

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141814.D
 Acq On : 03 Mar 2025 15:44
 Operator : RC/JU
 Sample : PB166927TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166927TB

Quant Time: Mar 03 16:11:10 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	312364	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1249882	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	691686	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1233312	20.000	ng	0.00
76) Chrysene-d12	14.039	240	934699	20.000	ng	-0.01
86) Perylene-d12	15.515	264	682017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2553935	130.572	ng	0.02
7) Phenol-d6	6.504	99	3147430	123.630	ng	0.00
23) Nitrobenzene-d5	7.445	82	2081500	106.450	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	986133	151.861	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3882032	89.992	ng	0.00
79) Terphenyl-d14	12.998	244	4902500	84.860	ng	0.00

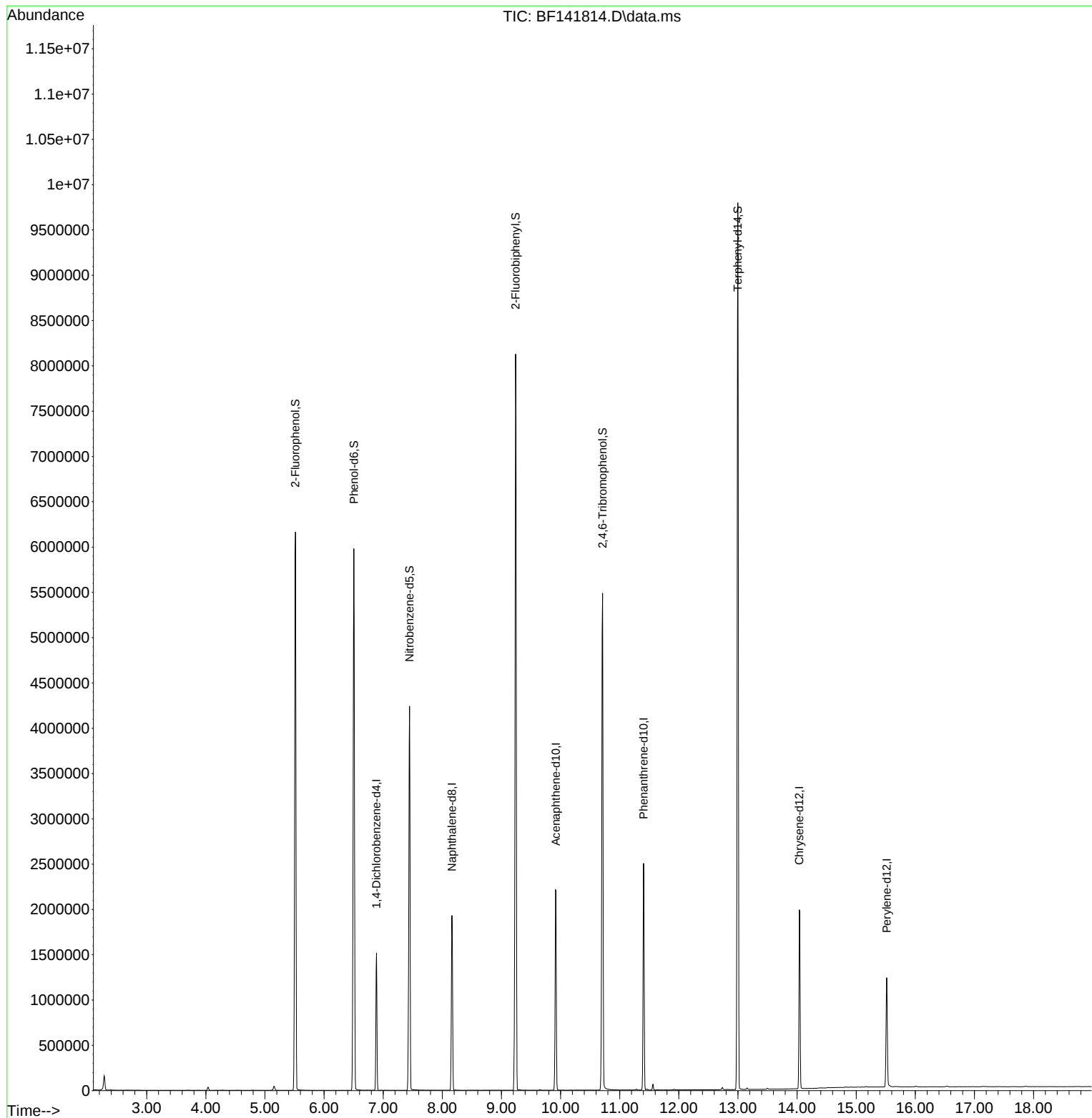
Target Compounds	Qvalue

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

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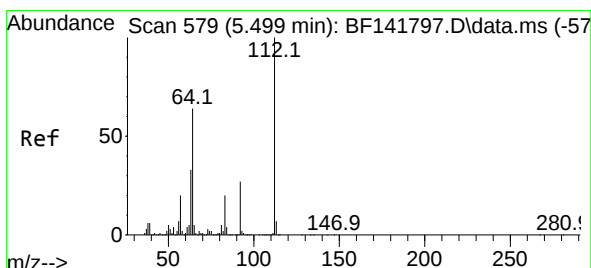
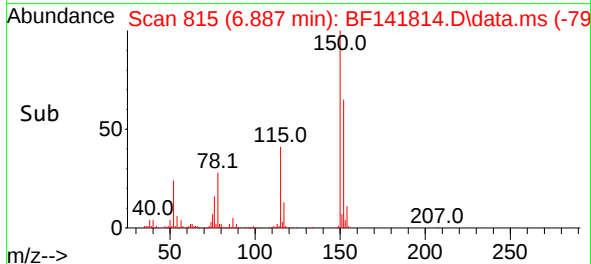
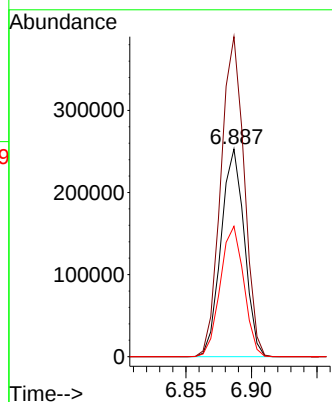
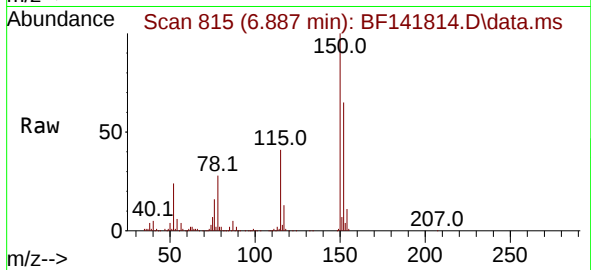




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141814.D
 Acq: 03 Mar 2025 15:44

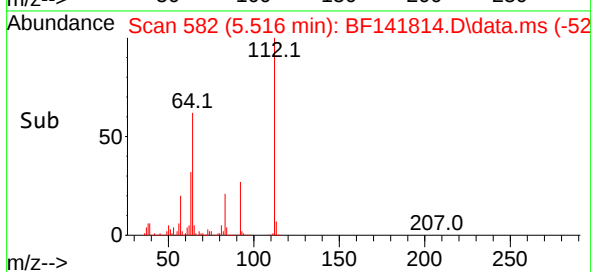
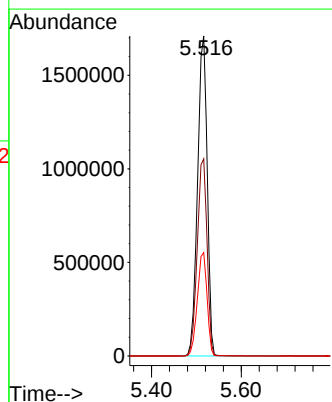
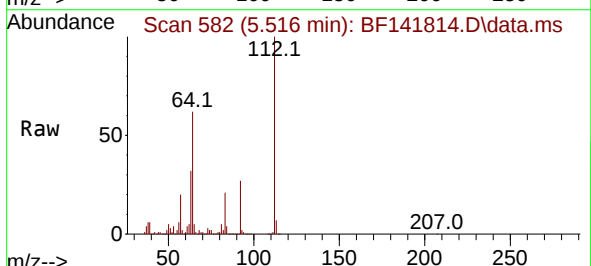
Instrument :
 BNA_F
 ClientSampleId :
 PB166927TB

