

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136206.D
 Acq On : 25 Nov 2023 06:07
 Operator : CG\JU
 Sample : 05418-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-2

Quant Time: Nov 27 02:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	131704	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	565479	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	290009	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	543018	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	281170	20.000	ng	0.00
86) Perylene-d12	15.462	264	272064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1011810	122.323	ng	0.02
7) Phenol-d6	6.440	99	1117160	109.757	ng	0.00
23) Nitrobenzene-d5	7.369	82	876768	86.522	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	408405	134.460	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1800658	91.781	ng	0.00
79) Terphenyl-d14	12.927	244	2001560	101.048	ng	0.00

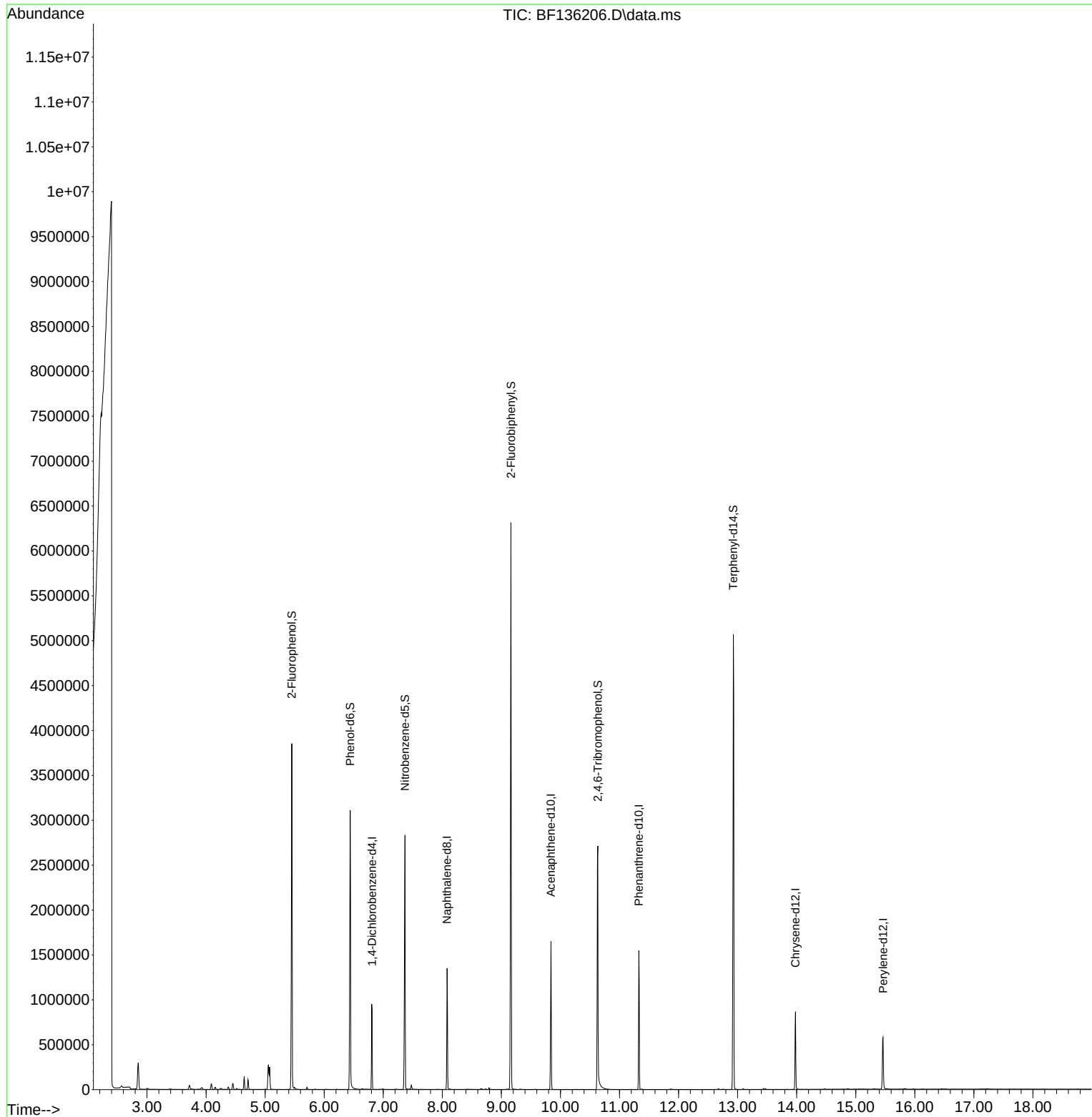
Target Compounds	Qvalue

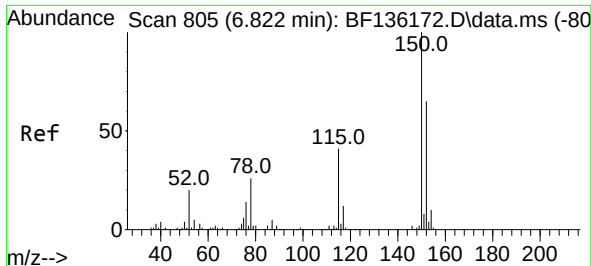
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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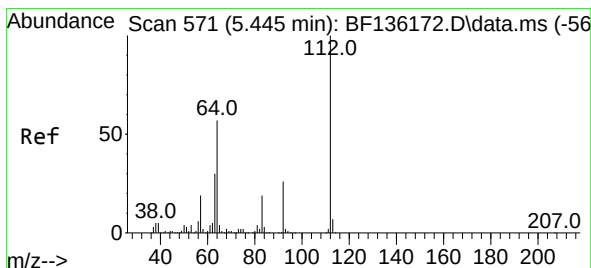
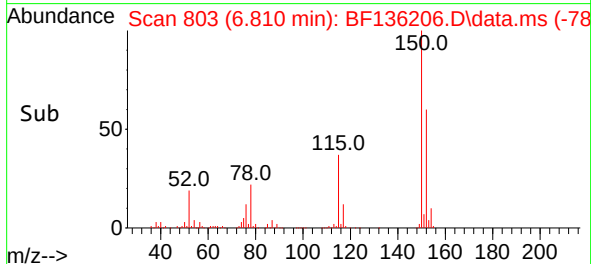
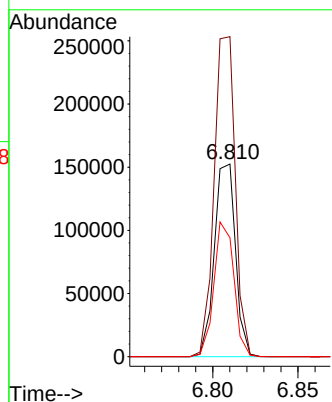
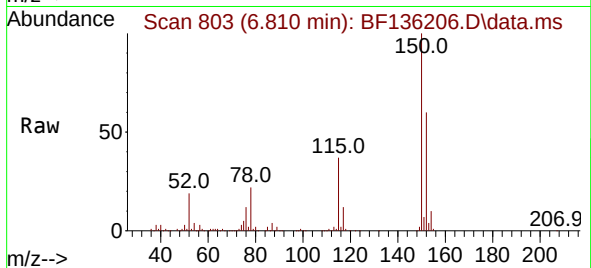




