

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
 Data File : BF141802.D
 Acq On : 27 Feb 2025 20:44
 Operator : RC/JU
 Sample : PB166879TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166879TB

Quant Time: Feb 28 03:11:58 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	289888	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1176525	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	673570	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1174002	20.000	ng	0.00
76) Chrysene-d12	14.045	240	833237	20.000	ng	0.00
86) Perylene-d12	15.516	264	627706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2343756	129.117	ng	0.02
7) Phenol-d6	6.504	99	2952072	124.947	ng	0.00
23) Nitrobenzene-d5	7.445	82	1929371	104.822	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	931358	147.283	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3642564	86.712	ng	0.00
79) Terphenyl-d14	12.998	244	4443550	86.282	ng	0.00

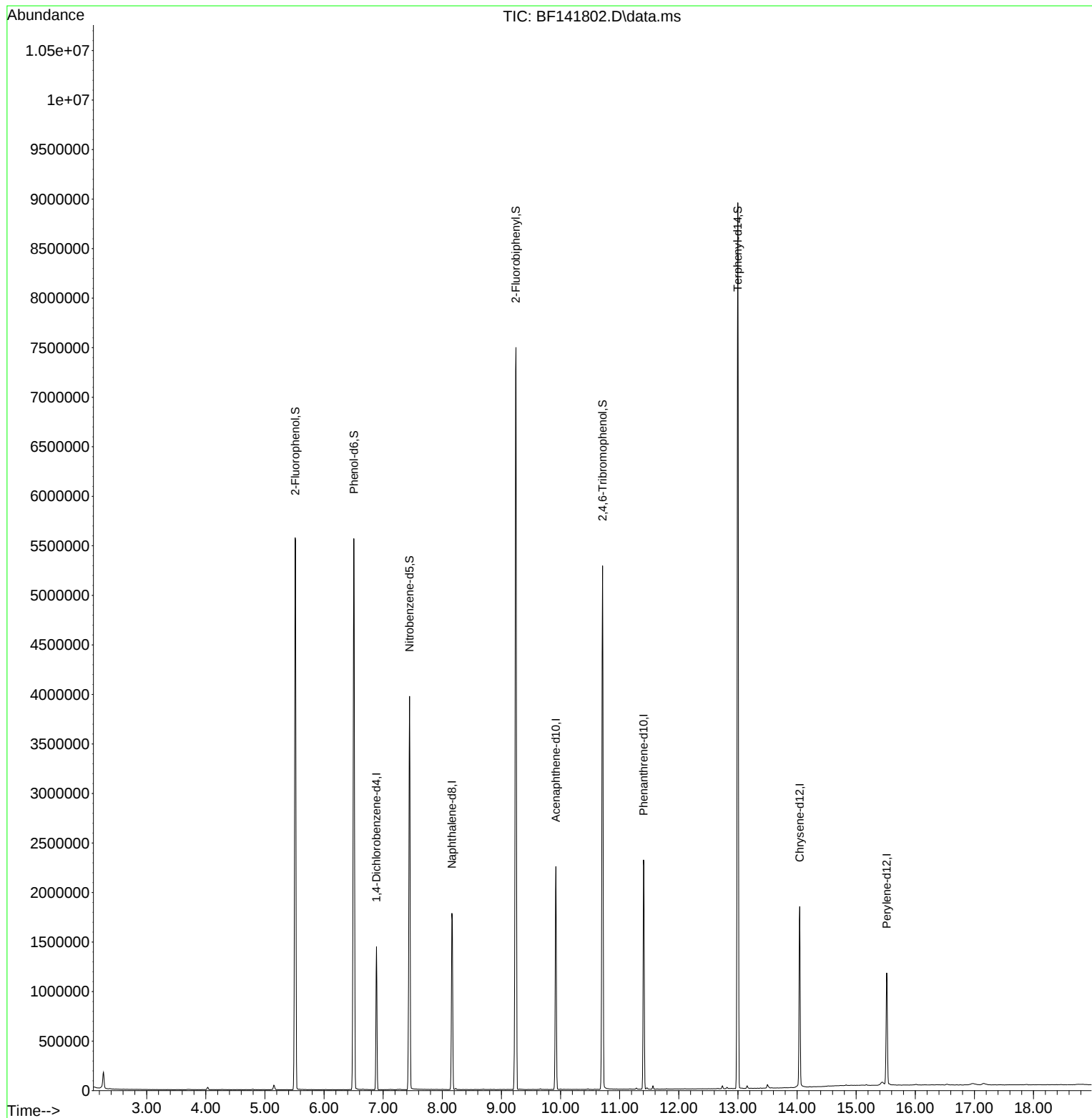
Target Compounds	Qvalue

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

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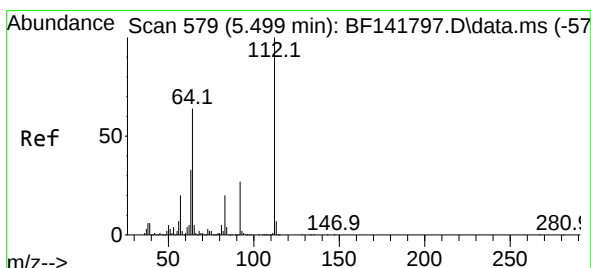
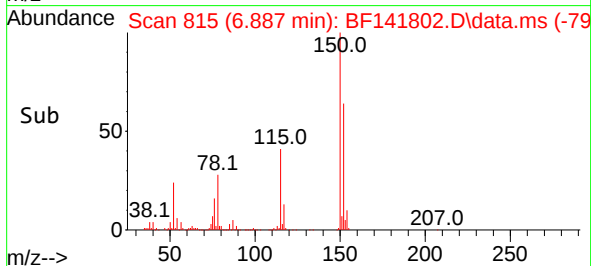
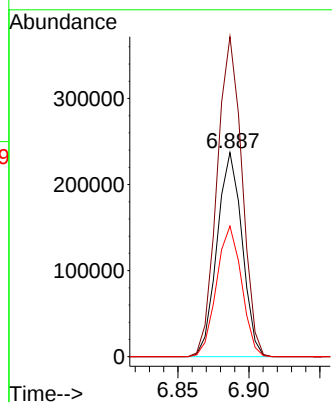
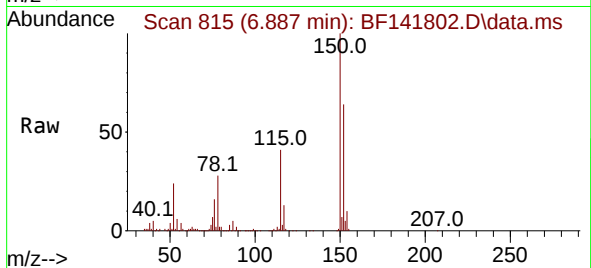




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

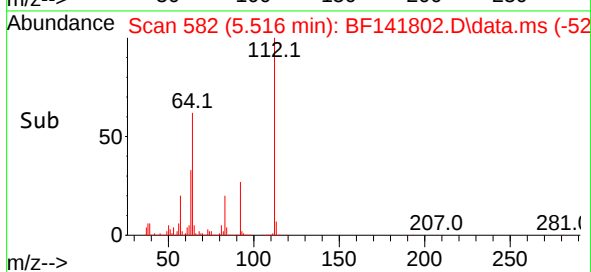
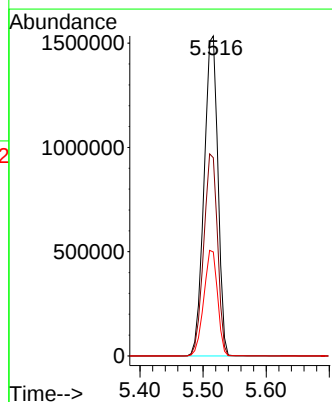
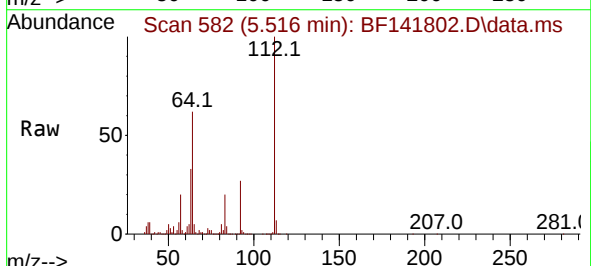
Instrument :
BNA_F
ClientSampleId :
PB166879TB

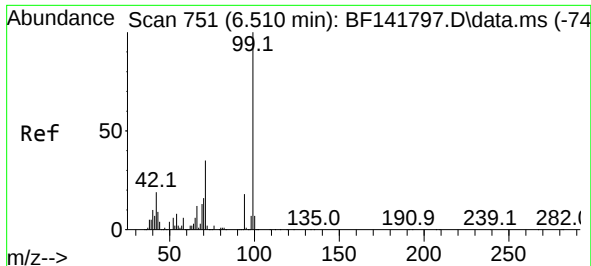
Tgt Ion:152 Resp: 289888
Ion Ratio Lower Upper
152 100
150 156.7 127.5 191.3
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 129.117 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

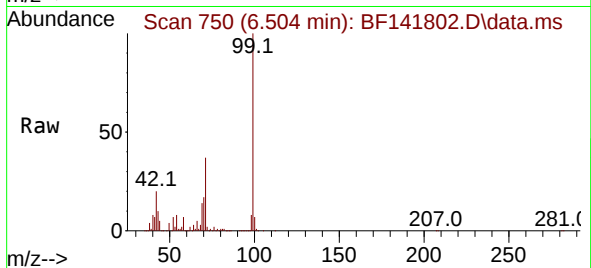
Tgt Ion:112 Resp: 2343756
Ion Ratio Lower Upper
112 100
64 62.0 51.3 76.9
63 32.5 26.2 39.4





