

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136275.D
 Acq On : 29 Nov 2023 10:42
 Operator : CG\JU
 Sample : PB156824BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BL

Quant Time: Nov 29 11:22:44 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	152070	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	647622	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	330955	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	664354	20.000	ng	0.00
76) Chrysene-d12	13.986	240	408022	20.000	ng	0.00
86) Perylene-d12	15.468	264	273792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1444646	132.224	ng	0.02
7) Phenol-d6	6.446	99	1797647	131.588	ng	0.00
23) Nitrobenzene-d5	7.369	82	1091100	89.029	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	584530	144.464	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2332412	90.018	ng	0.00
79) Terphenyl-d14	12.939	244	2968129	83.910	ng	0.00

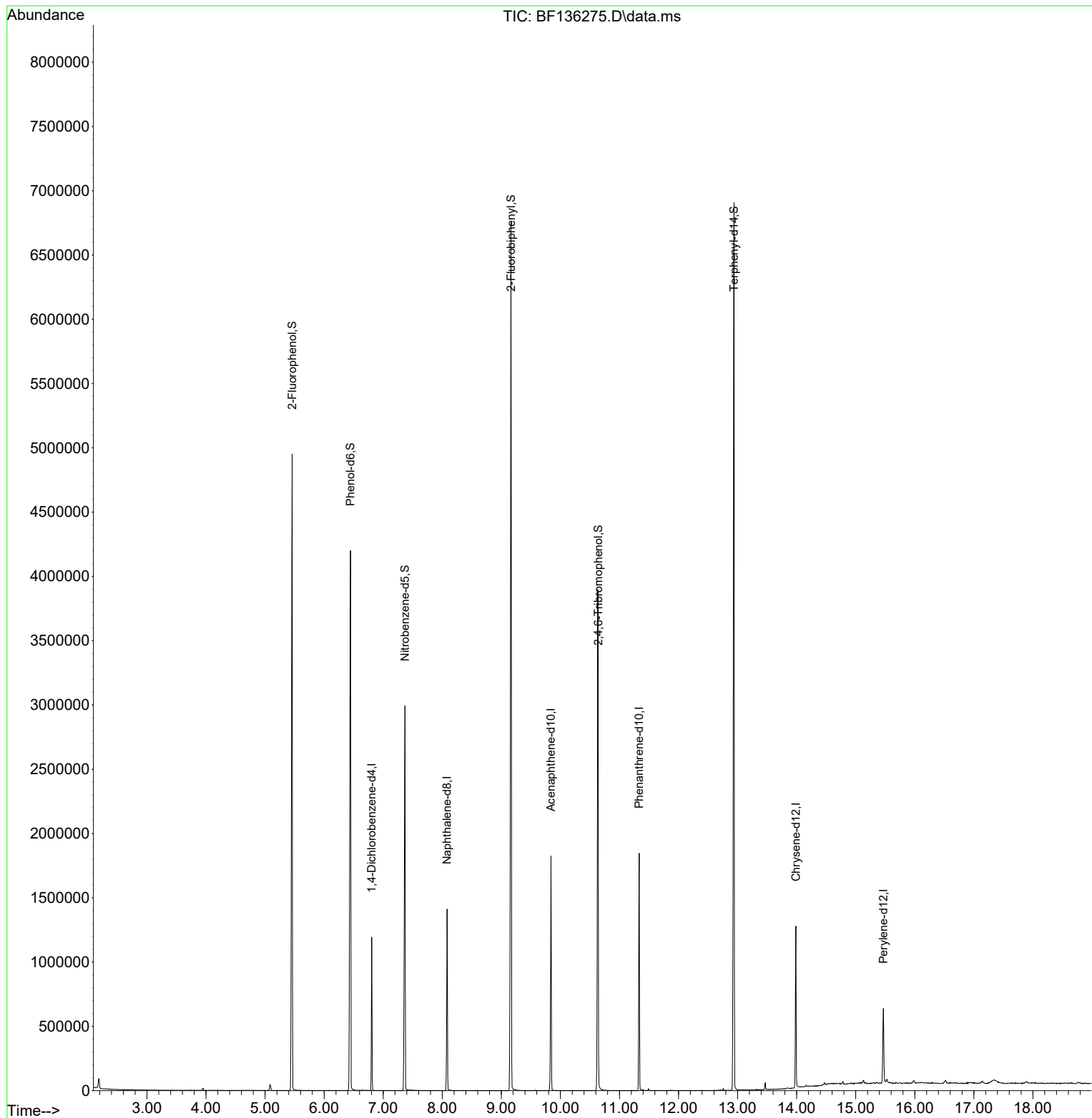
Target Compounds	Qvalue

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

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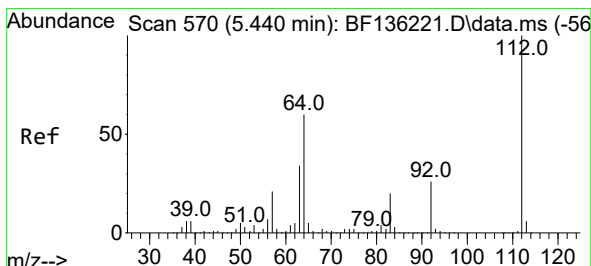
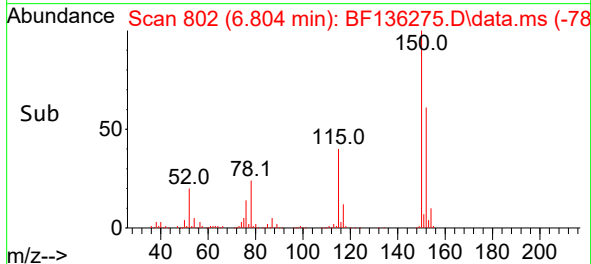
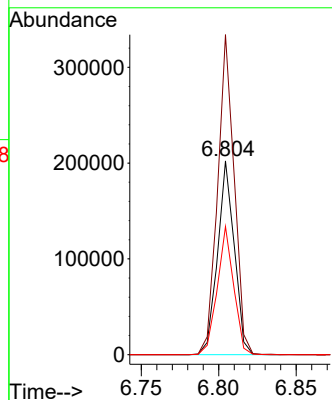
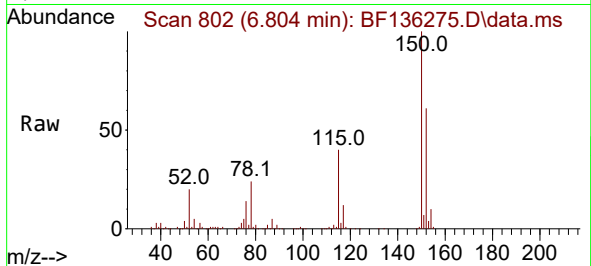




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136275.D
Acq: 29 Nov 2023 10:42

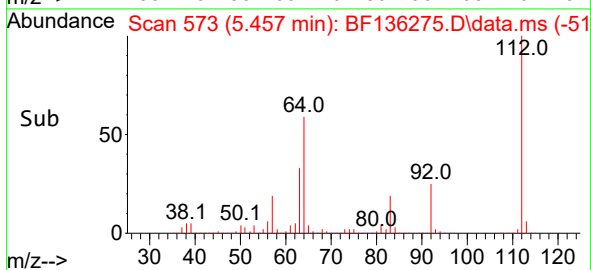
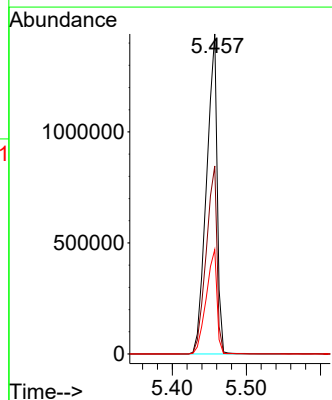
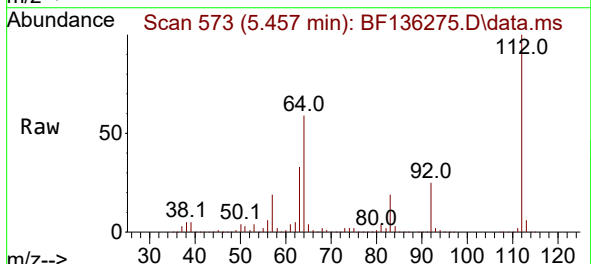
Instrument :
BNA_F
ClientSampleId :
PB156824BL

Tgt Ion:152 Resp: 152070
Ion Ratio Lower Upper
152 100
150 165.1 137.8 206.8
115 66.1 52.7 79.1



