

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130426.D
 Acq On : 27 Sep 2022 15:40
 Operator : CG\JU
 Sample : N4809-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923

Quant Time: Sep 27 18:42:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	114595	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	458191	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	252255	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	454246	20.000	ng	#-0.01
76) Chrysene-d12	13.786	240	357360	20.000	ng	#-0.02
86) Perylene-d12	15.174	264	302343	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	899664	136.170	ng	0.02
7) Phenol-d6	6.293	99	1005415	121.621	ng	0.00
23) Nitrobenzene-d5	7.216	82	797605	88.933	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	478583	198.000	ng	-0.01
45) 2-Fluorobiphenyl	9.004	172	1574847	90.911	ng	-0.01
79) Terphenyl-d14	12.745	244	2095523	97.135	ng	-0.01

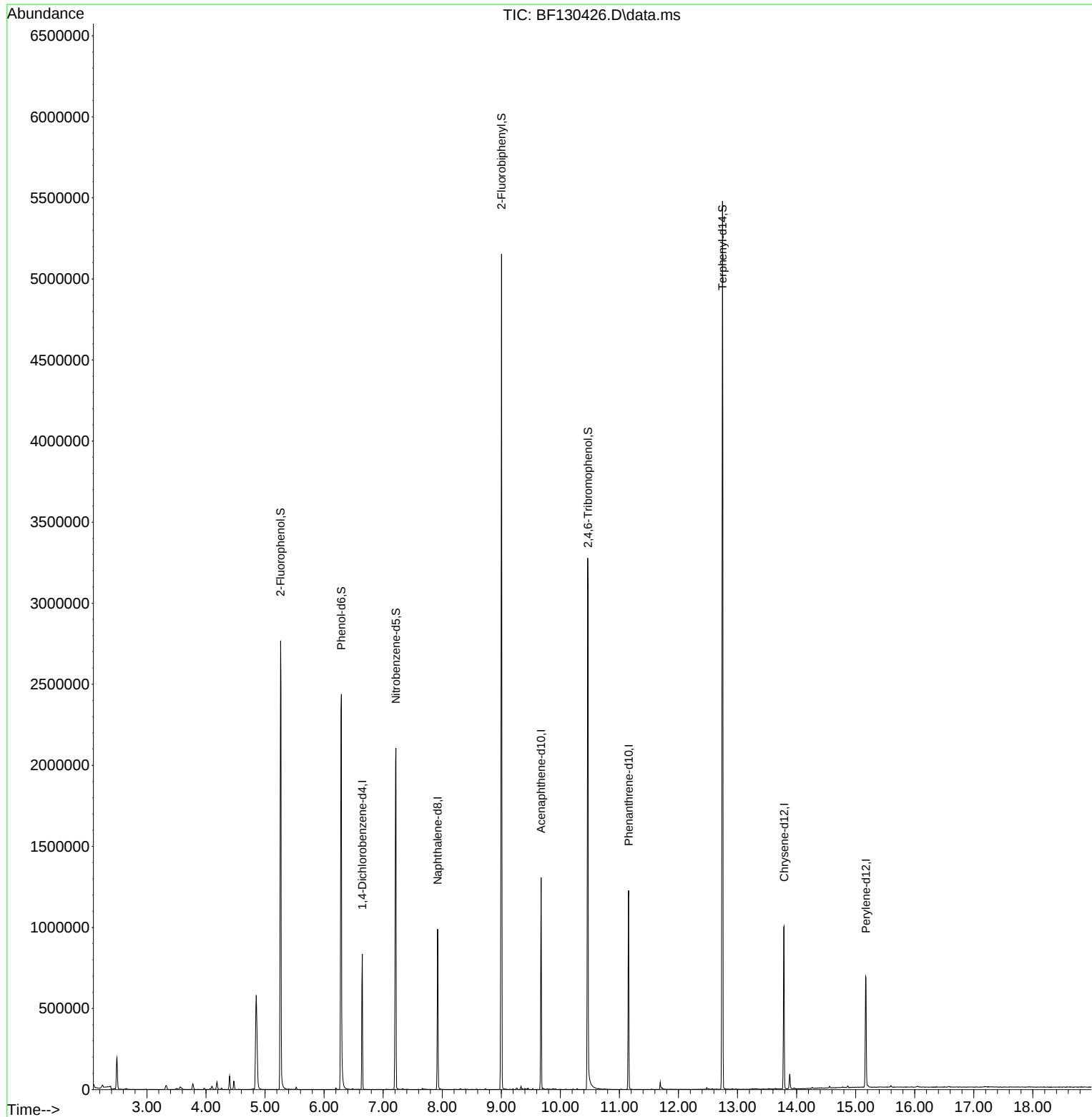
Target Compounds Qvalue

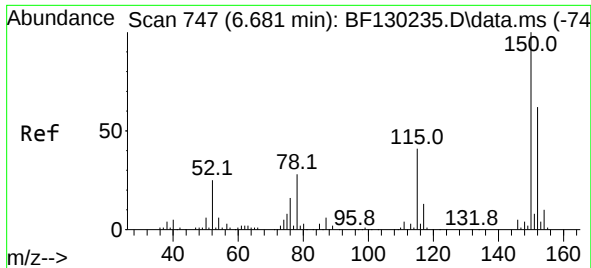
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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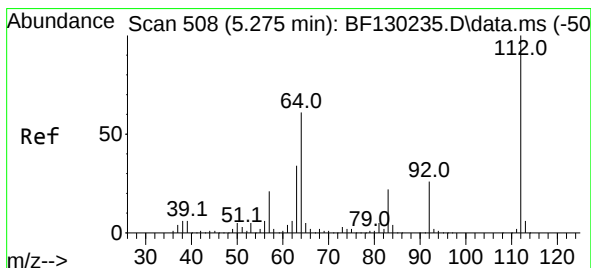
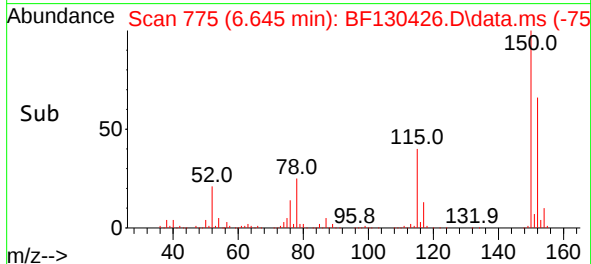
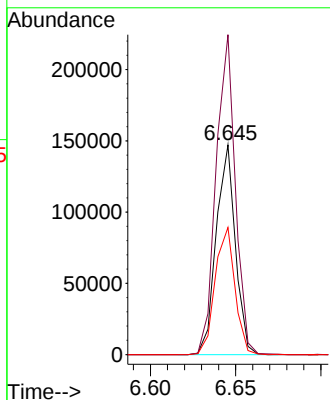
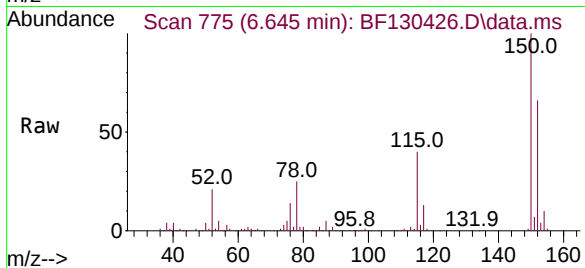




