

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136284.D
 Acq On : 29 Nov 2023 15:29
 Operator : CG\JU
 Sample : PB156940TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156940TB

Quant Time: Nov 29 15:48:03 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	140467	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	602448	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	312610	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	634018	20.000	ng	0.00
76) Chrysene-d12	13.980	240	313996	20.000	ng	-0.01
86) Perylene-d12	15.462	264	249492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1250343	123.893	ng	0.01
7) Phenol-d6	6.445	99	1567029	124.182	ng	0.00
23) Nitrobenzene-d5	7.369	82	978646	85.841	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	491376	128.568	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2059054	84.132	ng	0.00
79) Terphenyl-d14	12.933	244	2514428	92.369	ng	0.00

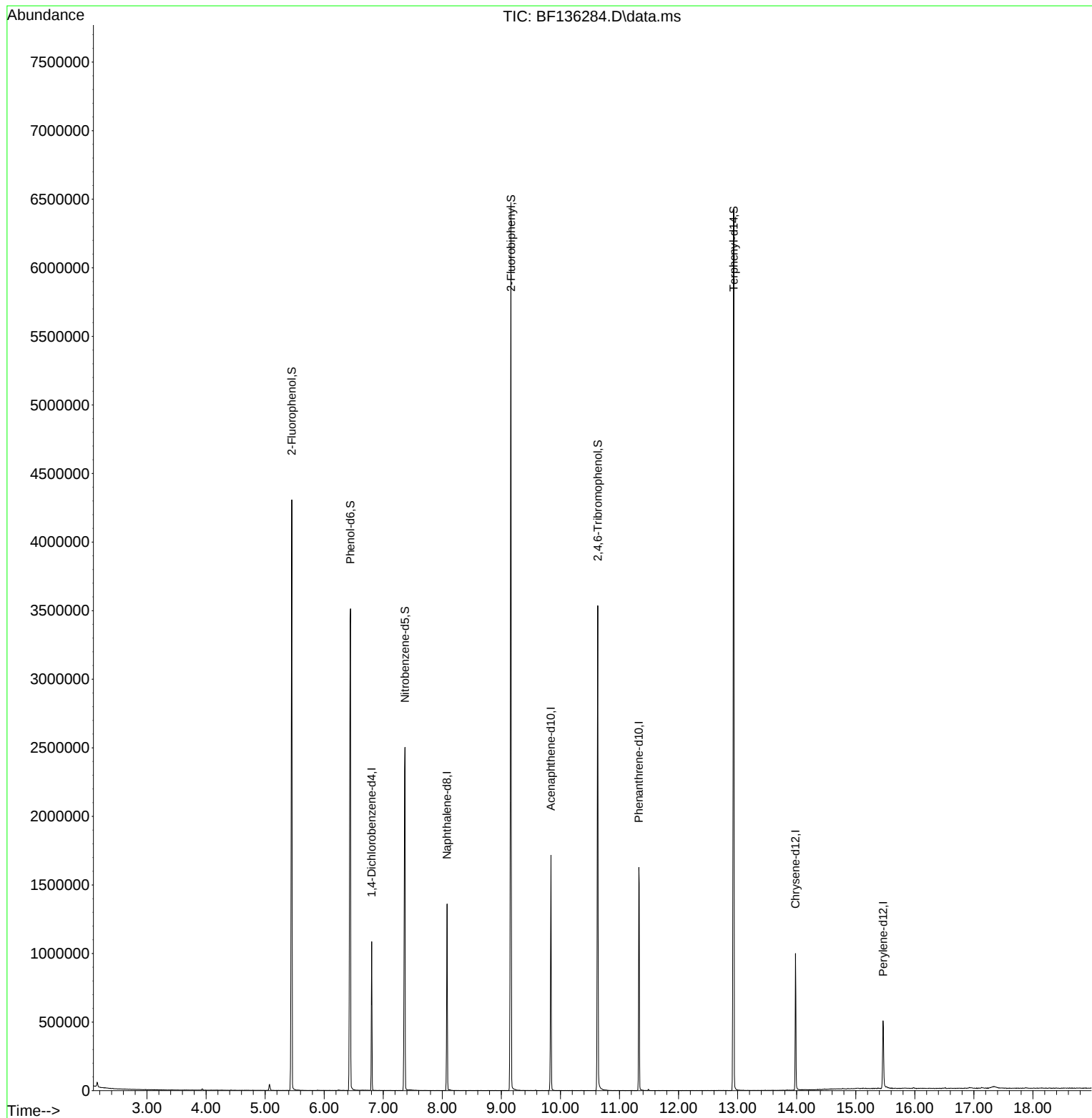
Target Compounds	Qvalue

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

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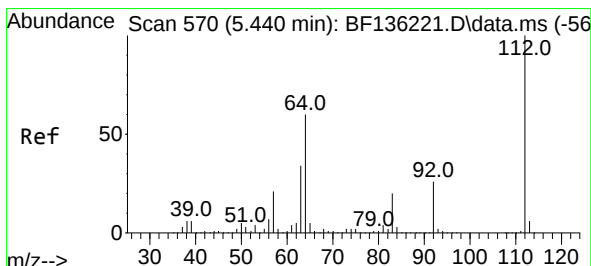
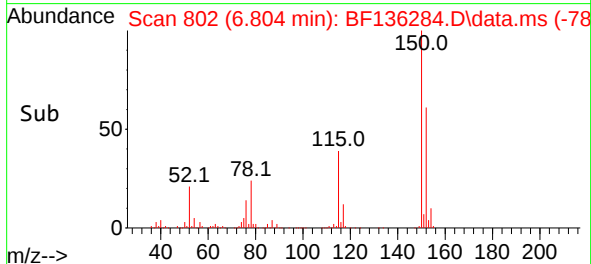
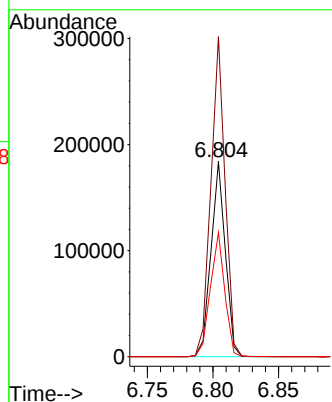
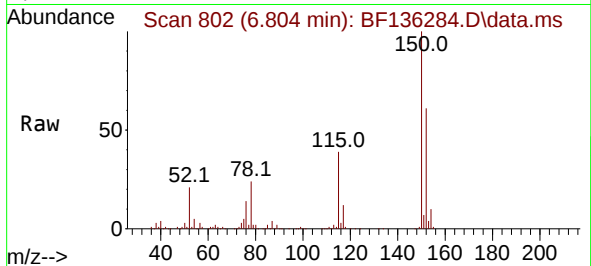




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

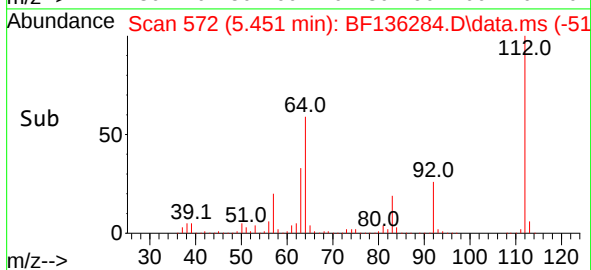
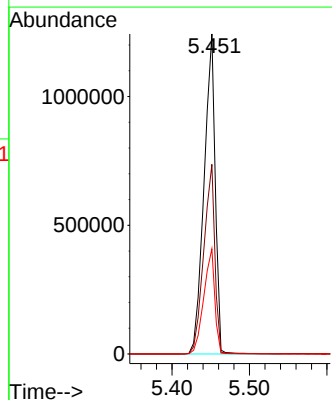
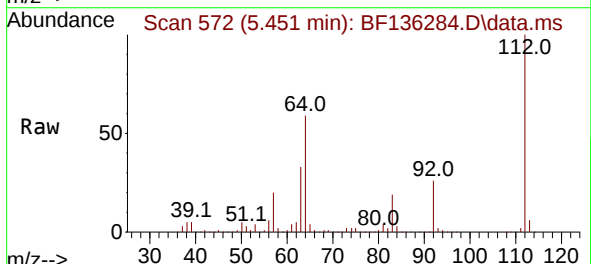
Instrument :
BNA_F
ClientSampleId :
PB156940TB