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

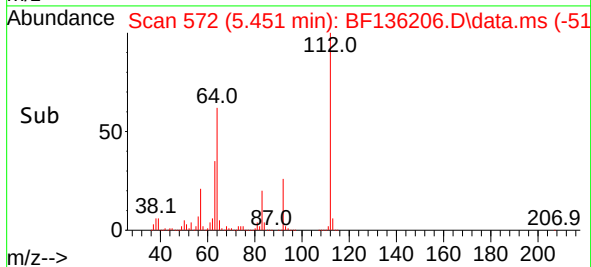
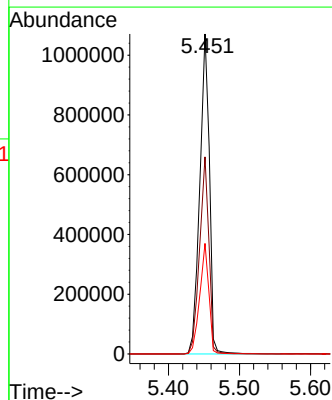
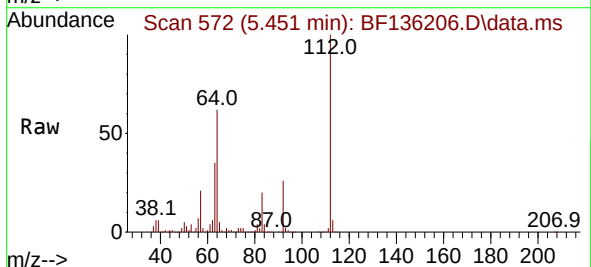
Instrument :
BNA_F
ClientSampleId :
STONE-2

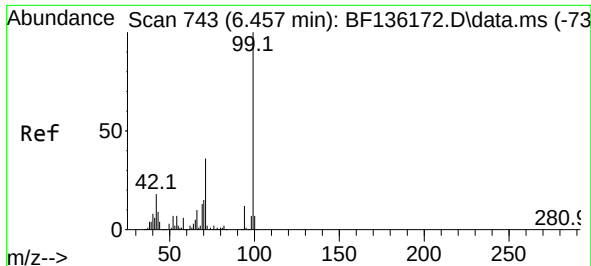
Tgt Ion:152 Resp: 131704
Ion Ratio Lower Upper
152 100
150 166.1 123.1 184.7
115 61.7 50.5 75.7



#5
2-Fluorophenol
Concen: 122.323 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Tgt Ion:112 Resp: 1011810
Ion Ratio Lower Upper
112 100
64 61.6 45.4 68.0
63 34.6 24.4 36.6



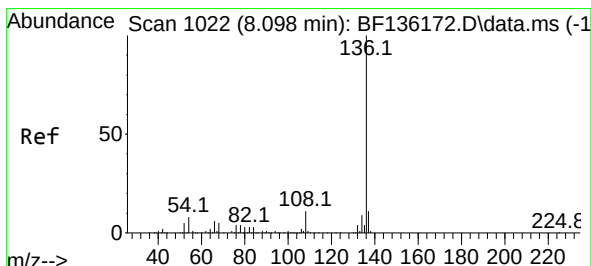
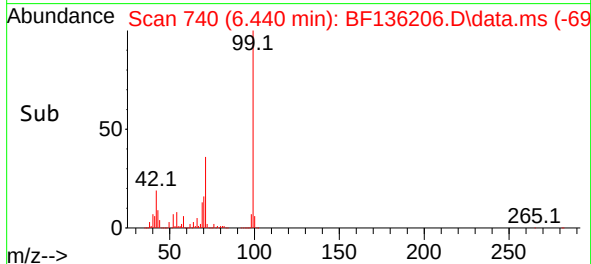
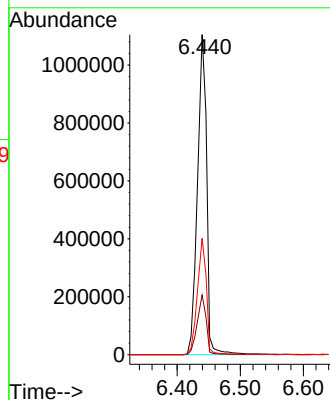
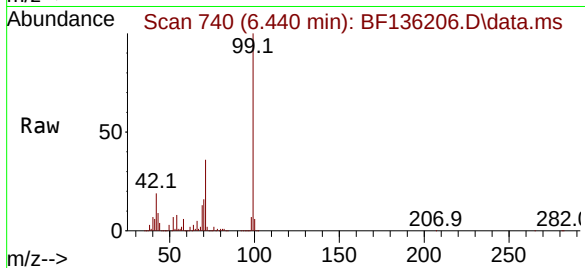