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

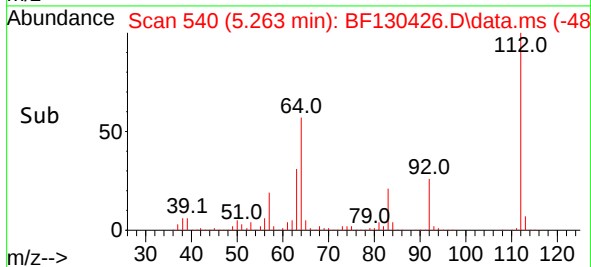
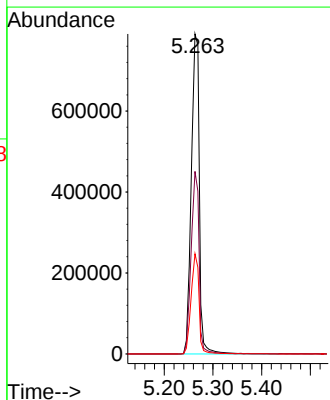
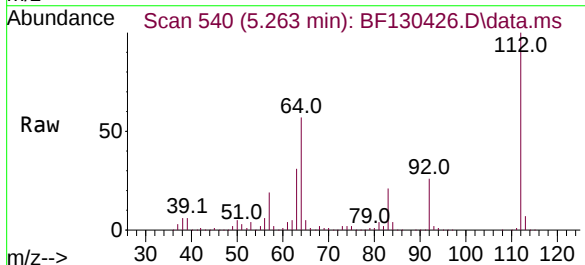
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923

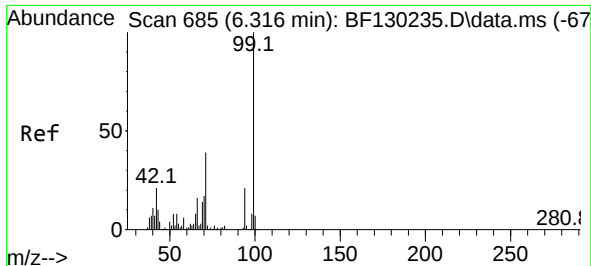
Tgt Ion:152 Resp: 114595
 Ion Ratio Lower Upper
 152 100
 150 152.6 122.8 184.2
 115 60.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 136.170 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.018 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

Tgt Ion:112 Resp: 899664
 Ion Ratio Lower Upper
 112 100
 64 57.1 51.4 77.0
 63 31.3 28.8 43.2

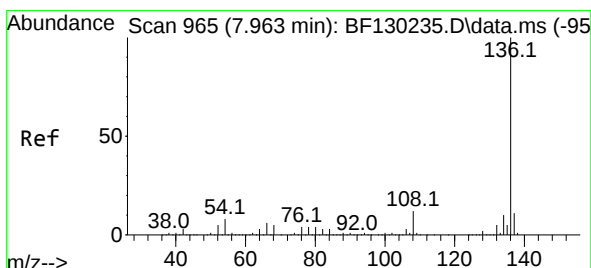
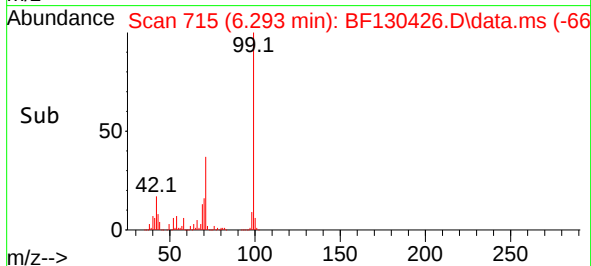
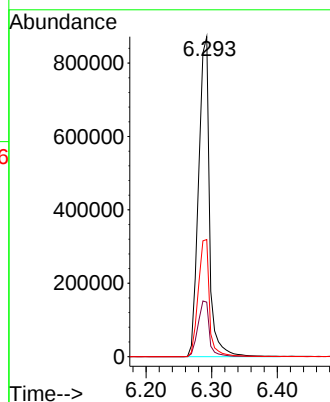
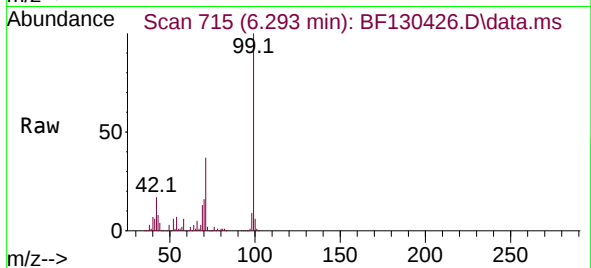