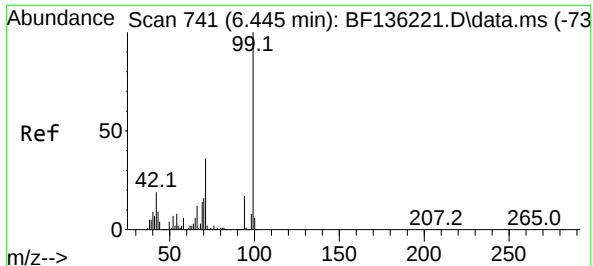
Tgt Ion:152 Resp: 140467
Ion Ratio Lower Upper
152 100
150 163.9 137.8 206.8
115 63.6 52.7 79.1



#5
2-Fluorophenol
Concen: 123.893 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:112 Resp: 1250343
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.4
63 32.8 27.0 40.6

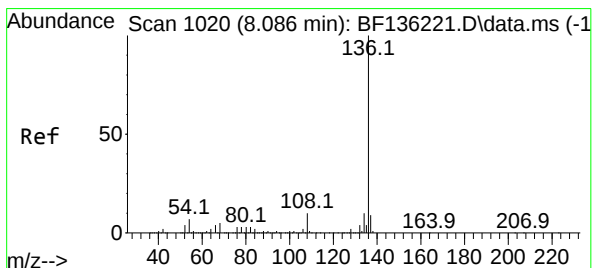
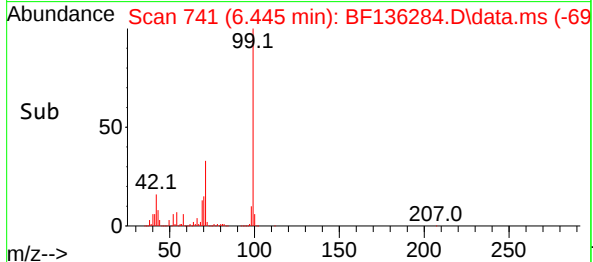
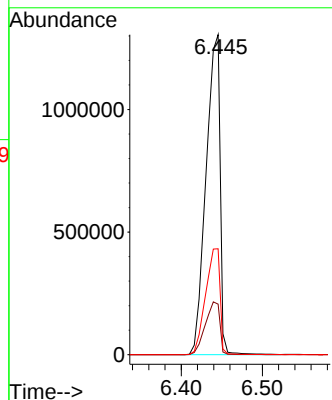
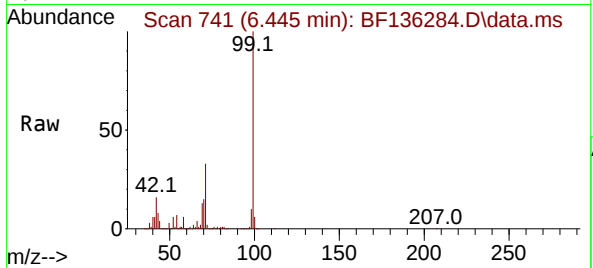




#7
Phenol-d6
Concen: 124.182 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

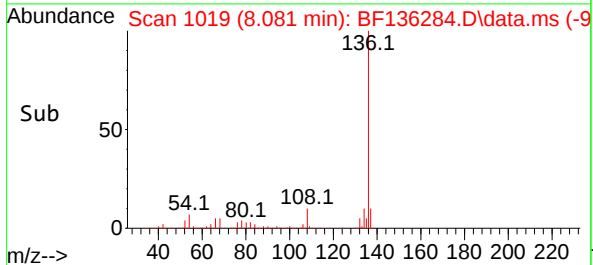
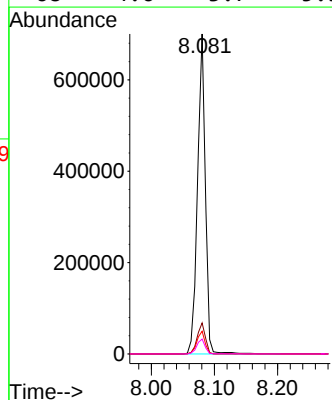
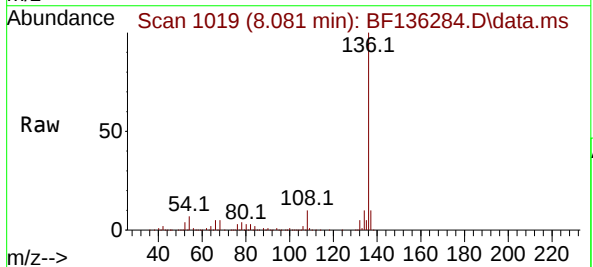
Instrument :
BNA_F
ClientSampleId :
PB156940TB

