

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137866.D
 Acq On : 09 May 2024 16:21
 Operator : CG\JU
 Sample : P2398-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-KK

Quant Time: May 09 16:43:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	152627	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	597366	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	349735	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	581342	20.000	ng	0.00
76) Chrysene-d12	14.239	240	331013	20.000	ng	-0.01
86) Perylene-d12	15.810	264	274884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	925196	101.492	ng	0.00
7) Phenol-d6	6.663	99	1070241	92.560	ng	-0.01
23) Nitrobenzene-d5	7.610	82	769020	74.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	456804	127.925	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1641717	76.157	ng	-0.01
79) Terphenyl-d14	13.186	244	2161769	109.447	ng	0.00

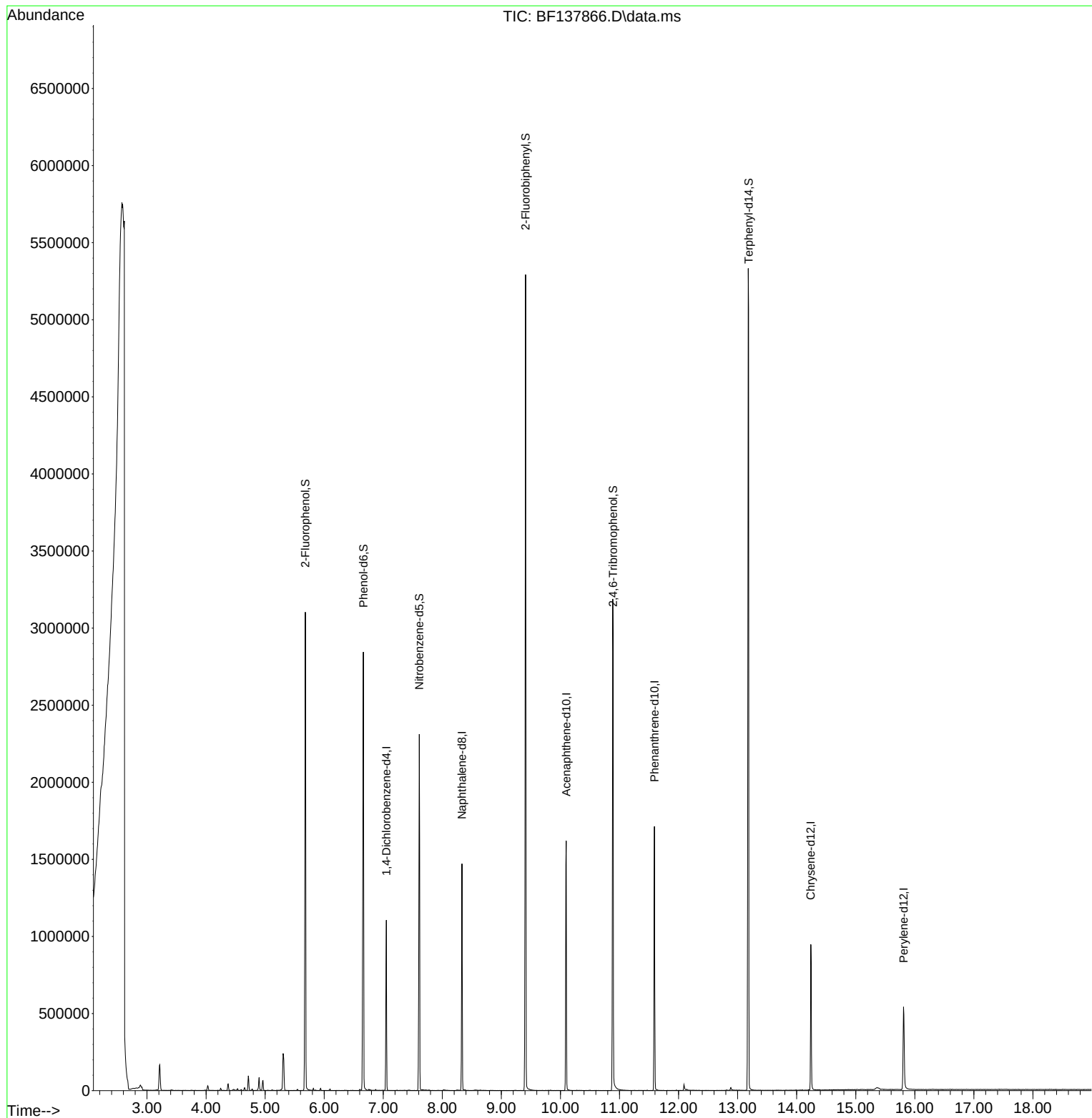
Target Compounds	Qvalue

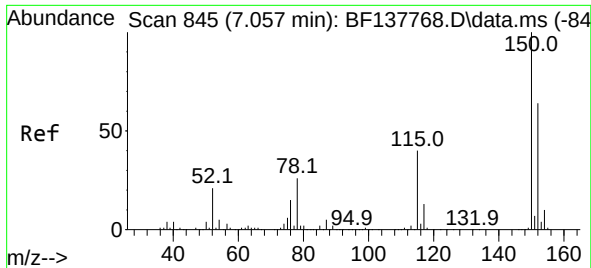
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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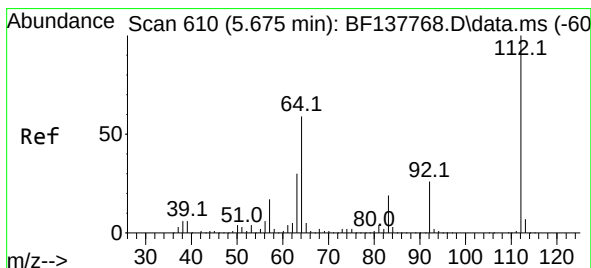
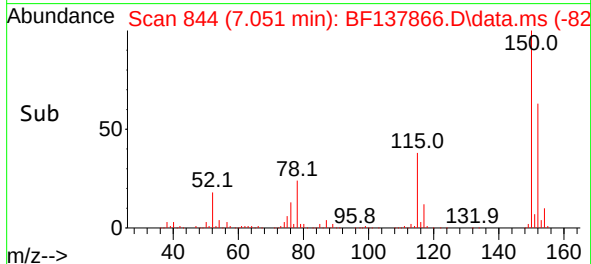
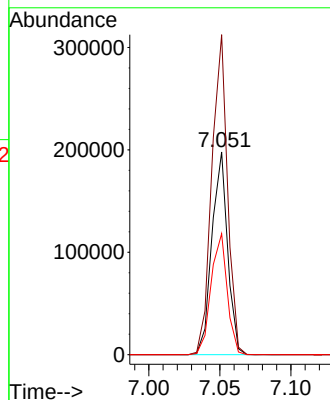
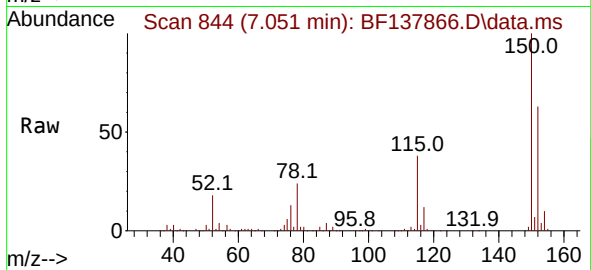




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

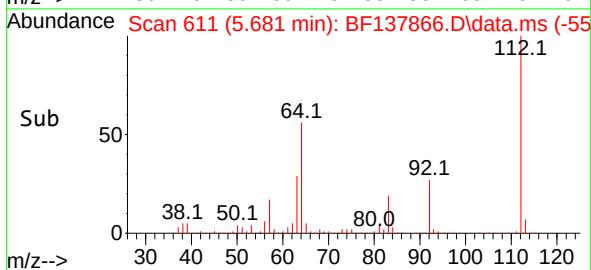
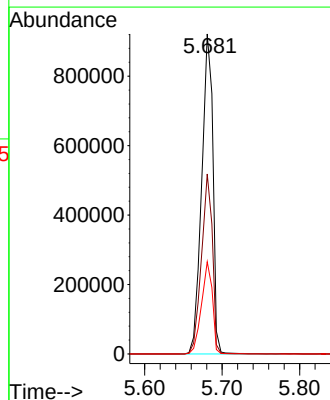
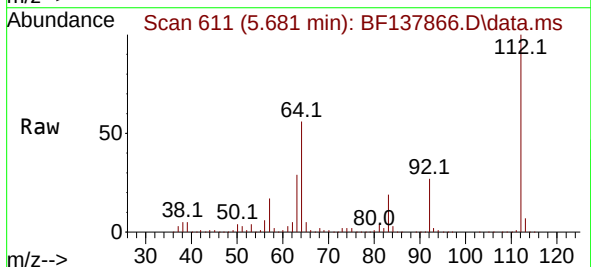
Instrument :
BNA_F
ClientSampleId :
WC-KK