#5
2-Fluorophenol
Concen: 132.224 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136275.D
Acq: 29 Nov 2023 10:42

Tgt Ion:112 Resp: 1444646
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.4
63 32.6 27.0 40.6



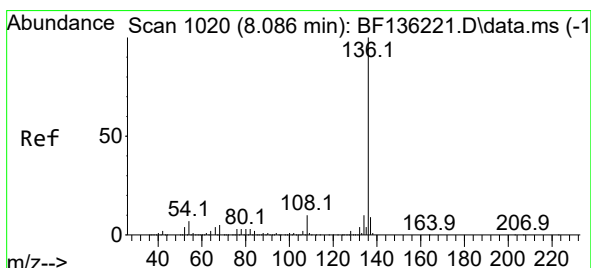
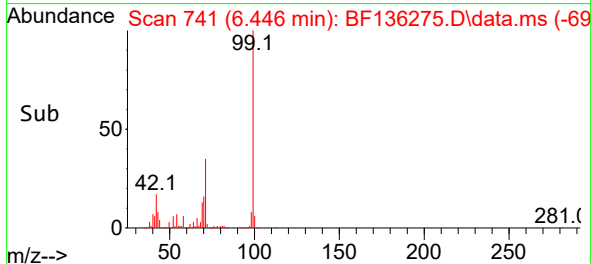
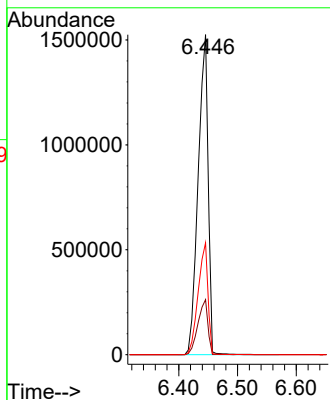
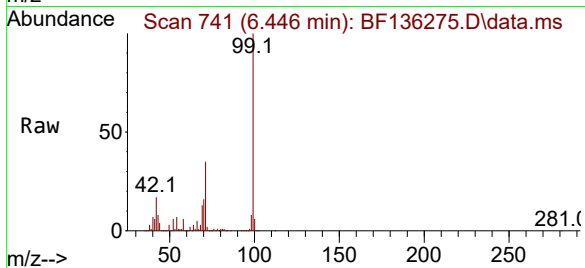


#7
Phenol-d6
Concen: 131.588 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136275.D
Acq: 29 Nov 2023 10:42

Instrument :
BNA_F
ClientSampleId :
PB156824BL

Tgt Ion: 99 Resp: 1797647

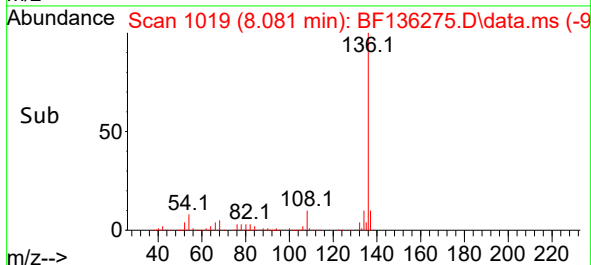
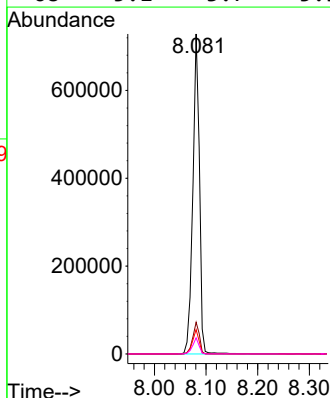
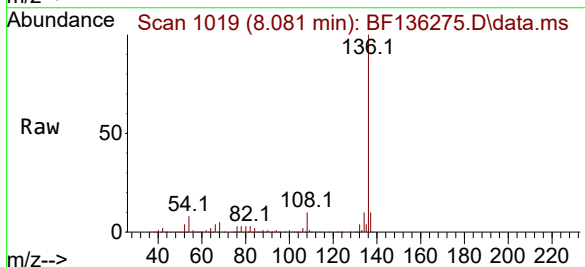
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.6
71	34.9	28.9	43.3