Tgt Ion: 99 Resp: 1567029
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.6
71 33.1 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: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:136 Resp: 602448
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 7.1 5.5 8.3
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 85.841 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136284.D

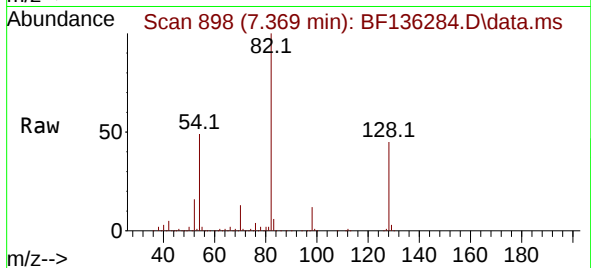
Acq: 29 Nov 2023 15:29

Instrument :

BNA_F

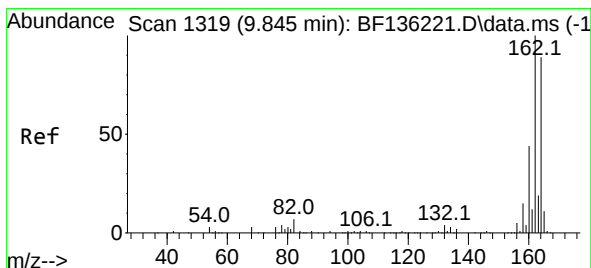
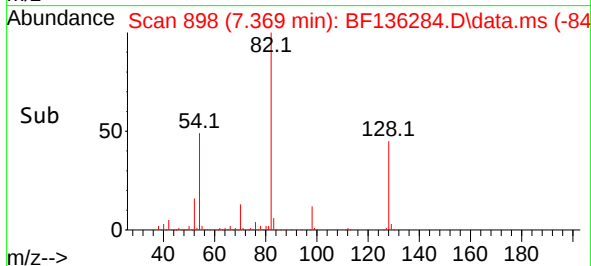
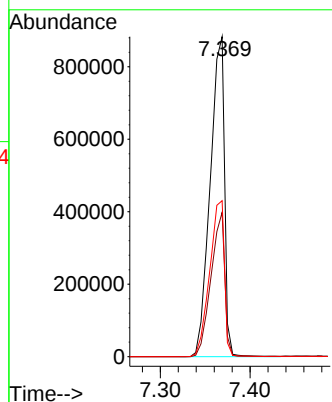
ClientSampleId :

PB156940TB



Tgt Ion: 82 Resp: 978646

Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.4	50.2
54	48.8	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

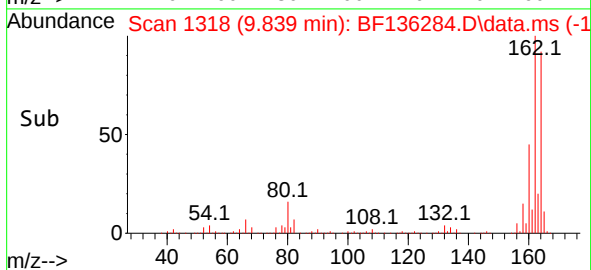
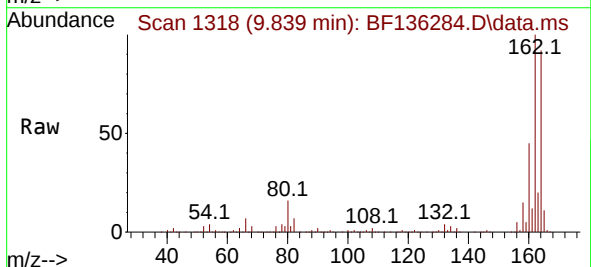
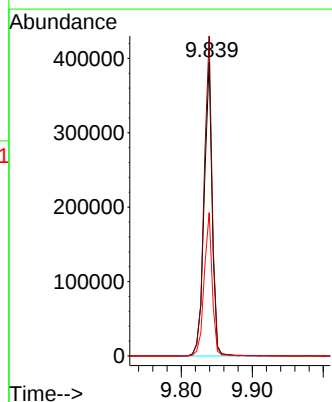
Delta R.T. -0.006 min