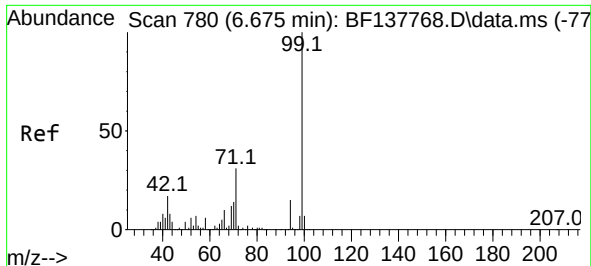
Tgt Ion:152 Resp: 152627
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 101.492 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion:112 Resp: 925196
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 28.8 23.7 35.5



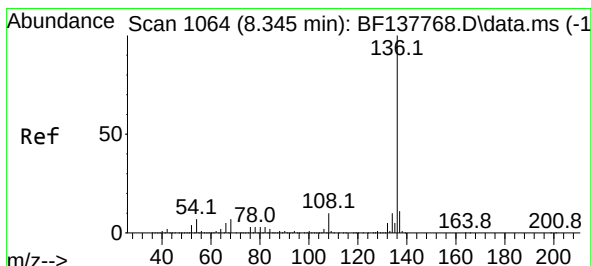
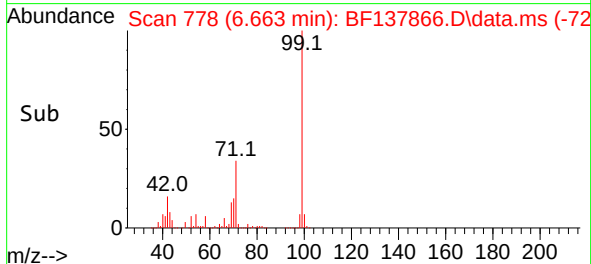
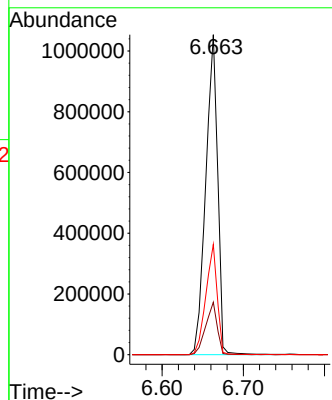
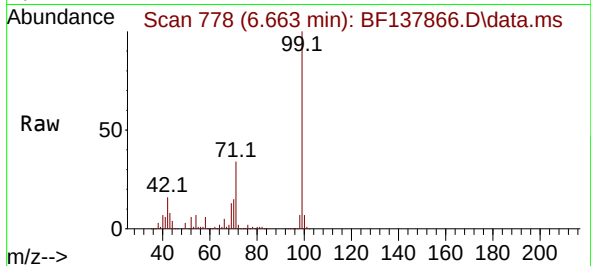


#7
Phenol-d6
Concen: 92.560 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-KK

Tgt Ion: 99 Resp: 1070241

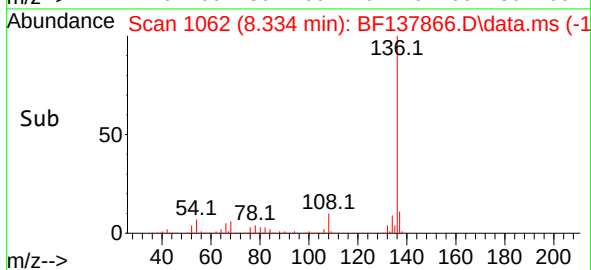
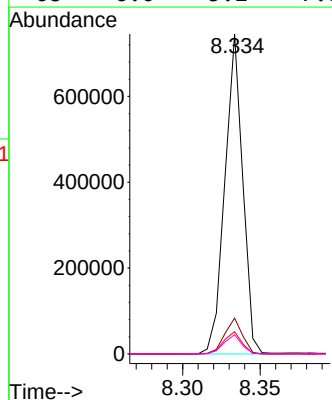
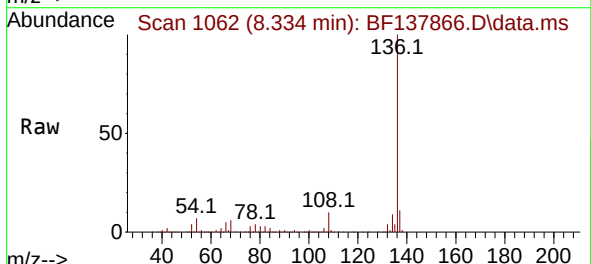
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.2	19.8
71	34.5	25.0	37.4

