

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141825.D
 Acq On : 04 Mar 2025 14:15
 Operator : RC/JU
 Sample : PB166957BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166957BL

Quant Time: Mar 04 14:44:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	311350	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1222403	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	667294	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1172173	20.000	ng	0.00
76) Chrysene-d12	14.039	240	949625	20.000	ng	-0.01
86) Perylene-d12	15.509	264	798686	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2432538	124.771	ng	0.02
7) Phenol-d6	6.504	99	3022065	119.092	ng	0.00
23) Nitrobenzene-d5	7.445	82	1945265	101.719	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	895521	142.948	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	3655439	87.837	ng	0.00
79) Terphenyl-d14	12.992	244	4392756	74.841	ng	0.00

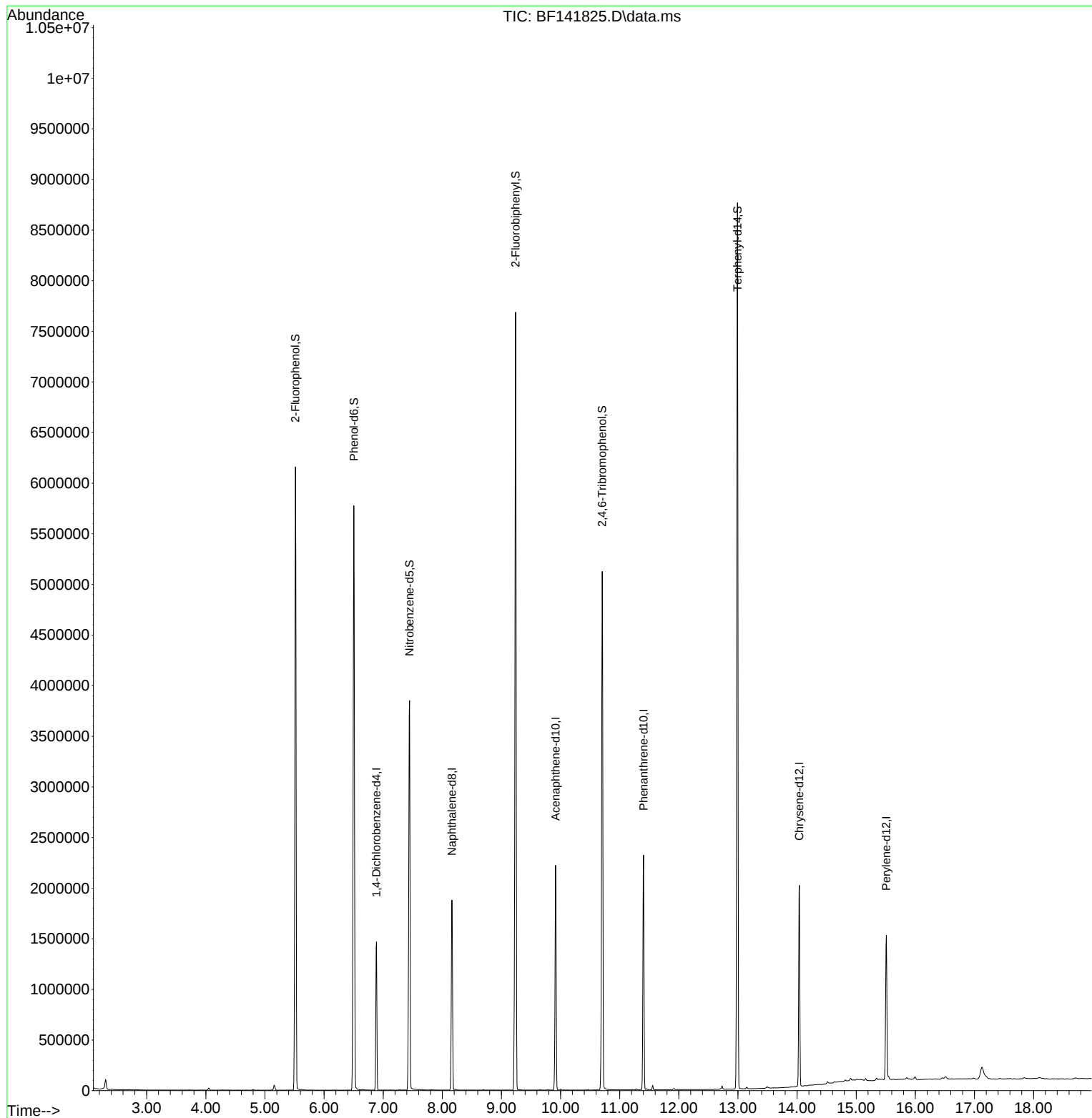
Target Compounds	Qvalue

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

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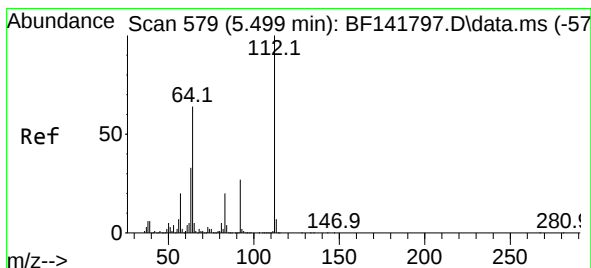
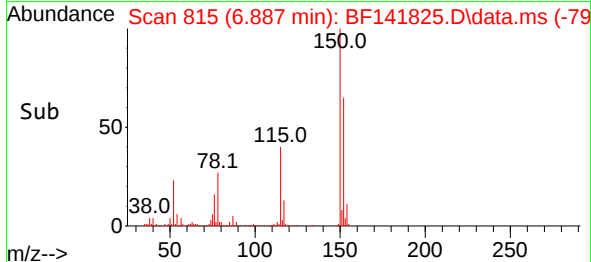
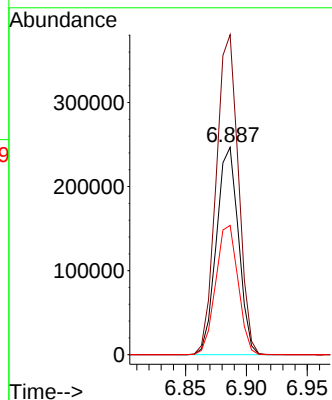
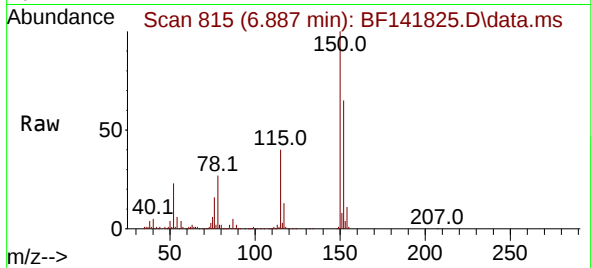




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141825.D
 Acq: 04 Mar 2025 14:15

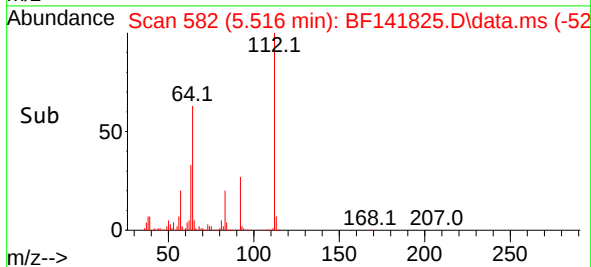
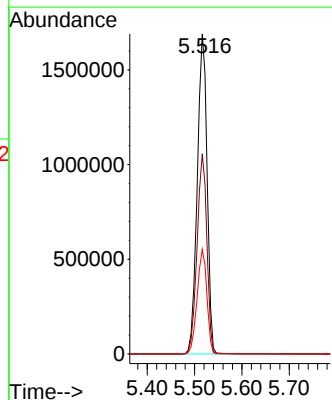
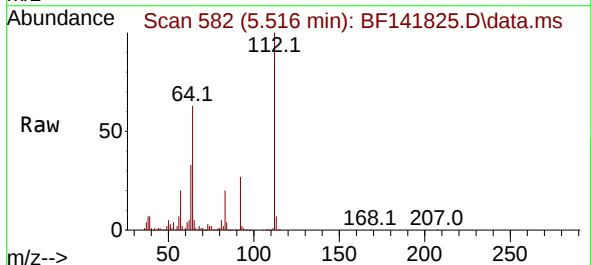
Instrument :
 BNA_F
 ClientSampleId :
 PB166957BL