#7
Phenol-d6
Concen: 109.757 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Instrument :
BNA_F
ClientSampleId :
STONE-2

Tgt Ion: 99 Resp: 1117160

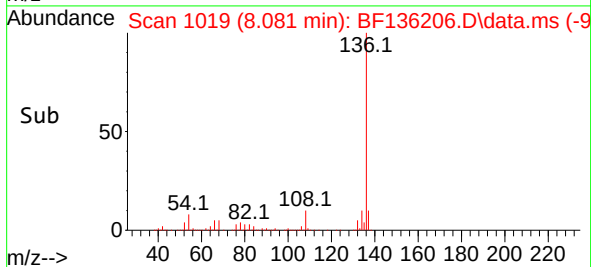
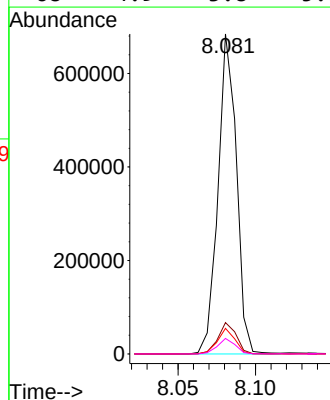
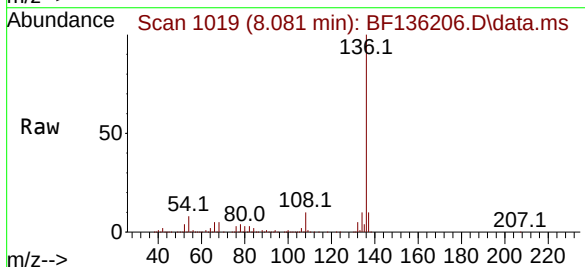
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.1	21.1
71	36.4	29.0	43.4

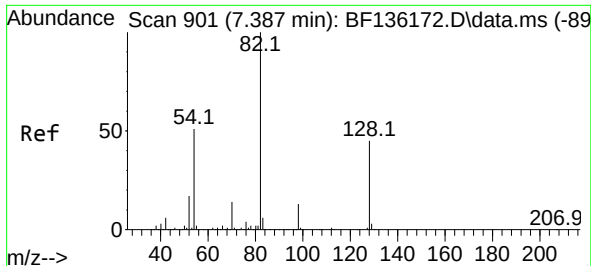


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Tgt Ion: 136 Resp: 565479

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.6	13.0
54	8.0	6.3	9.5
68	4.9	3.8	5.8





#23

Nitrobenzene-d5

Concen: 86.522 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136206.D

Acq: 25 Nov 2023 06:07

Instrument :

BNA_F

ClientSampleId :