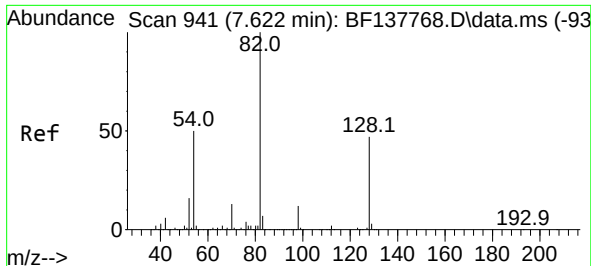


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion: 136 Resp: 597366

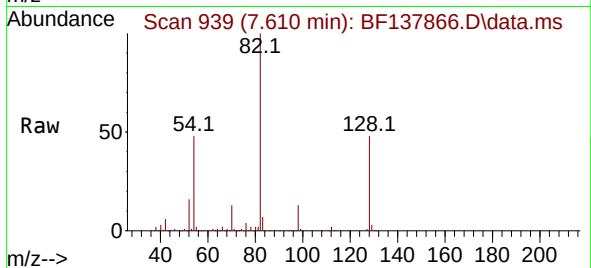
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.9	5.8	8.8
68	6.0	5.2	7.8



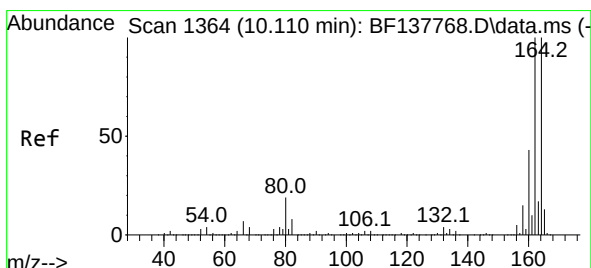
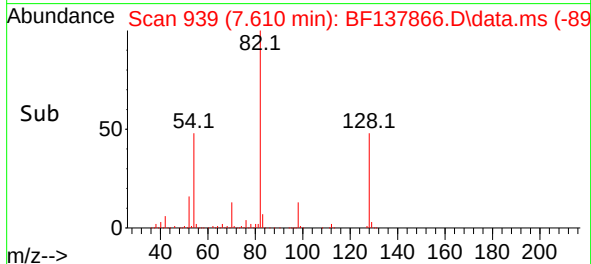
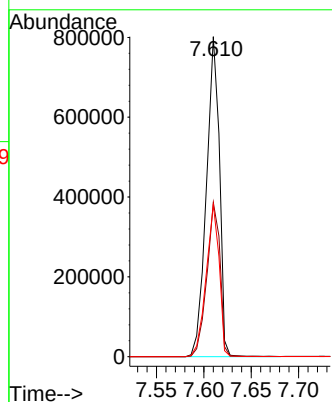


#23
Nitrobenzene-d5
Concen: 74.793 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-KK