#7
Phenol-d6
Concen: 121.621 ng
RT: 6.293 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

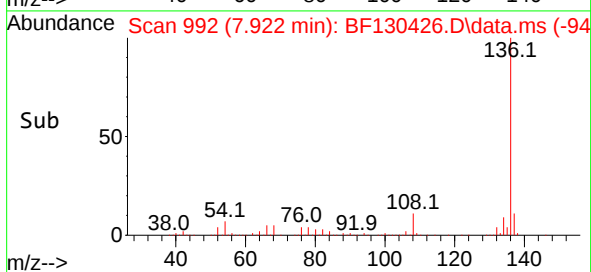
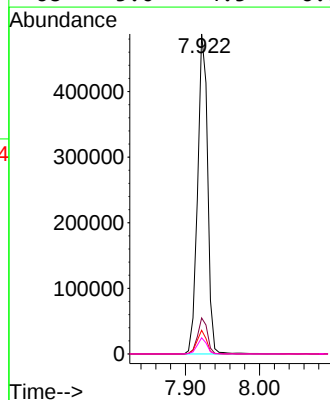
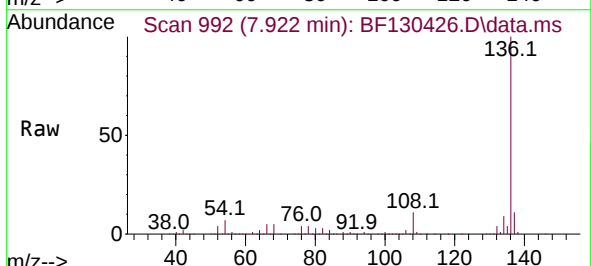
Instrument :
BNA_F
ClientSampleId :
TP1-0923

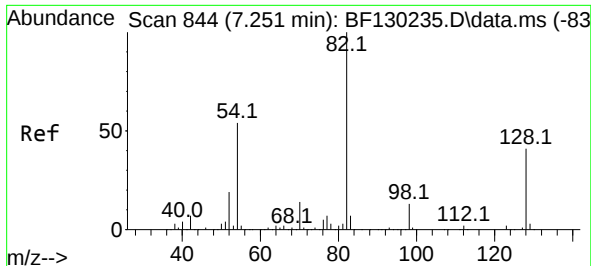
Tgt Ion: 99 Resp: 1005415
Ion Ratio Lower Upper
99 100
42 17.0 17.0 25.6#
71 36.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.018 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

Tgt Ion:136 Resp: 458191
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 7.1 10.7
68 5.0 4.5 6.7

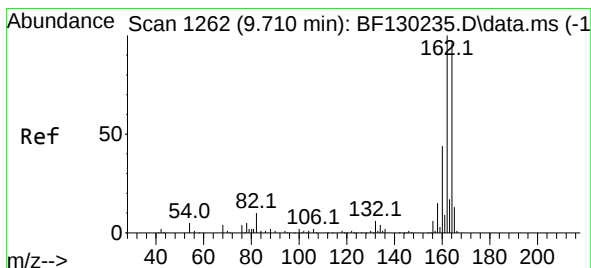
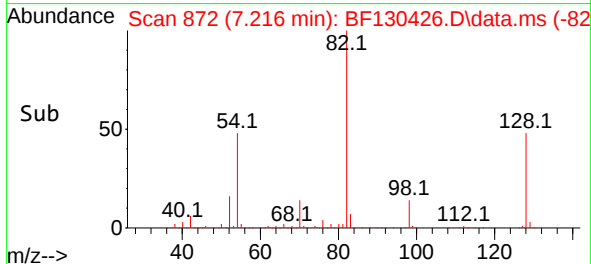
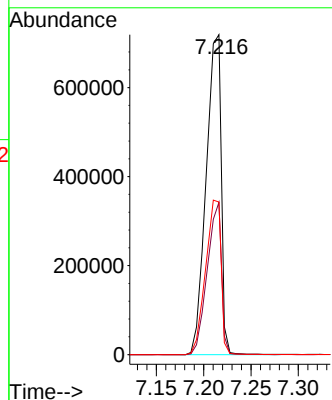
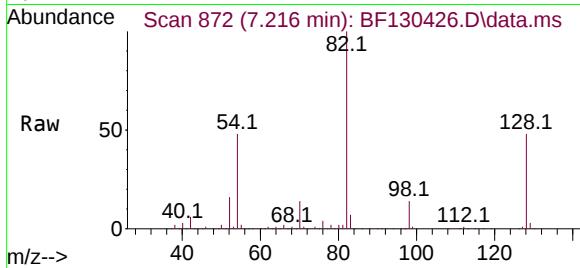