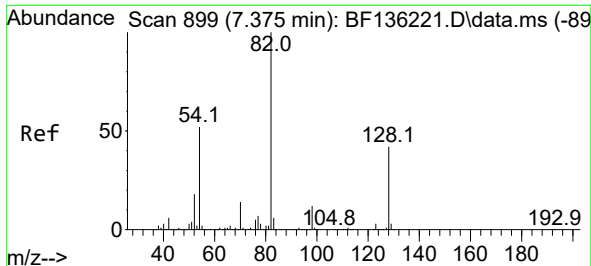


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136275.D
Acq: 29 Nov 2023 10:42

Tgt Ion:136 Resp: 647622

Ion	Ratio	Lower	Upper
136	100		
137	9.9	7.4	11.2
54	7.6	5.5	8.3
68	5.1	3.7	5.5





#23

Nitrobenzene-d5

Concen: 89.029 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136275.D

Acq: 29 Nov 2023 10:42

Instrument :

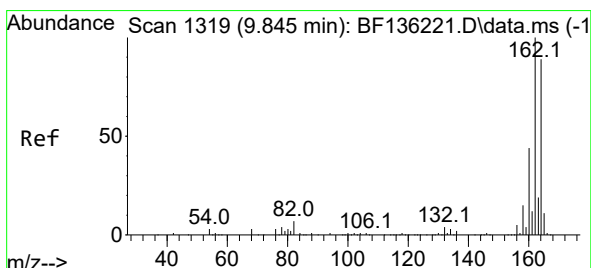
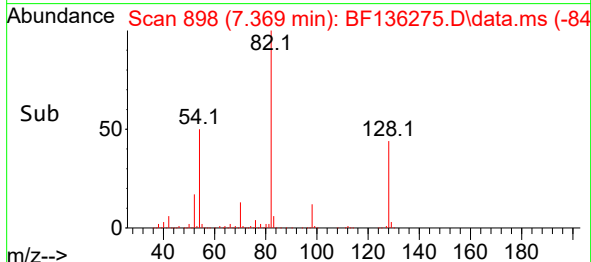
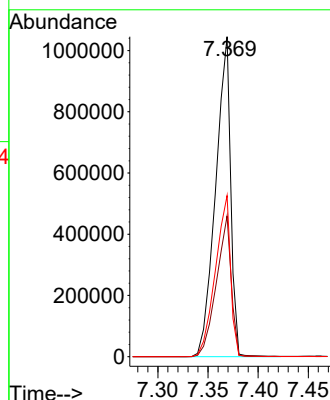
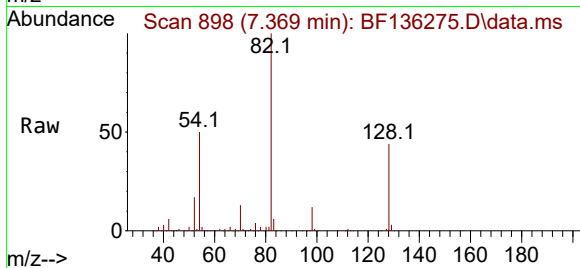
BNA_F

ClientSampleId :

PB156824BL

Tgt Ion: 82 Resp: 1091100

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.4	50.2
54	50.4	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

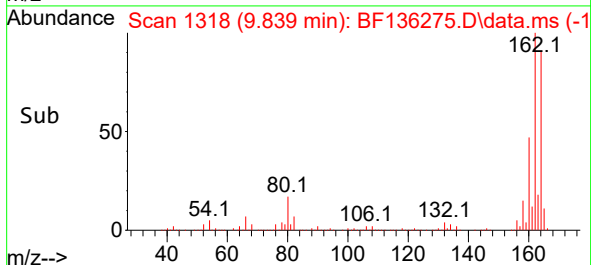
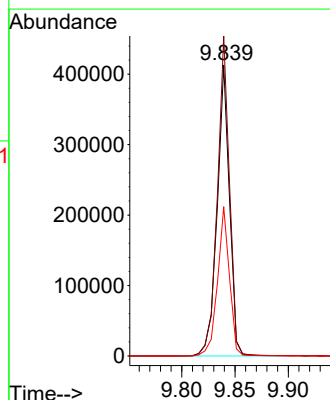
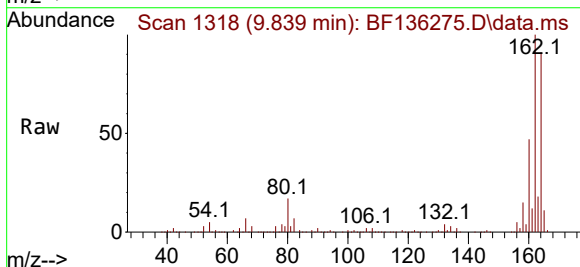
Delta R.T. -0.006 min