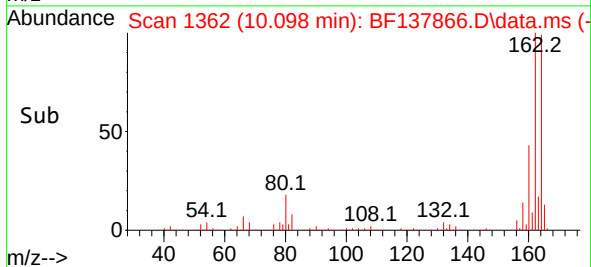
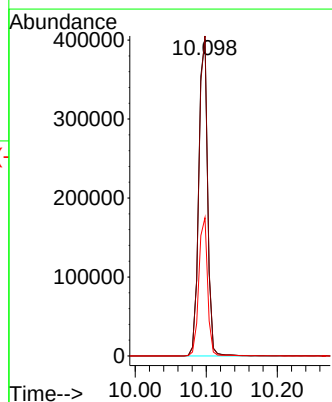
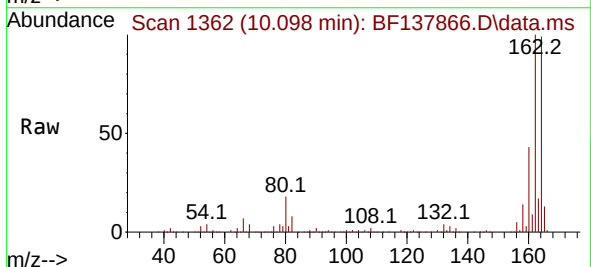


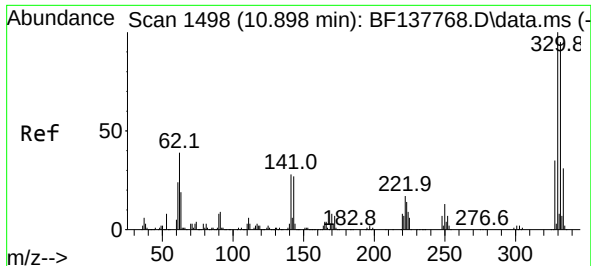
Tgt Ion: 82 Resp: 769020
Ion Ratio Lower Upper
82 100
128 48.2 37.5 56.3
54 47.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion: 164 Resp: 349735
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.6
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 127.925 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-KK

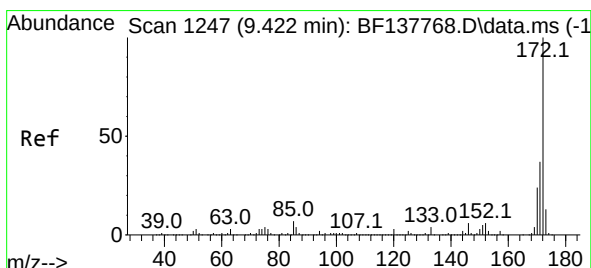
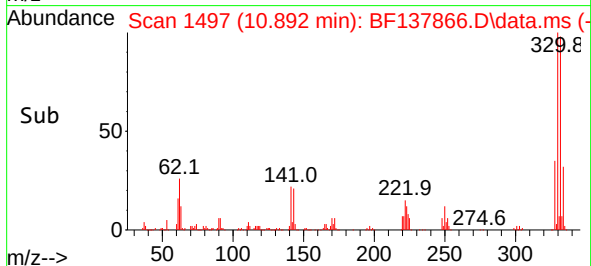
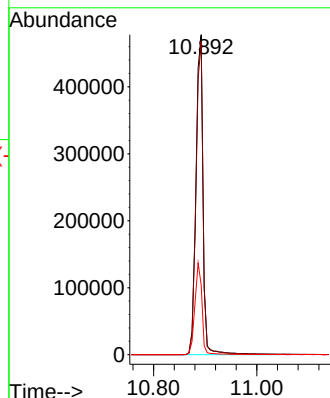
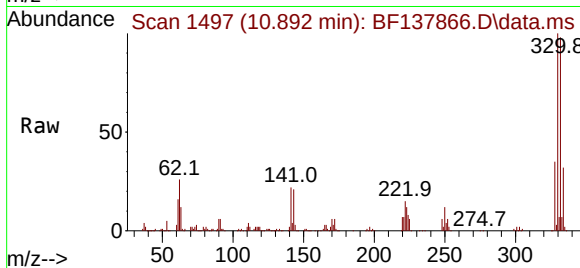
Tgt Ion:330 Resp: 456804

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 28.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 76.157 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