STONE-2

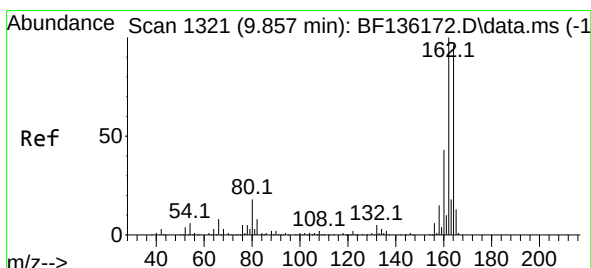
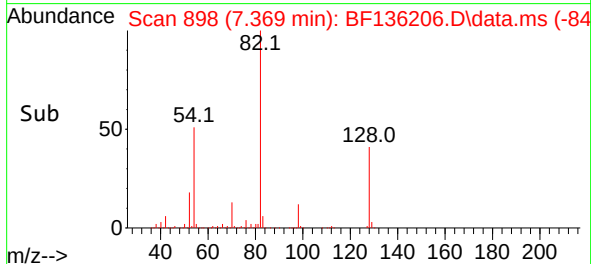
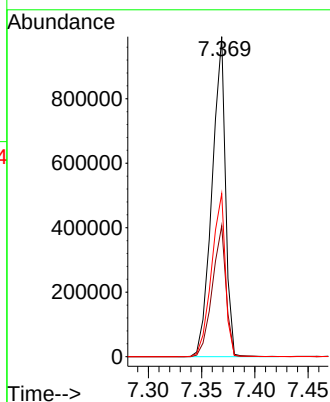
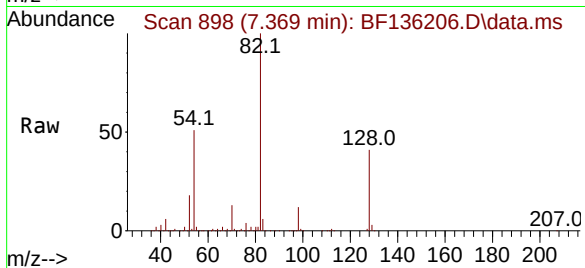
Tgt Ion: 82 Resp: 876768

Ion Ratio Lower Upper

82 100

128 40.9 35.8 53.6

54 50.9 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136206.D

Acq: 25 Nov 2023 06:07

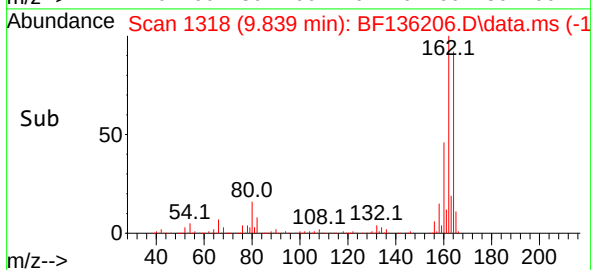
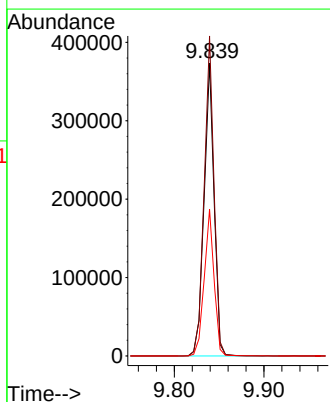
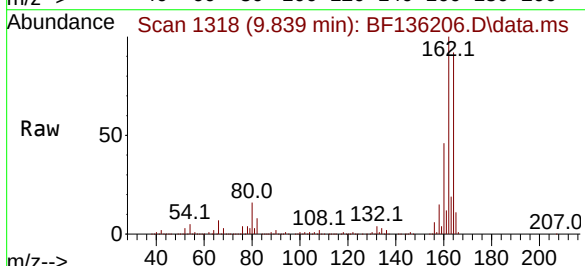
Tgt Ion: 164 Resp: 290009

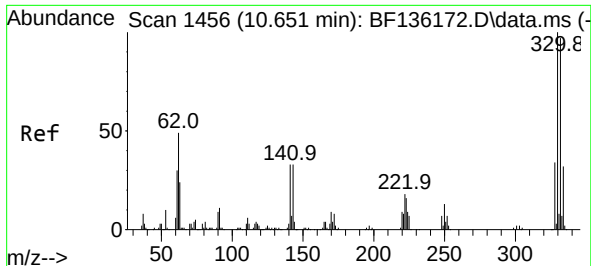
Ion Ratio Lower Upper

164 100

162 109.2 83.2 124.8

160 50.1 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 134.460 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136206.D

Acq: 25 Nov 2023 06:07

Instrument :

BNA_F

ClientSampleId :