Tgt Ion:152 Resp: 312364
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.5 191.3
 115 62.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 130.572 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.017 min
 Lab File: BF141814.D
 Acq: 03 Mar 2025 15:44

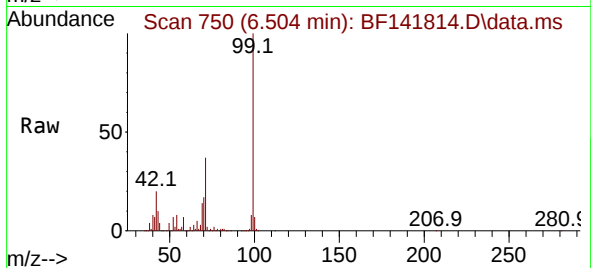
Tgt Ion:112 Resp: 2553935
 Ion Ratio Lower Upper
 112 100
 64 61.6 51.3 76.9
 63 32.3 26.2 39.4





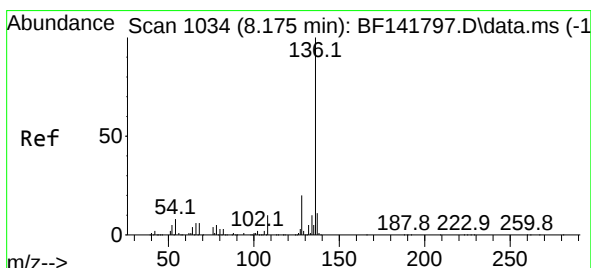
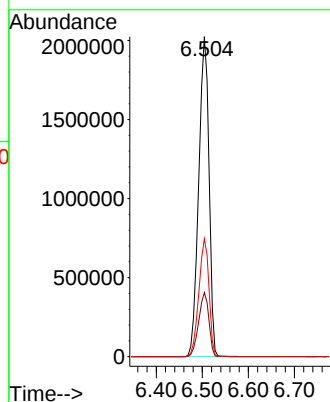
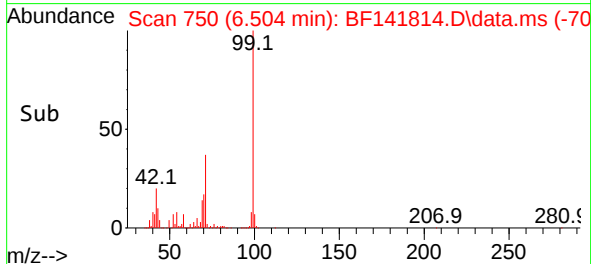
#7
Phenol-d6
Concen: 123.630 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141814.D
Acq: 03 Mar 2025 15:44

Instrument :
BNA_F
ClientSampleId :
PB166927TB



Tgt Ion: 99 Resp: 3147430

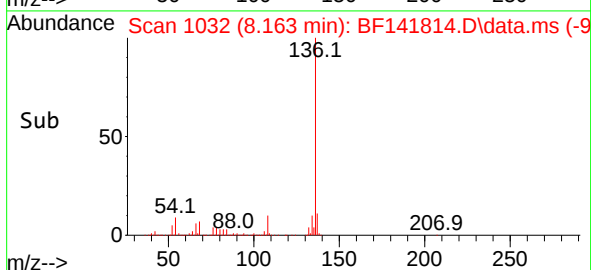
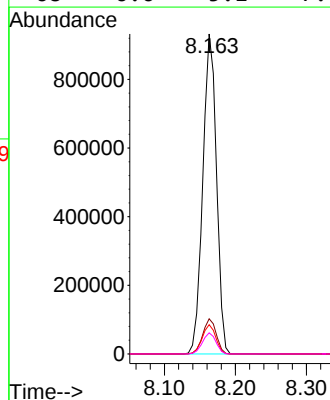
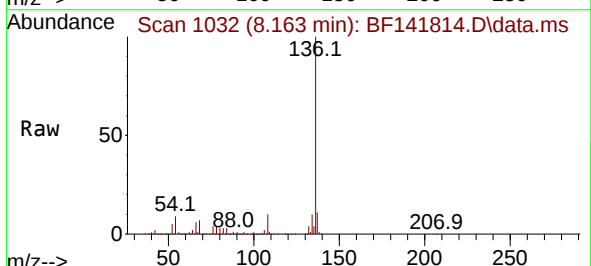
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.2	22.8
71	36.8	28.2	42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141814.D
Acq: 03 Mar 2025 15:44