#23
 Nitrobenzene-d5
 Concen: 88.933 ng
 RT: 7.216 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

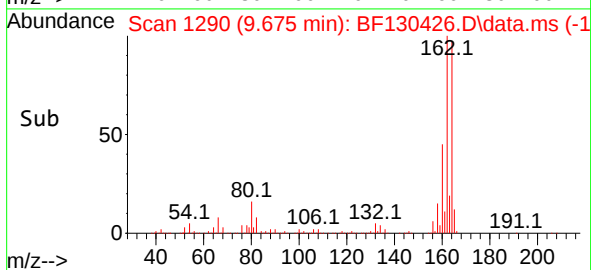
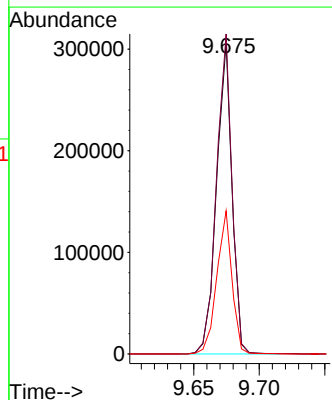
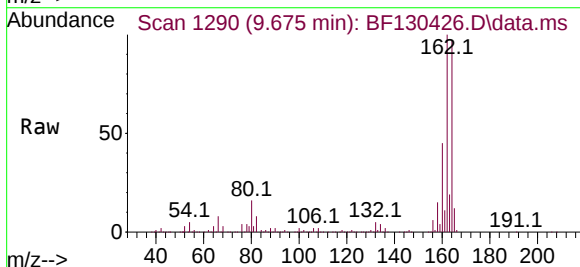
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923

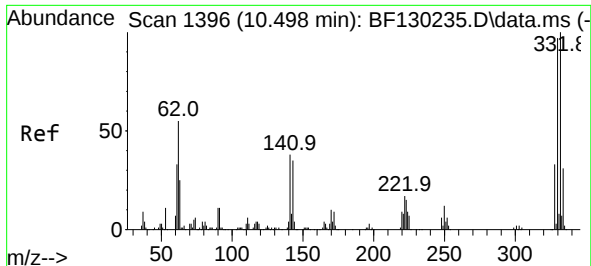
Tgt Ion: 82 Resp: 797605
 Ion Ratio Lower Upper
 82 100
 128 47.6 32.6 49.0
 54 47.7 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.675 min Scan# 1290
 Delta R.T. -0.012 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

Tgt Ion: 164 Resp: 252255
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.0
 160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 198.000 ng

RT: 10.469 min Scan# 1425

Delta R.T. -0.012 min

Lab File: BF130426.D

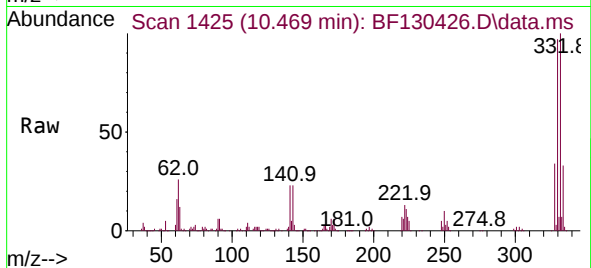
Acq: 27 Sep 2022 15:40

Instrument :