STONE-2

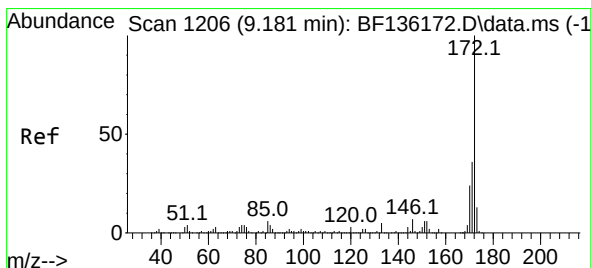
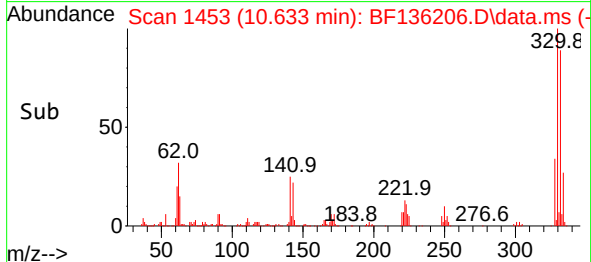
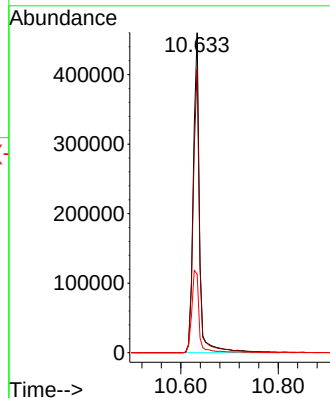
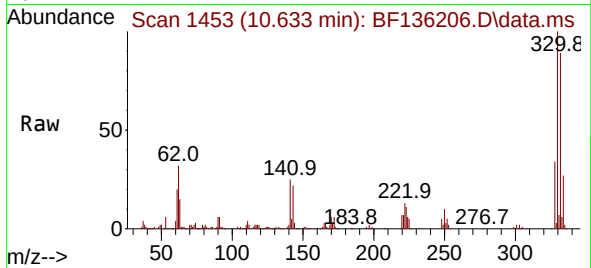
Tgt Ion:330 Resp: 408405

Ion Ratio Lower Upper

330 100

332 90.3 77.6 116.4

141 30.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 91.781 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136206.D

Acq: 25 Nov 2023 06:07

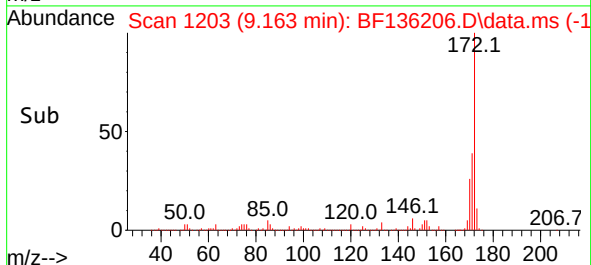
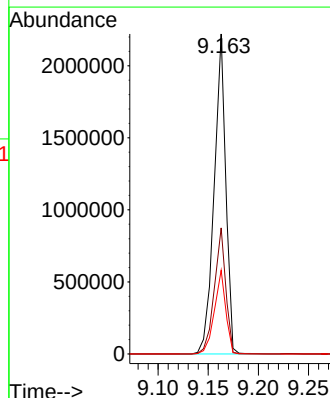
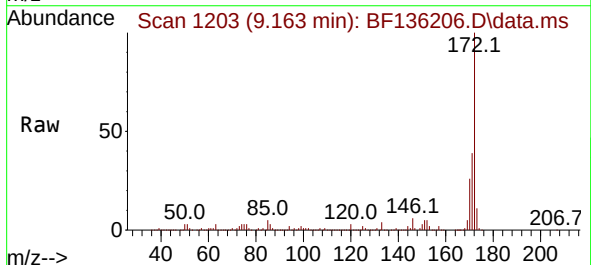
Tgt Ion:172 Resp: 1800658