Lab File: BF136284.D

Acq: 29 Nov 2023 15:29

Tgt Ion: 164 Resp: 312610

Ion	Ratio	Lower	Upper
164	100		
162	108.9	89.5	134.3
160	48.8	39.6	59.4

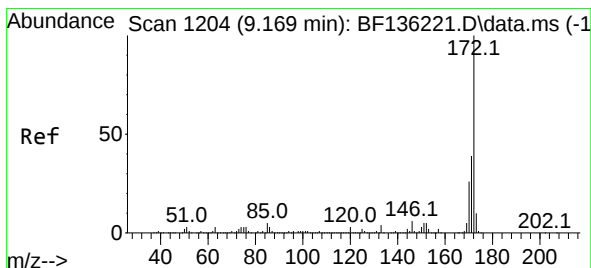
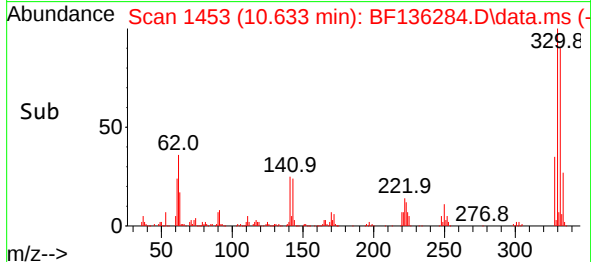
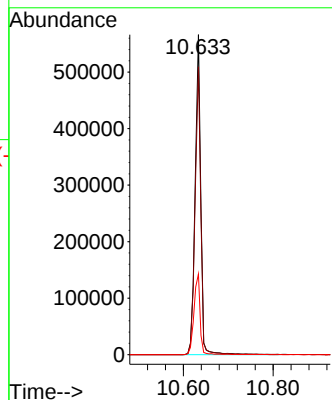
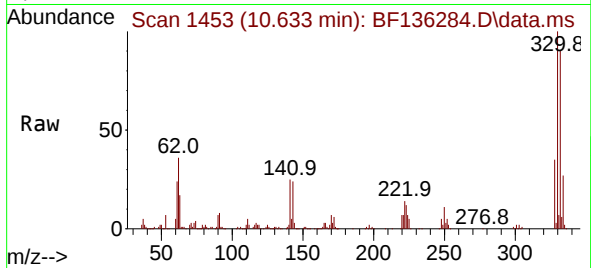




#42
2,4,6-Tribromophenol
Concen: 128.568 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

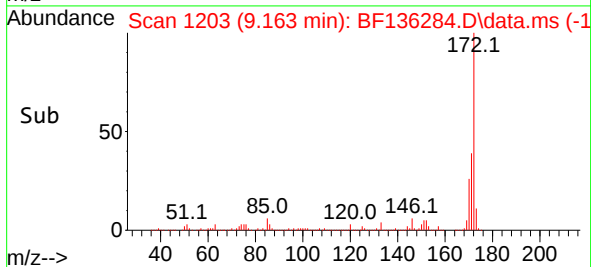
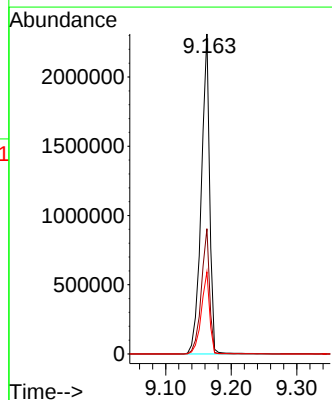
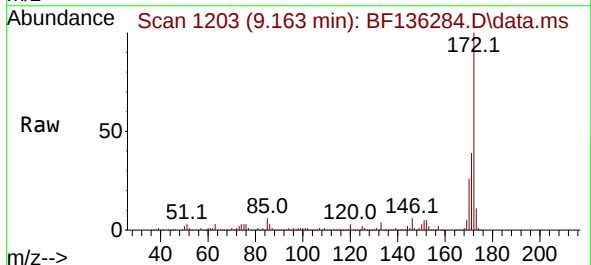
Instrument :
BNA_F
ClientSampleId :
PB156940TB