BNA_F

ClientSampleId :

TP1-0923



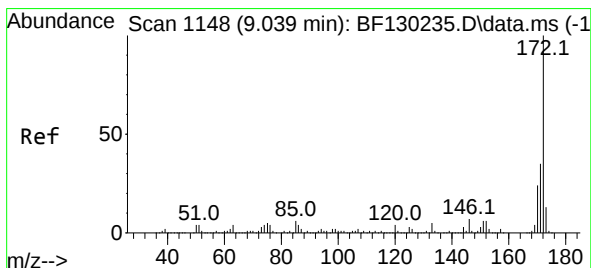
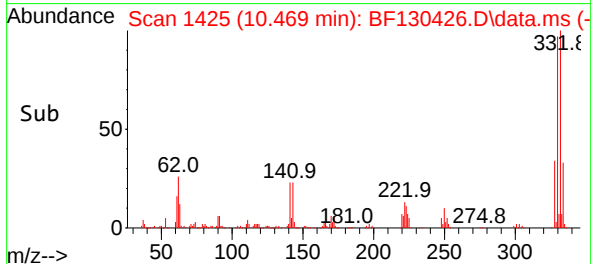
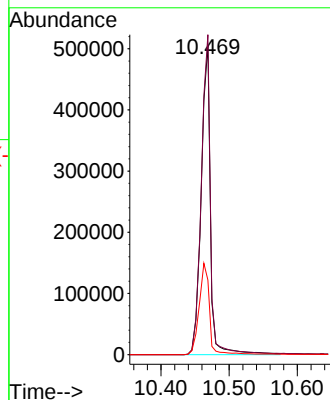
Tgt Ion:330 Resp: 478583

Ion Ratio Lower Upper

330 100

332 104.5 83.4 125.2

141 32.7 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 90.911 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.012 min

Lab File: BF130426.D

Acq: 27 Sep 2022 15:40

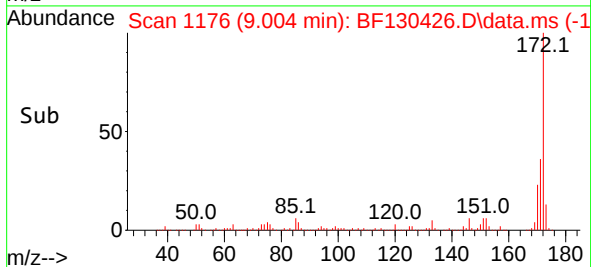
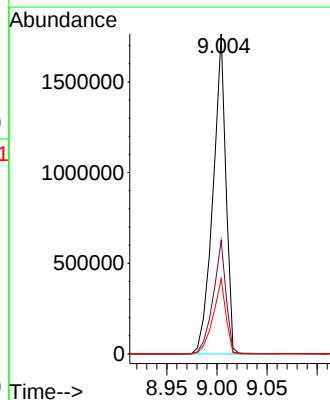
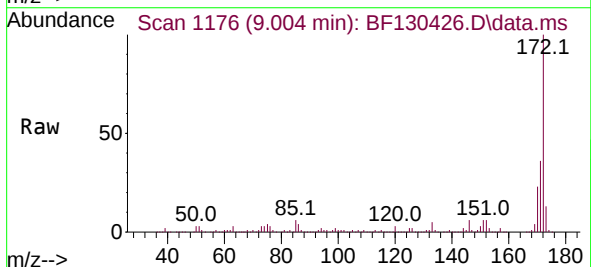
Tgt Ion:172 Resp: 1574847