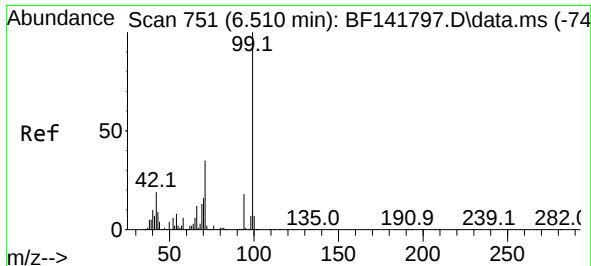
Tgt Ion:152 Resp: 311350
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.5 191.3
 115 62.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 124.771 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.017 min
 Lab File: BF141825.D
 Acq: 04 Mar 2025 14:15

Tgt Ion:112 Resp: 2432538
 Ion Ratio Lower Upper
 112 100
 64 62.5 51.3 76.9
 63 32.7 26.2 39.4

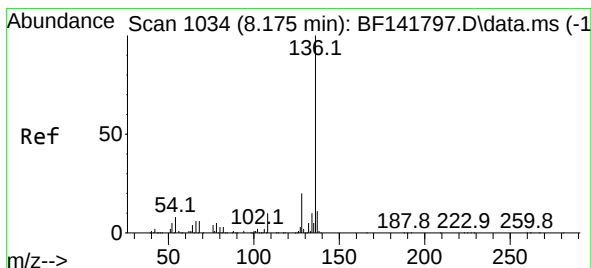
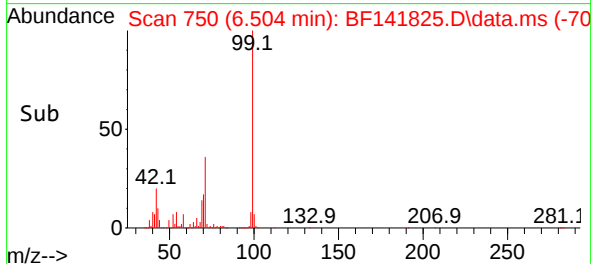
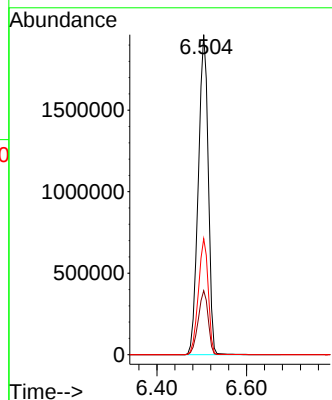
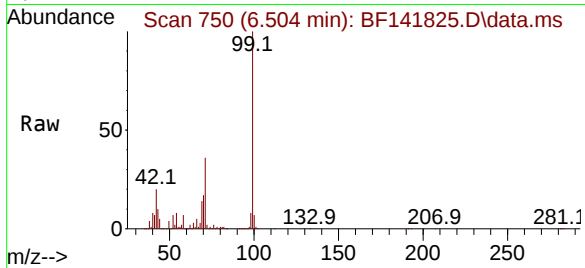




#7
Phenol-d6
Concen: 119.092 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141825.D
Acq: 04 Mar 2025 14:15

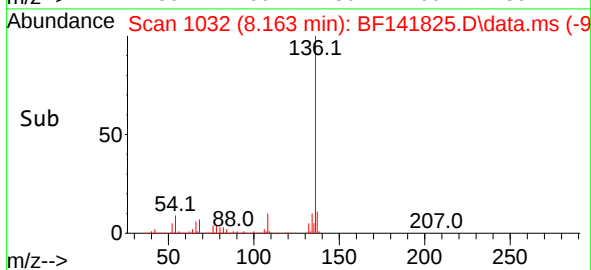
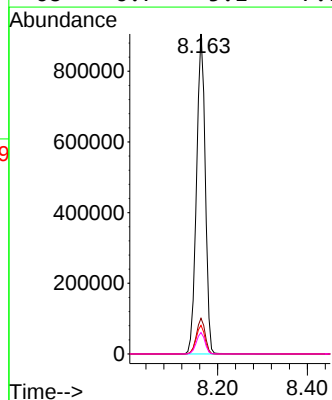
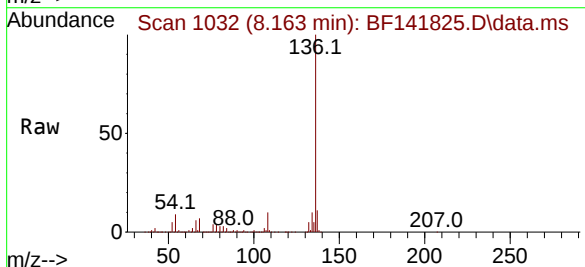
Instrument :
BNA_F
ClientSampleId :
PB166957BL