Tgt Ion:330 Resp: 491376
Ion Ratio Lower Upper
330 100
332 91.3 73.0 109.6
141 27.3 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 84.132 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136284.D
Acq: 29 Nov 2023 15:29

Tgt Ion:172 Resp: 2059054
Ion Ratio Lower Upper
172 100
171 39.1 31.5 47.3
170 25.7 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: BF136284.D

Acq: 29 Nov 2023 15:29

Instrument :

BNA_F

ClientSampleId :

PB156940TB

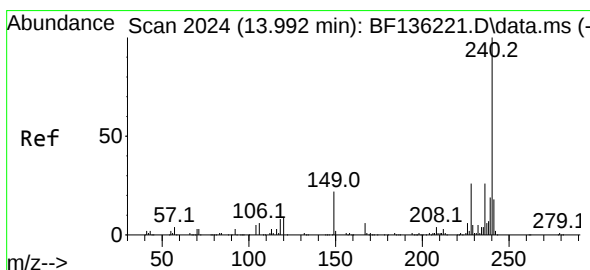
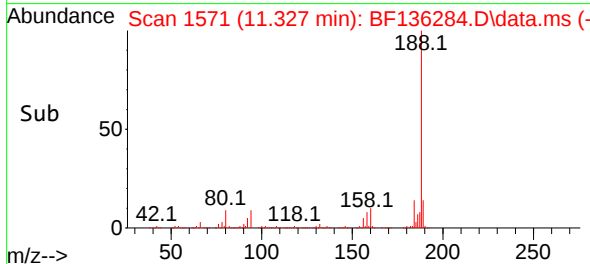
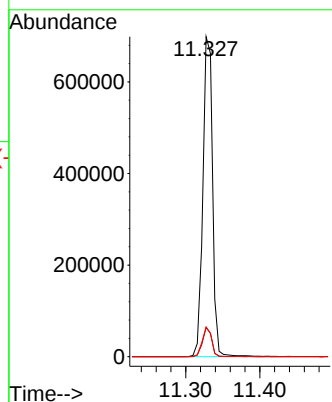
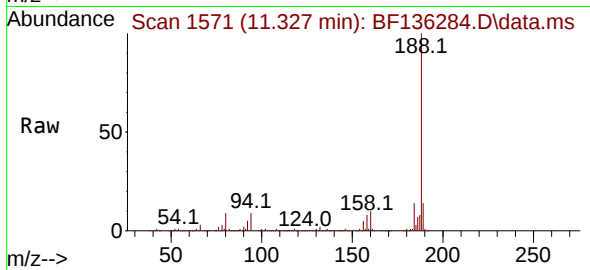
Tgt Ion:188 Resp: 634018