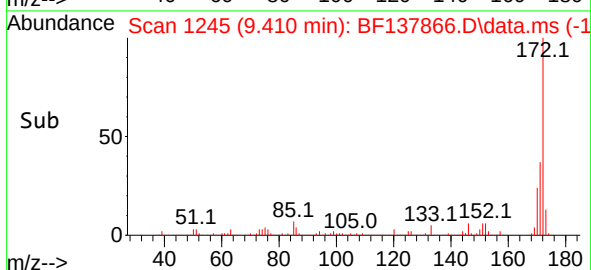
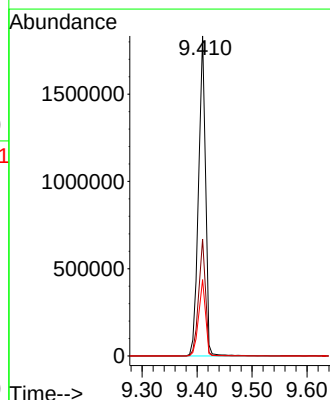
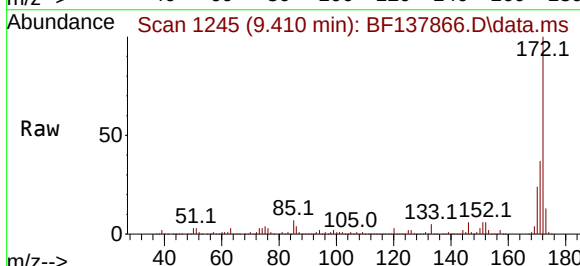
Tgt Ion:172 Resp: 1641717

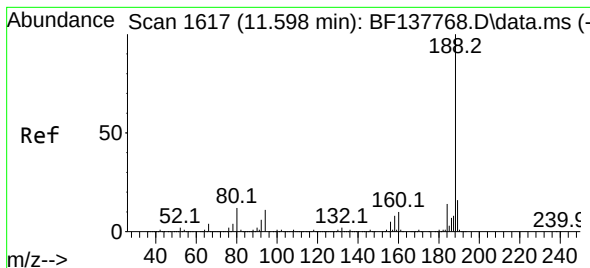
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-KK

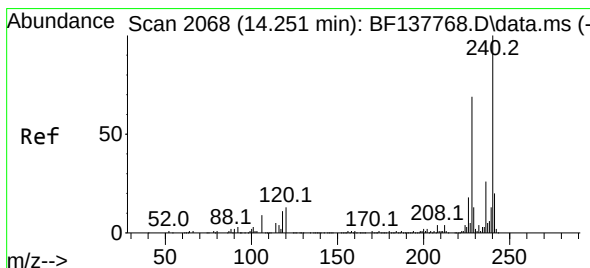
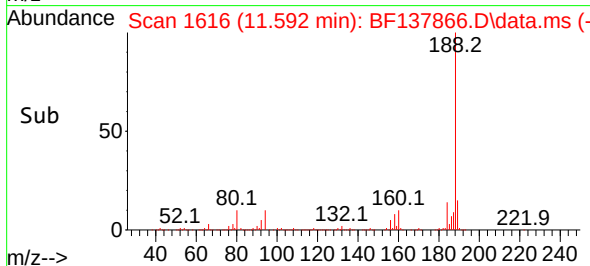
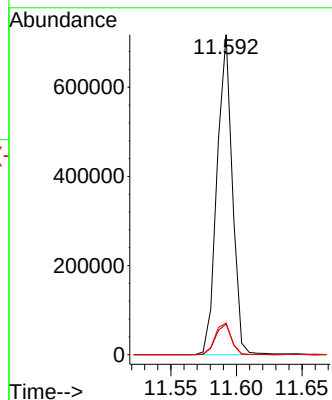
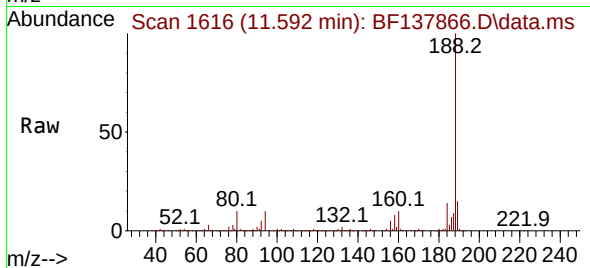
Tgt Ion:188 Resp: 581342