Tgt Ion: 136 Resp: 1249882

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	6.9	10.3
68	6.6	5.1	7.7





#23

Nitrobenzene-d5

Concen: 106.450 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141814.D

Acq: 03 Mar 2025 15:44

Instrument :

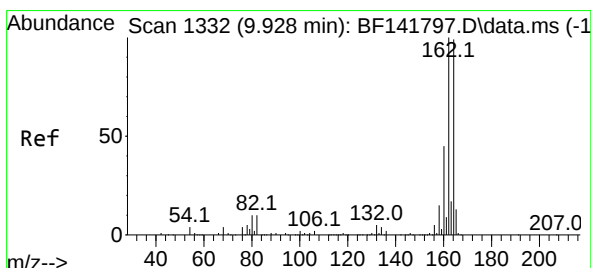
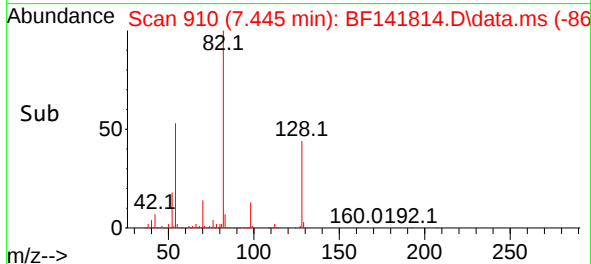
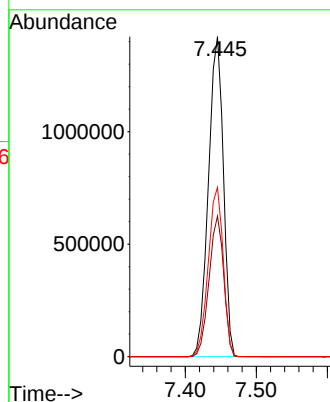
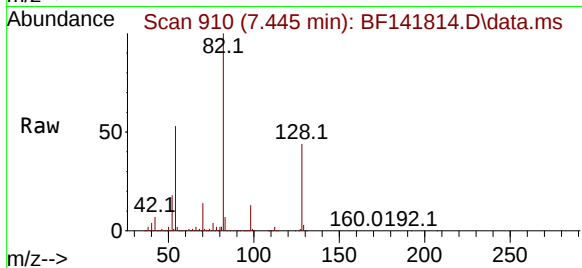
BNA_F

ClientSampleId :

PB166927TB

Tgt Ion: 82 Resp: 2081500

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.5	50.3
54	52.9	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

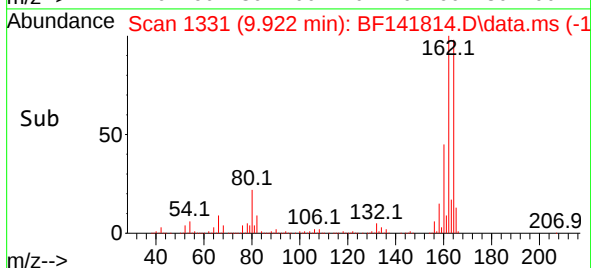
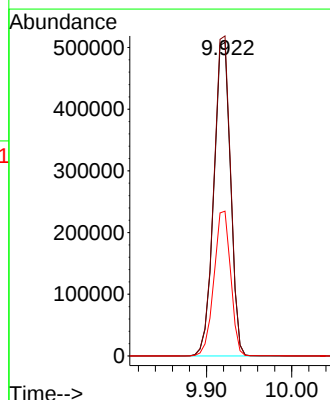
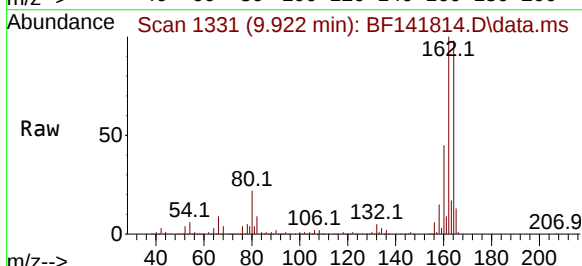
Delta R.T. -0.006 min