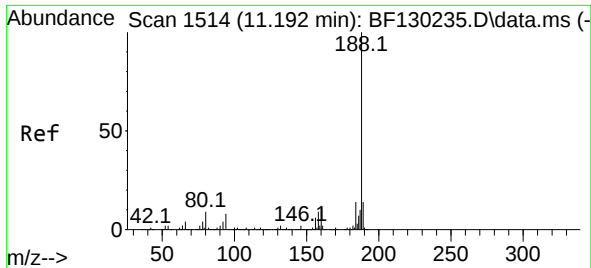
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.7 28.1

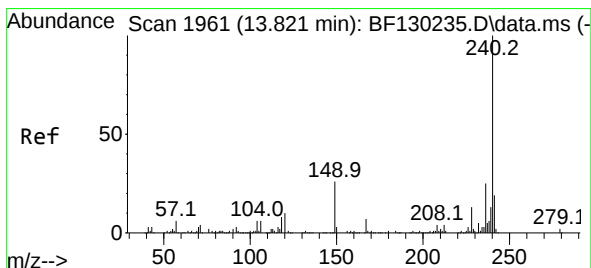
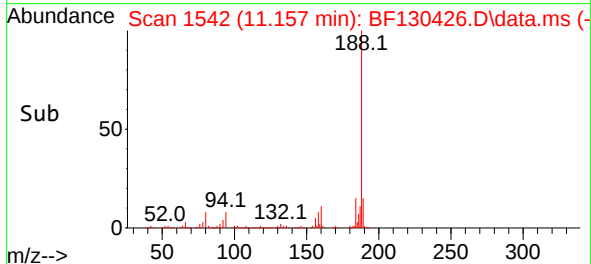
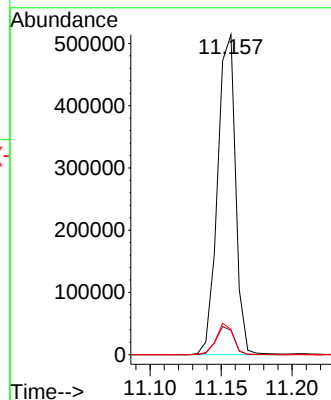
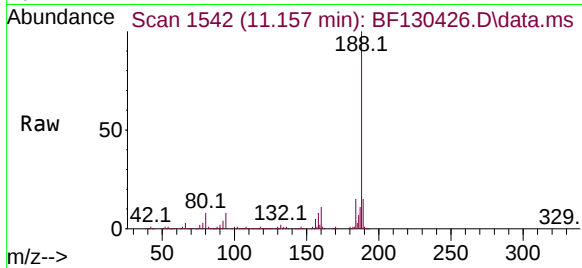




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 111
Delta R.T. -0.012 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

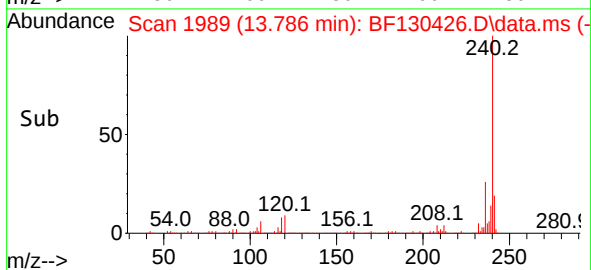
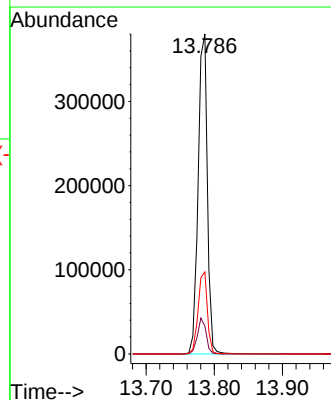
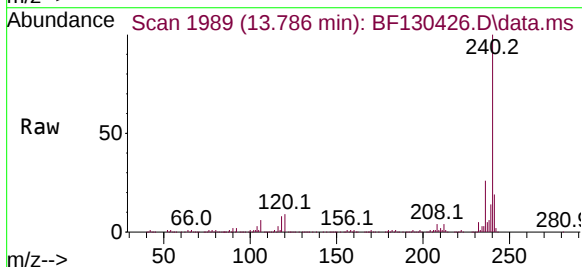
Instrument :
BNA_F
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TP1-0923