Tgt Ion: 99 Resp: 3022065
Ion Ratio Lower Upper
99 100
42 20.0 15.2 22.8
71 36.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141825.D
Acq: 04 Mar 2025 14:15

Tgt Ion:136 Resp: 1222403
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.9 6.9 10.3
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 101.719 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141825.D

Acq: 04 Mar 2025 14:15

Instrument :

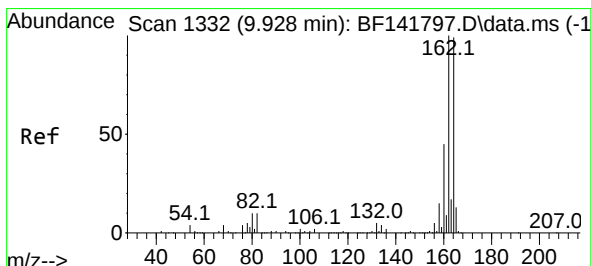
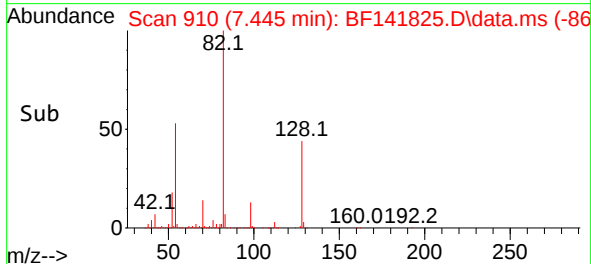
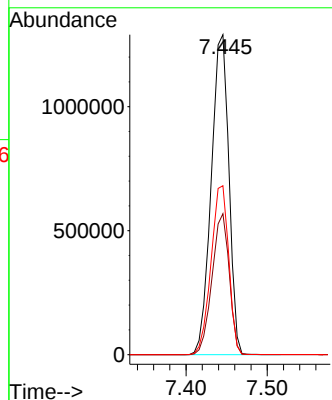
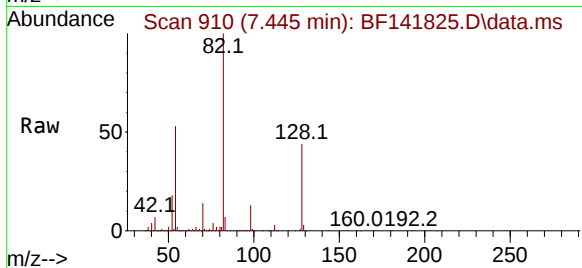
BNA_F

ClientSampleId :

PB166957BL

Tgt Ion: 82 Resp: 1945265

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.5	50.3
54	52.8	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

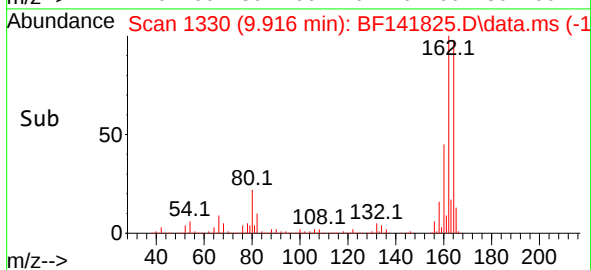
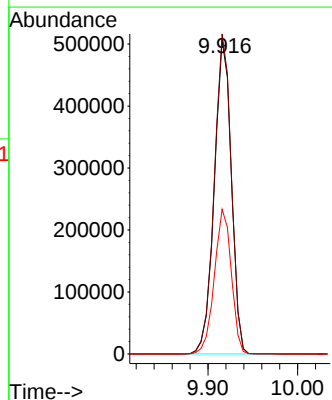
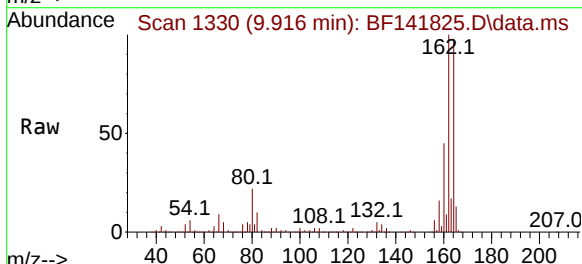
Delta R.T. -0.012 min