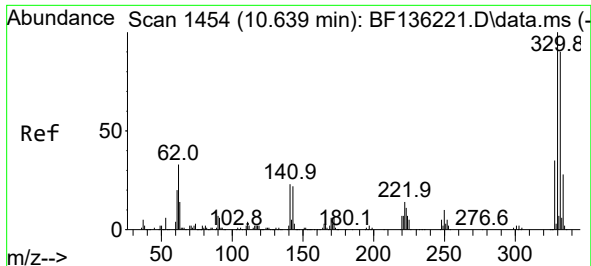
Lab File: BF136275.D

Acq: 29 Nov 2023 10:42

Tgt Ion: 164 Resp: 330955

Ion	Ratio	Lower	Upper
164	100		
162	109.9	89.5	134.3
160	51.3	39.6	59.4





#42

2,4,6-Tribromophenol

Concen: 144.464 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF136275.D

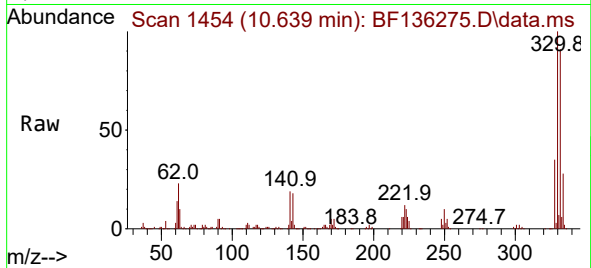
Acq: 29 Nov 2023 10:42

Instrument :

BNA_F

ClientSampleId :

PB156824BL



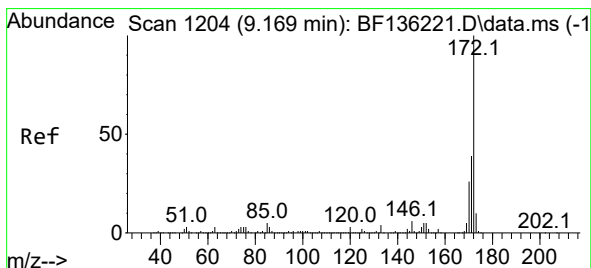
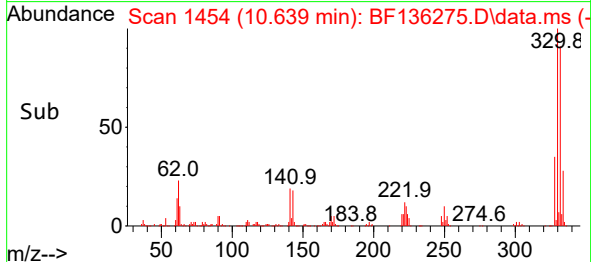
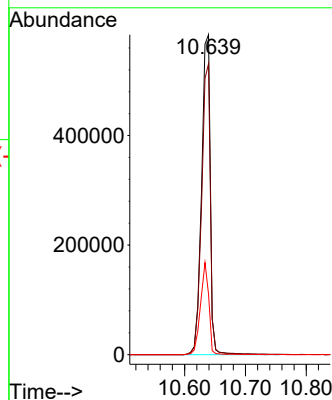
Tgt Ion:330 Resp: 584530

Ion Ratio Lower Upper

330 100

332 90.8 73.0 109.6

141 27.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 90.018 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136275.D