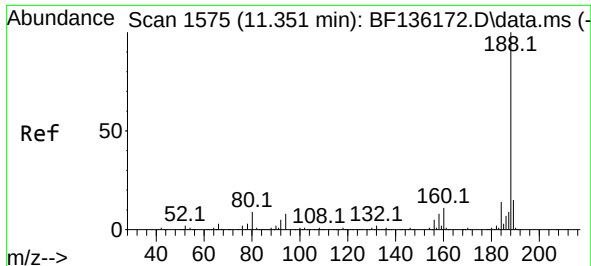
Ion Ratio Lower Upper

172 100

171 39.4 28.9 43.3

170 26.1 19.1 28.7

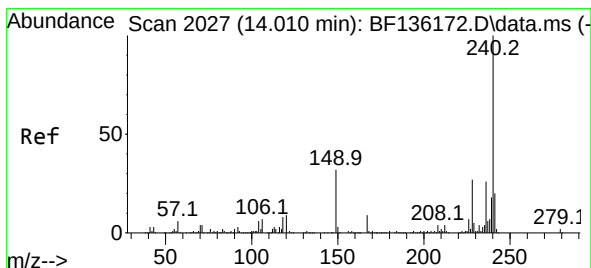
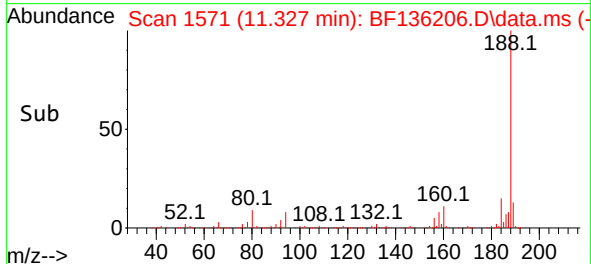
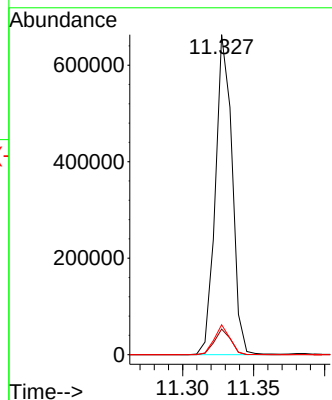
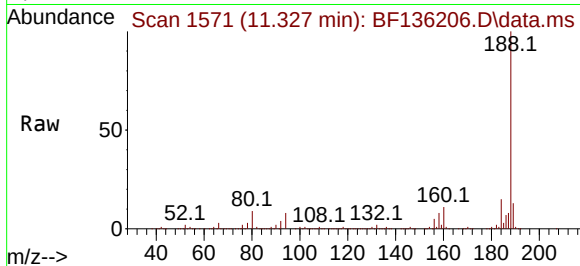




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

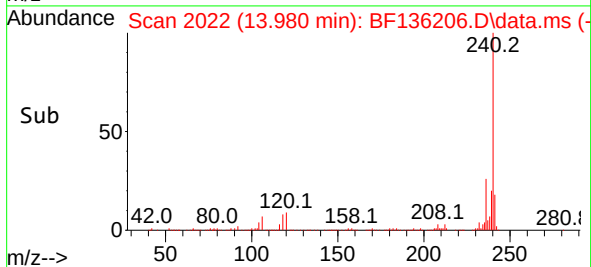
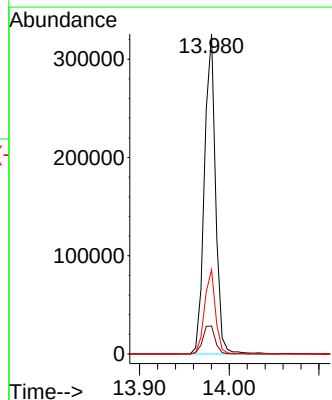
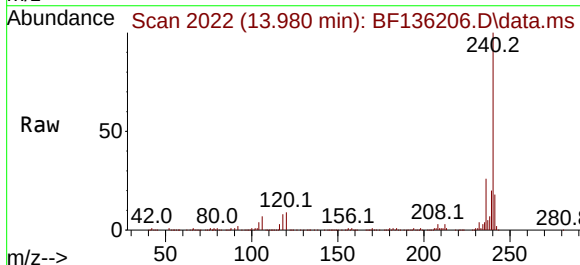
Instrument :
BNA_F
ClientSampleId :
STONE-2