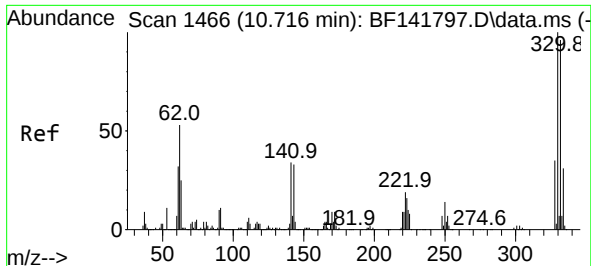
Lab File: BF141814.D

Acq: 03 Mar 2025 15:44

Tgt Ion: 164 Resp: 691686

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.2	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 151.861 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141814.D

Acq: 03 Mar 2025 15:44

Instrument :

BNA_F

ClientSampleId :

PB166927TB

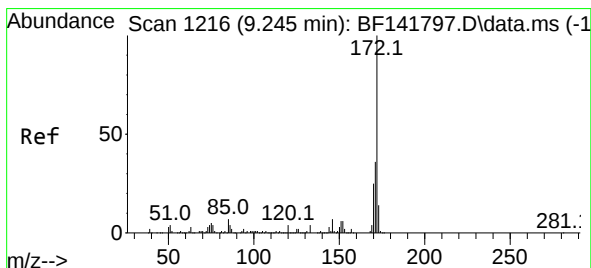
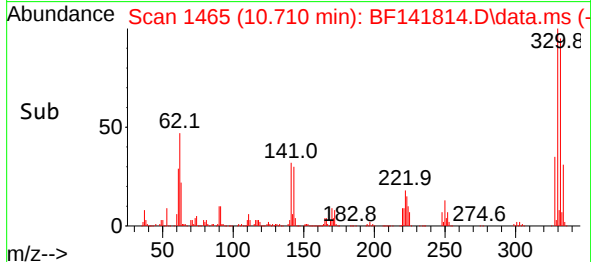
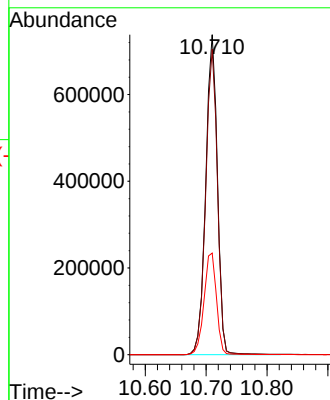
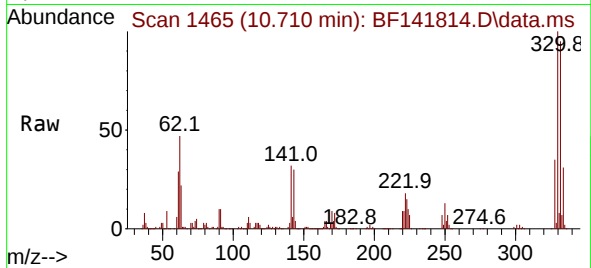
Tgt Ion:330 Resp: 986133

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 33.9 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 89.992 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141814.D

Acq: 03 Mar 2025 15:44

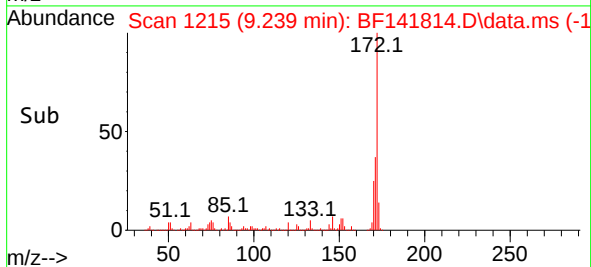
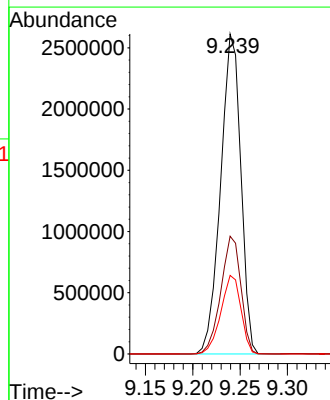
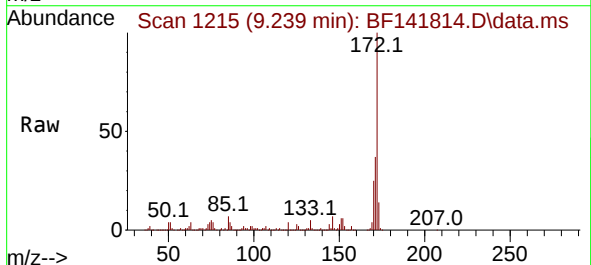
Tgt Ion:172 Resp: 3882032