Acq: 29 Nov 2023 10:42

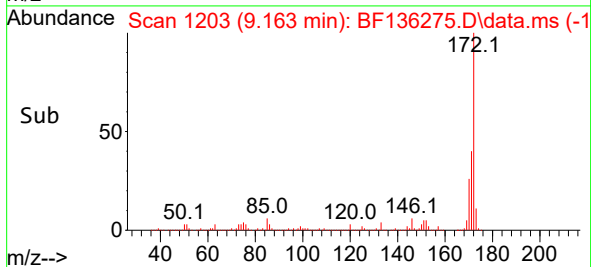
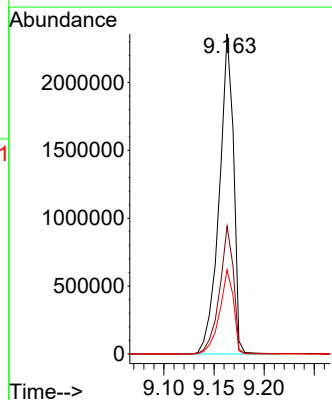
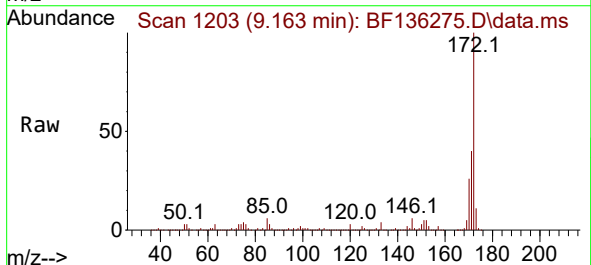
Tgt Ion:172 Resp: 2332412

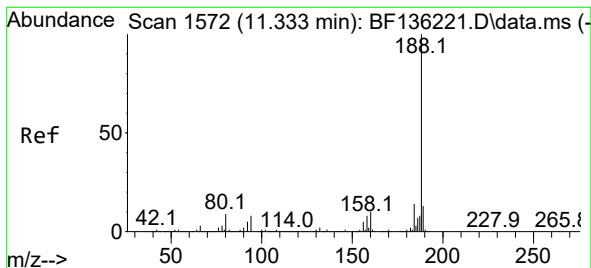
Ion Ratio Lower Upper

172 100

171 39.9 31.5 47.3

170 26.3 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136275.D

Acq: 29 Nov 2023 10:42

Instrument :

BNA_F

ClientSampleId :

PB156824BL

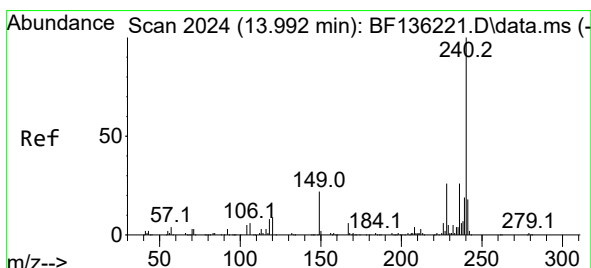
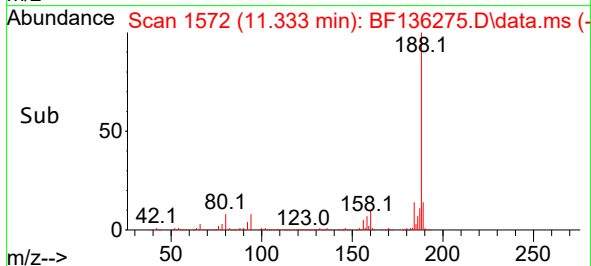
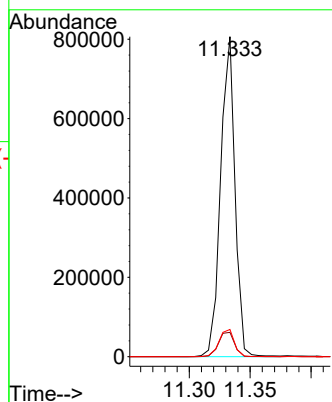
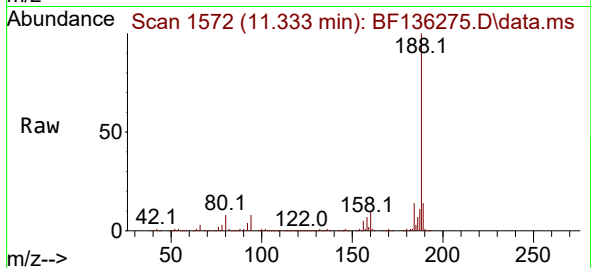
Tgt Ion:188 Resp: 664354