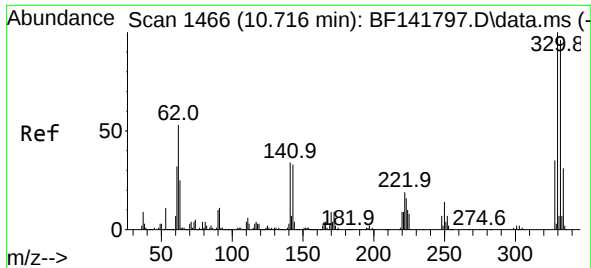
Lab File: BF141825.D

Acq: 04 Mar 2025 14:15

Tgt Ion: 164 Resp: 667294

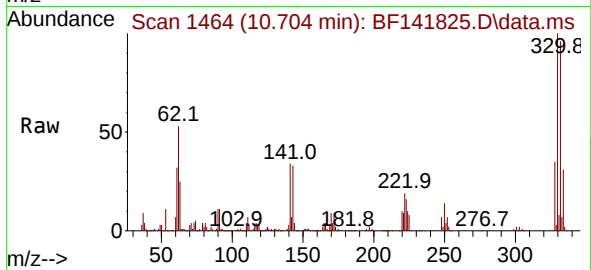
Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	46.0	36.3	54.5



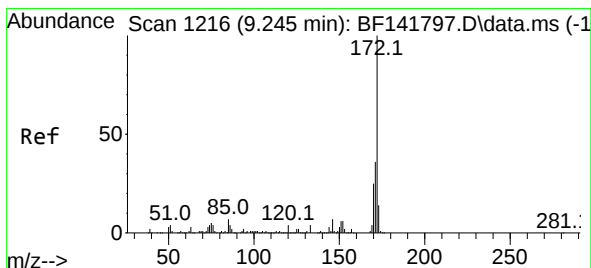
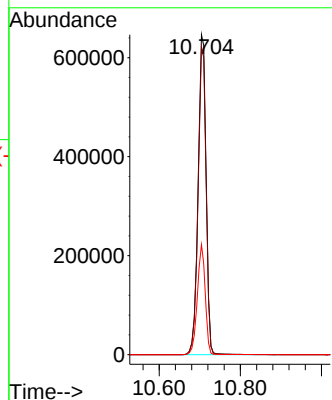
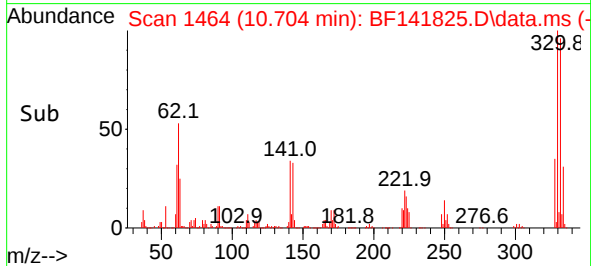


#42
 2,4,6-Tribromophenol
 Concen: 142.948 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.012 min
 Lab File: BF141825.D
 Acq: 04 Mar 2025 14:15

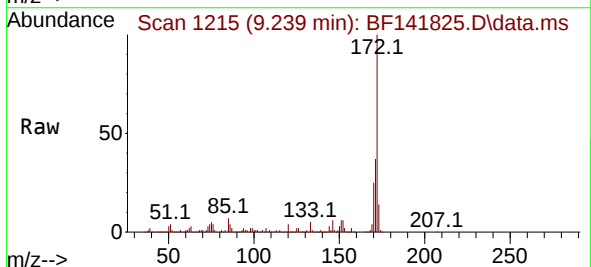
Instrument :
 BNA_F
 ClientSampleId :
 PB166957BL