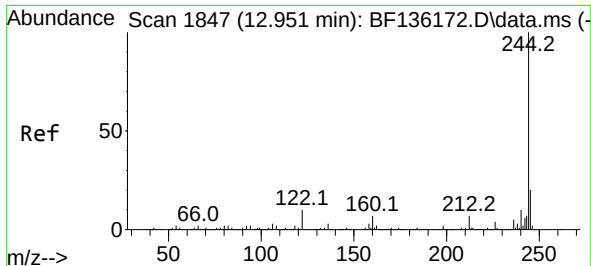
Tgt Ion:188 Resp: 543018
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136206.D
Acq: 25 Nov 2023 06:07

Tgt Ion:240 Resp: 281170
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.3 20.9 31.3



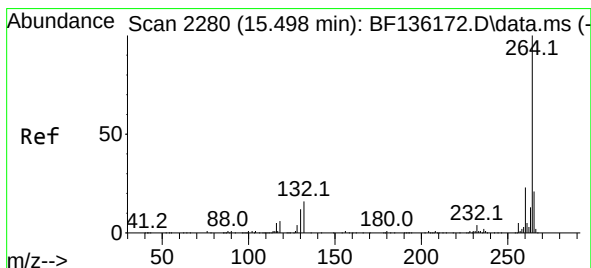
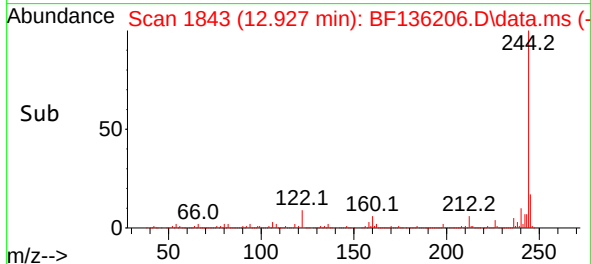
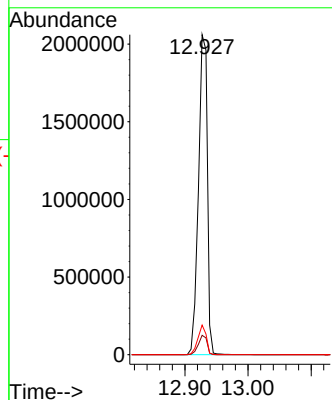
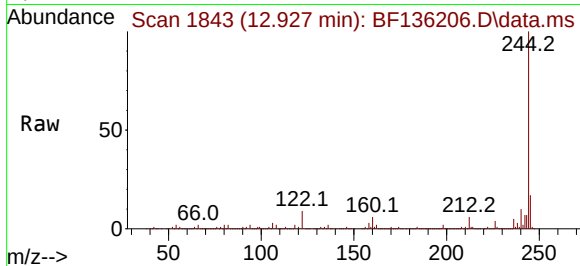


#79
 Terphenyl-d14
 Concen: 101.048 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136206.D
 Acq: 25 Nov 2023 06:07

Instrument :
 BNA_F
 ClientSampleId :
 STONE-2

Tgt Ion:244 Resp: 2001560

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	9.3	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136206.D
 Acq: 25 Nov 2023 06:07

Tgt Ion:264 Resp: 272064

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.5	16.9	25.3