Ion Ratio Lower Upper

188 100

94 9.6 8.8 13.2

80 9.9 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

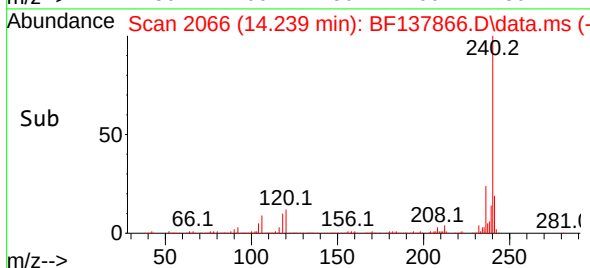
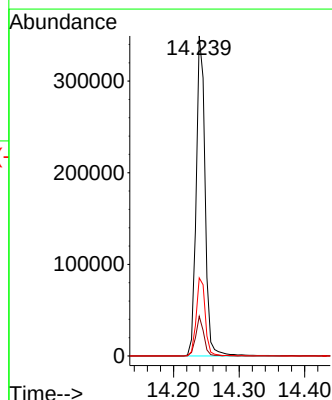
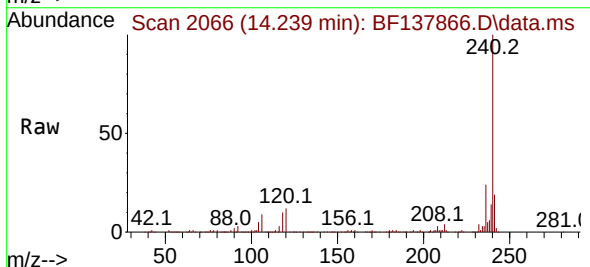
Tgt Ion:240 Resp: 331013

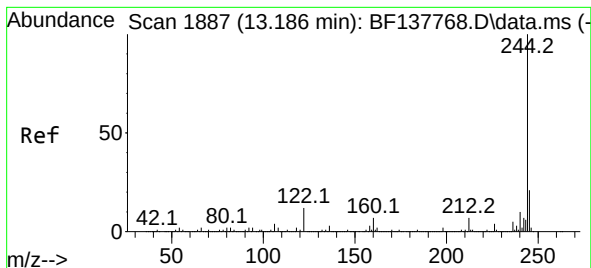
Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 24.4 20.4 30.6





#79

Terphenyl-d14

Concen: 109.447 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137866.D

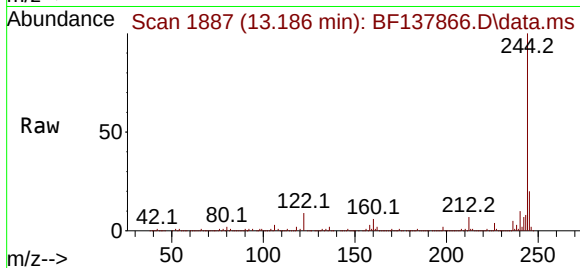
Acq: 09 May 2024 16:21

Instrument :

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ClientSampleId :

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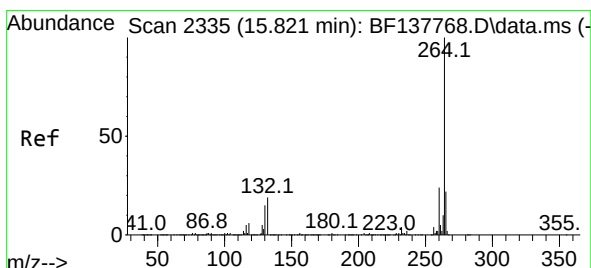
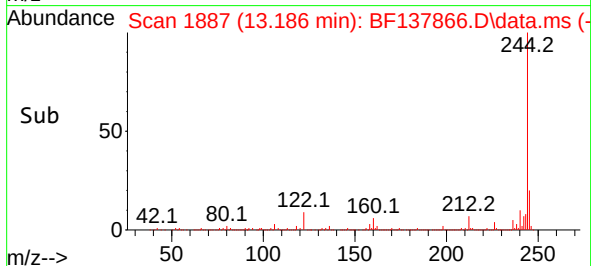
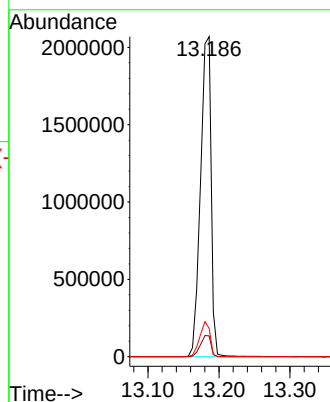
Tgt Ion:244 Resp: 2161769

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 8.8 9.4 14.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

Tgt Ion:264 Resp: 274884

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.4 26.0

