Tgt Ion:264 Resp: 238726
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 20.6 15.7 23.5