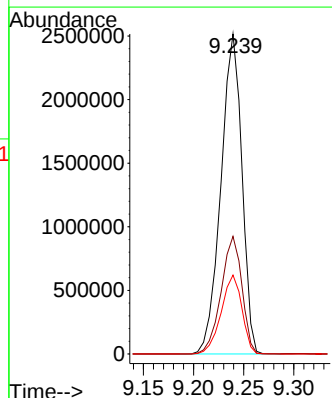
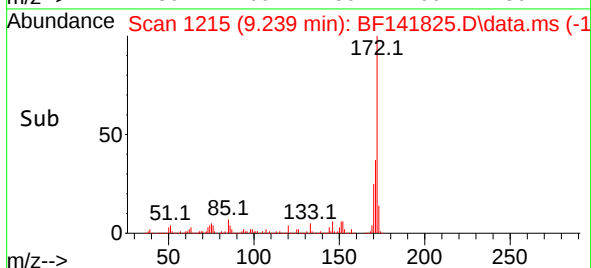
Tgt Ion:330 Resp: 895521
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 33.9 29.0 43.4

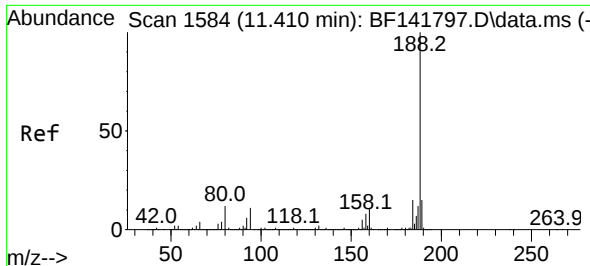


#45
 2-Fluorobiphenyl
 Concen: 87.837 ng
 RT: 9.239 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF141825.D
 Acq: 04 Mar 2025 14:15



Tgt Ion:172 Resp: 3655439
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.2 43.8
 170 24.6 19.7 29.5

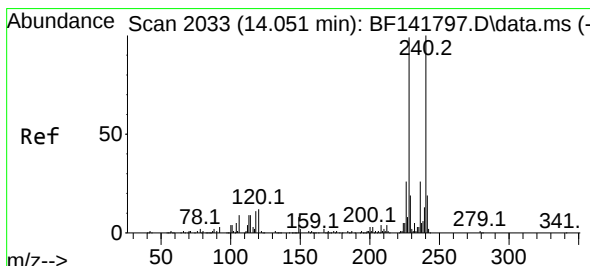
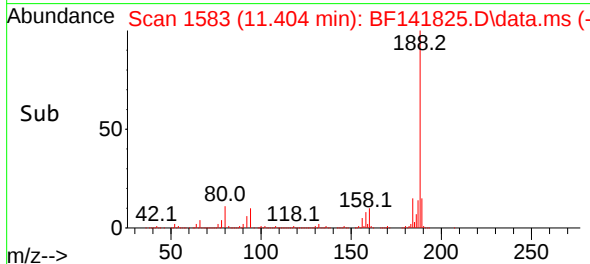
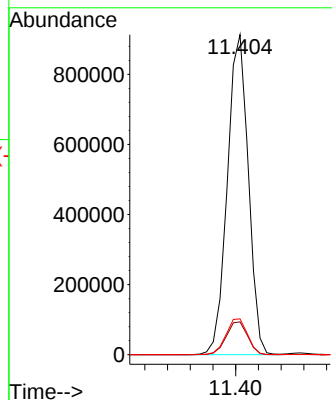
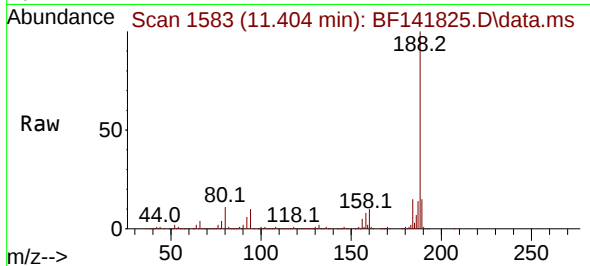




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141825.D
Acq: 04 Mar 2025 14:15