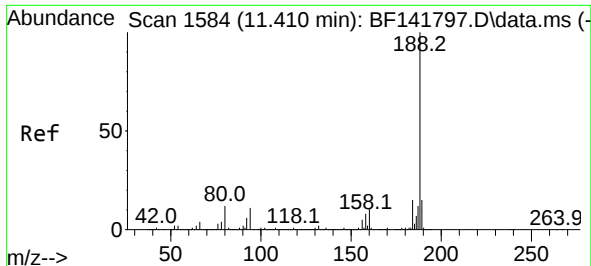
Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

170 24.6 19.7 29.5

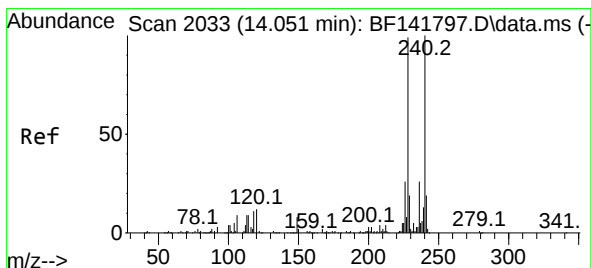
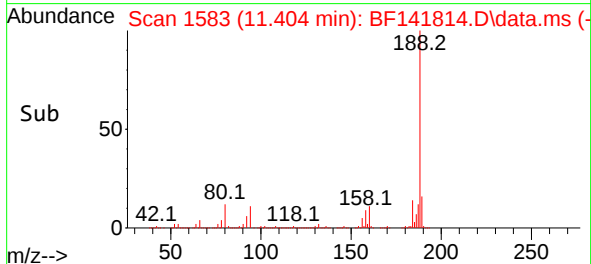
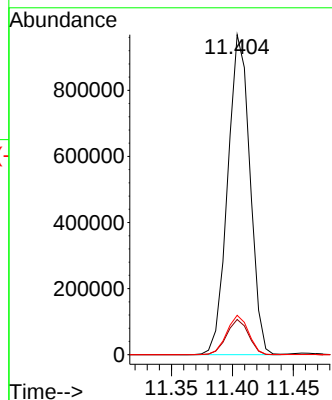
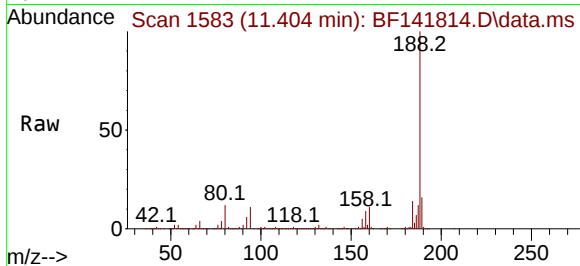




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141814.D
Acq: 03 Mar 2025 15:44