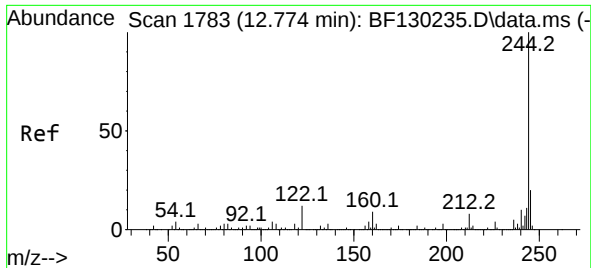
Tgt Ion:188 Resp: 454246
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 7.9 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF130426.D
Acq: 27 Sep 2022 15:40

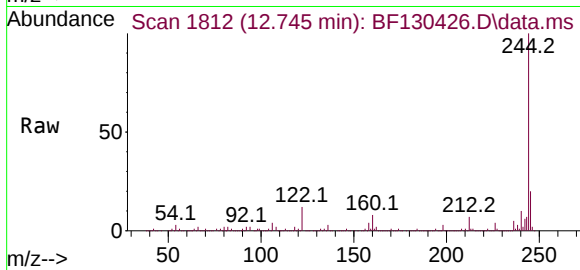
Tgt Ion:240 Resp: 357360
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 25.6 20.9 31.3



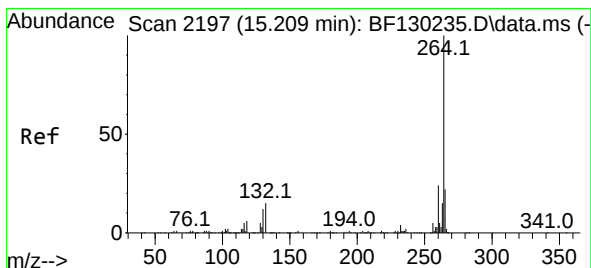
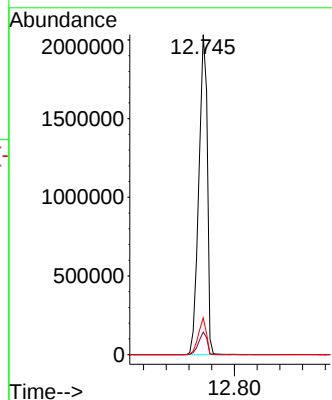
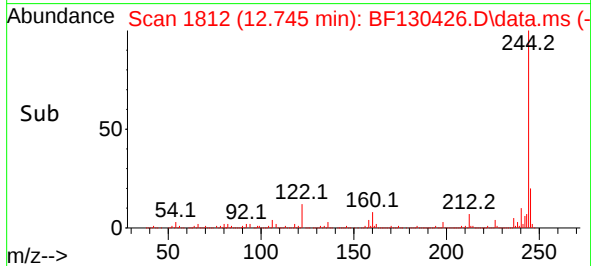


#79
 Terphenyl-d14
 Concen: 97.135 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40

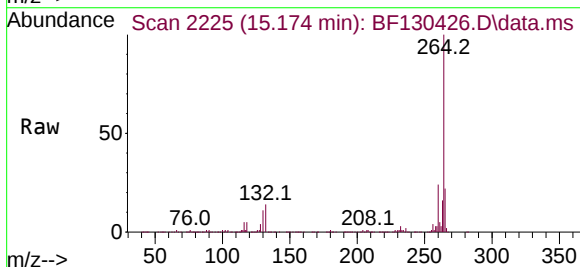
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0923



Tgt Ion:244 Resp: 2095523
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. -0.018 min
 Lab File: BF130426.D
 Acq: 27 Sep 2022 15:40



Tgt Ion:264 Resp: 302343
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.5 17.0 25.4