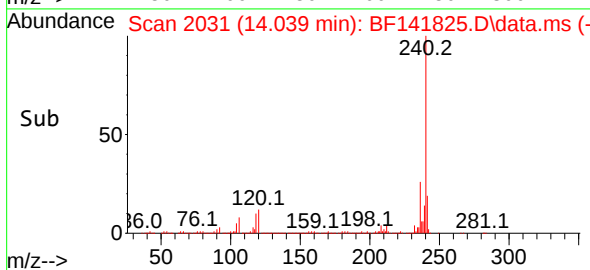
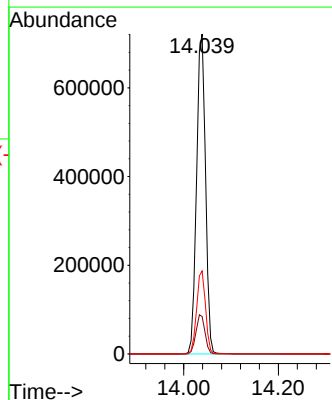
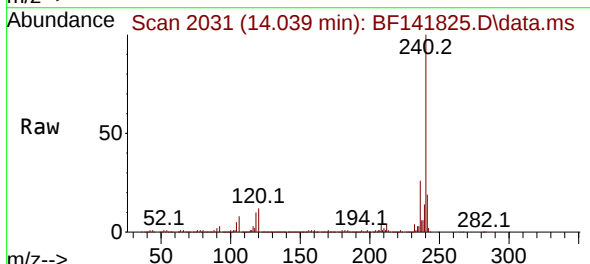
Instrument :
BNA_F
ClientSampleId :
PB166957BL

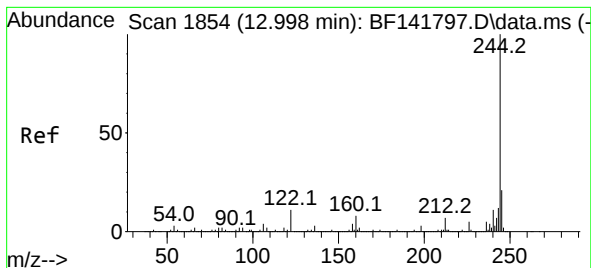
Tgt Ion:188 Resp: 1172173
Ion Ratio Lower Upper
188 100
94 10.2 8.9 13.3
80 11.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141825.D
Acq: 04 Mar 2025 14:15

Tgt Ion:240 Resp: 949625
Ion Ratio Lower Upper
240 100
120 11.7 9.7 14.5
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 74.841 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141825.D

Acq: 04 Mar 2025 14:15

Instrument :

BNA_F

ClientSampleId :

PB166957BL

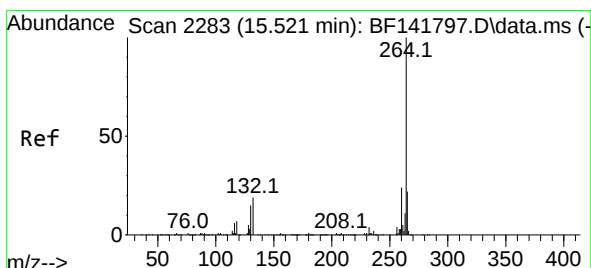
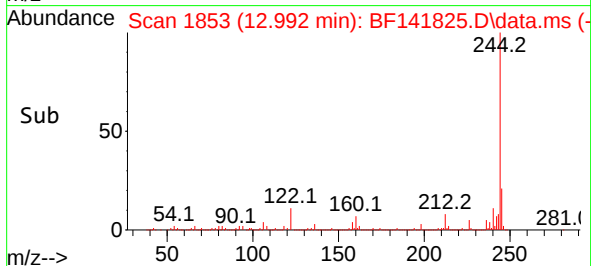
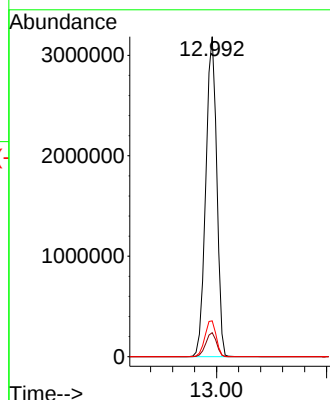
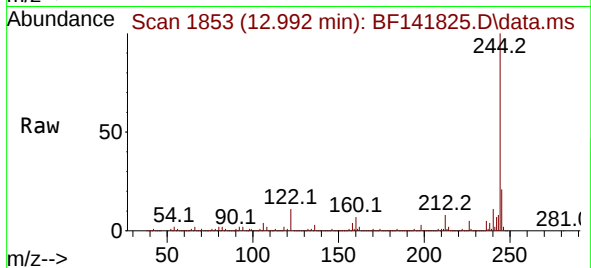
Tgt Ion:244 Resp: 4392756

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 11.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141825.D

Acq: 04 Mar 2025 14:15

Tgt Ion:264 Resp: 798686

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.2 17.4 26.0