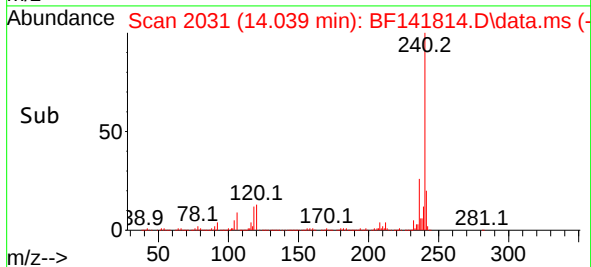
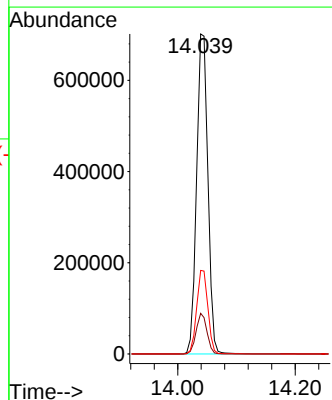
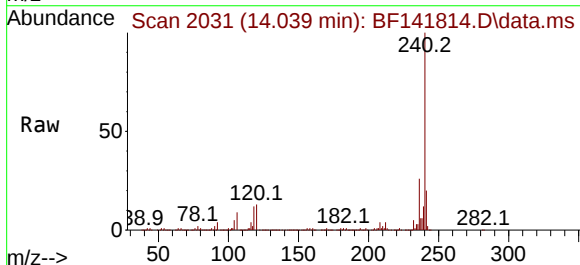
Instrument :
BNA_F
ClientSampleId :
PB166927TB

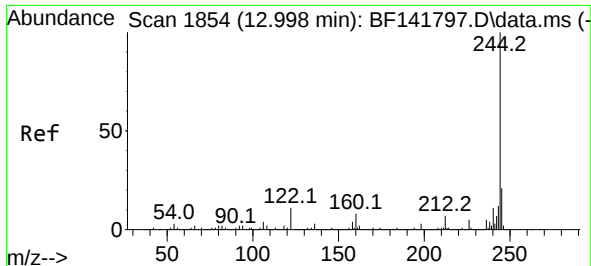
Tgt Ion:188 Resp: 1233312
Ion Ratio Lower Upper
188 100
94 11.0 8.9 13.3
80 12.3 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141814.D
Acq: 03 Mar 2025 15:44

Tgt Ion:240 Resp: 934699
Ion Ratio Lower Upper
240 100
120 12.7 9.7 14.5
236 26.1 21.0 31.4

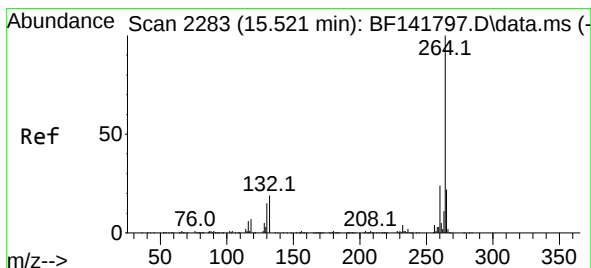
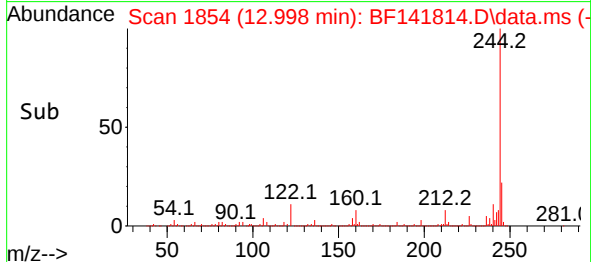
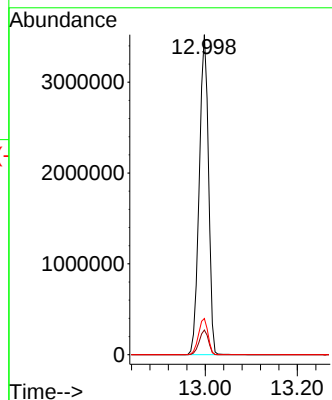
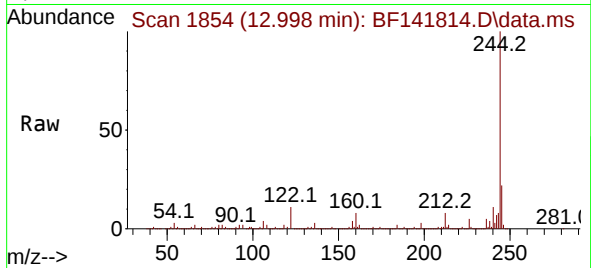




#79
 Terphenyl-d14
 Concen: 84.860 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141814.D
 Acq: 03 Mar 2025 15:44

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 4902500
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF141814.D
 Acq: 03 Mar 2025 15:44

Tgt Ion:264 Resp: 682017
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.6 17.4 26.0