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

80 9.3 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: BF136284.D

Acq: 29 Nov 2023 15:29

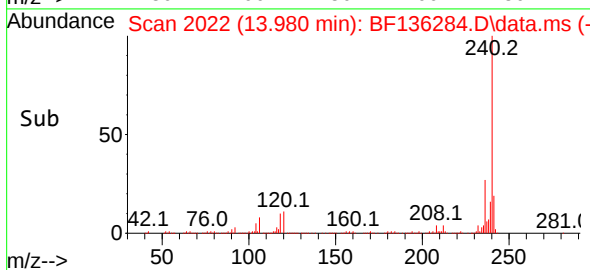
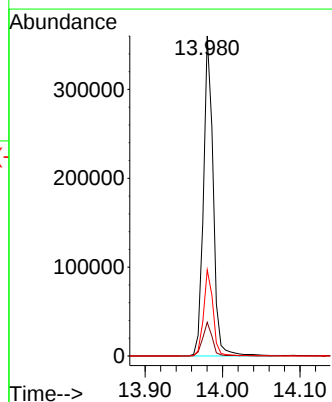
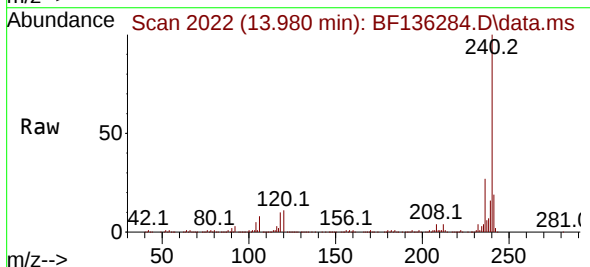
Tgt Ion:240 Resp: 313996

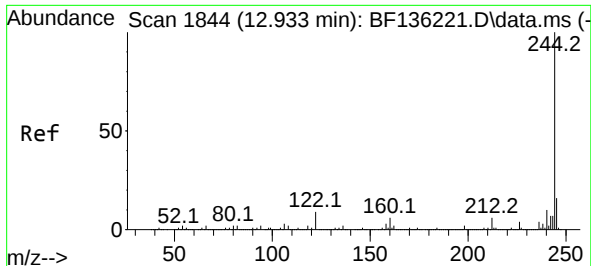
Ion Ratio Lower Upper

240 100

120 10.5 7.4 11.2

236 26.9 21.1 31.7

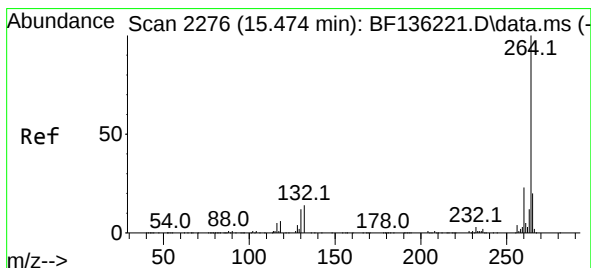
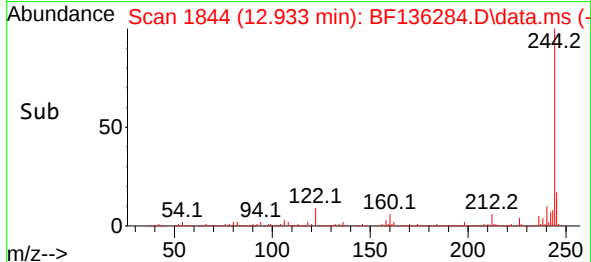
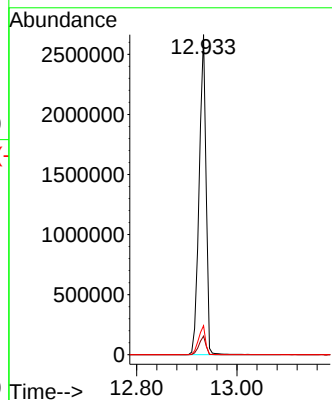
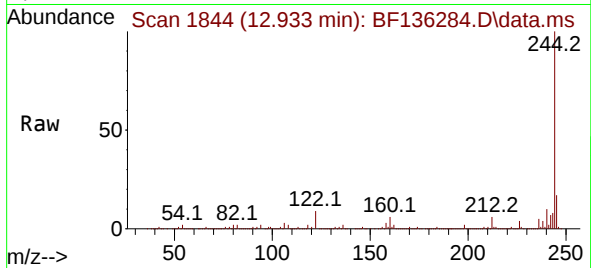




#79
 Terphenyl-d14
 Concen: 92.369 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136284.D
 Acq: 29 Nov 2023 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB156940TB

Tgt Ion:244 Resp: 2514428
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.1 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: BF136284.D
 Acq: 29 Nov 2023 15:29

Tgt Ion:264 Resp: 249492
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 20.9 15.7 23.5