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

80 8.5 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136275.D

Acq: 29 Nov 2023 10:42

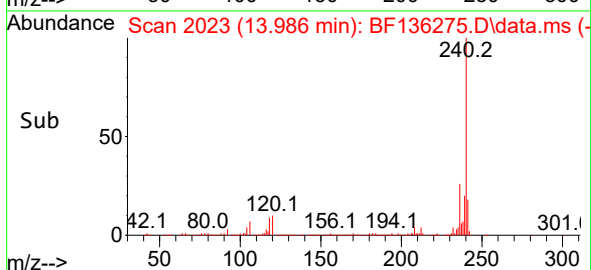
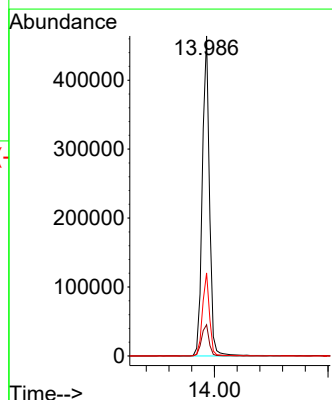
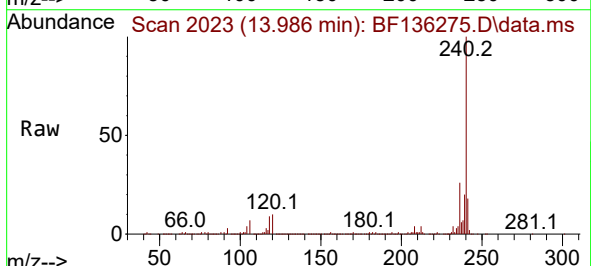
Tgt Ion:240 Resp: 408022

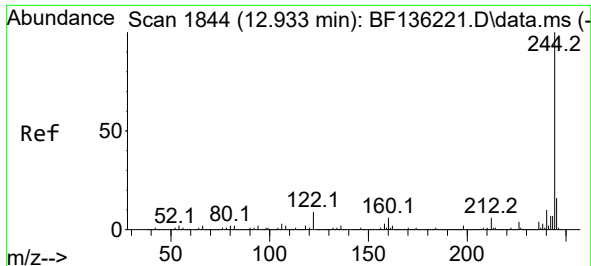
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.2

236 25.9 21.1 31.7

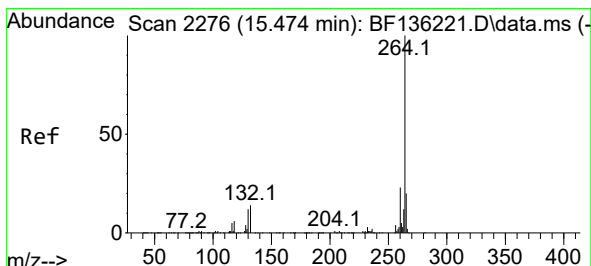
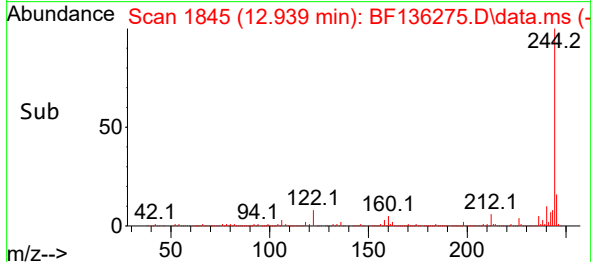
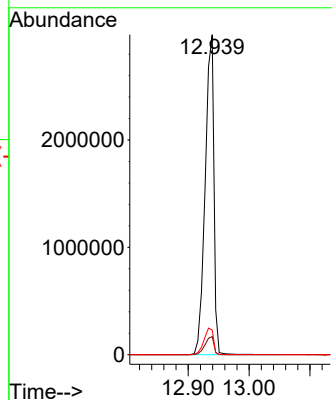
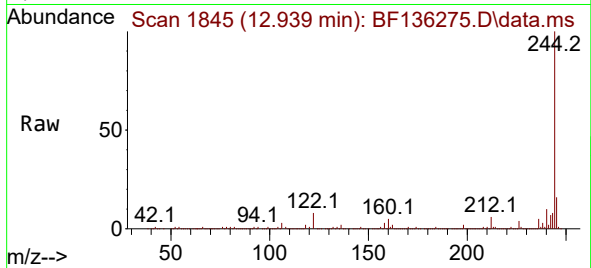




#79
 Terphenyl-d14
 Concen: 83.910 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: BF136275.D
 Acq: 29 Nov 2023 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BL

Tgt Ion:244 Resp: 2968129
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 7.7 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136275.D
 Acq: 29 Nov 2023 10:42

Tgt Ion:264 Resp: 273792
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.3 15.7 23.5