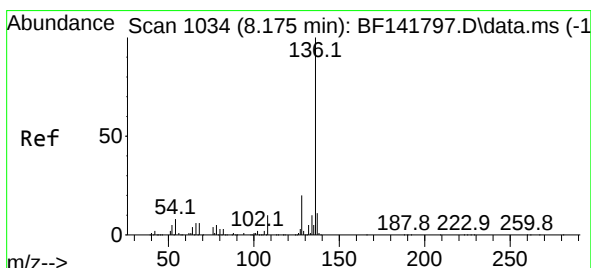
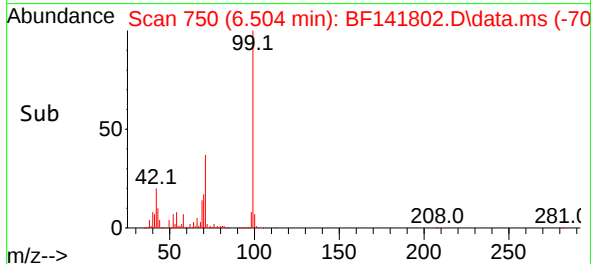
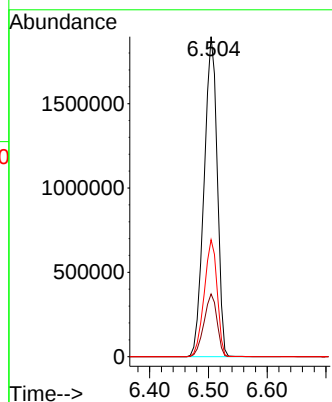
#7
Phenol-d6
Concen: 124.947 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Instrument :
BNA_F
ClientSampleId :
PB166879TB



Tgt Ion: 99 Resp: 2952072

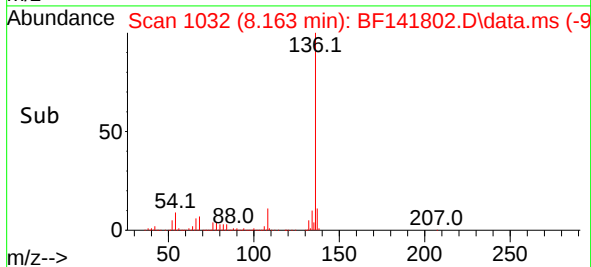
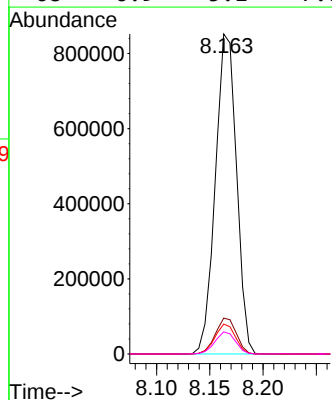
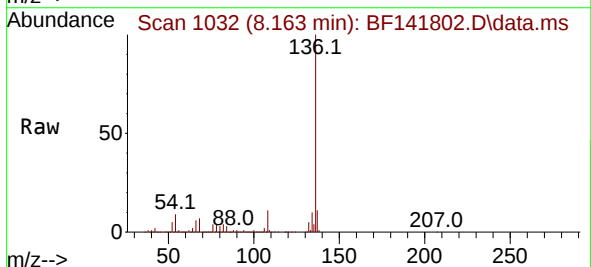
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.2	22.8
71	36.6	28.2	42.2

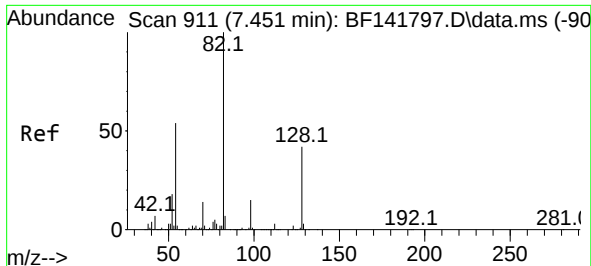


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:136 Resp: 1176525

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.9	10.3
68	6.9	5.1	7.7





#23

Nitrobenzene-d5

Concen: 104.822 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

Instrument :

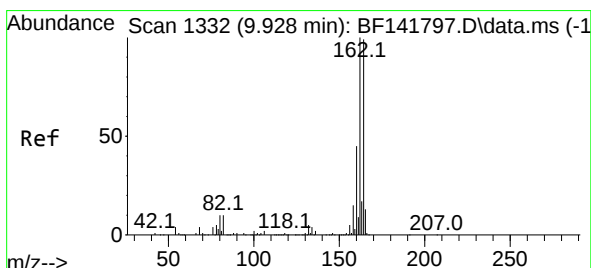
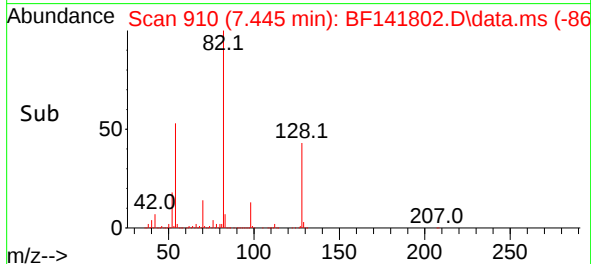
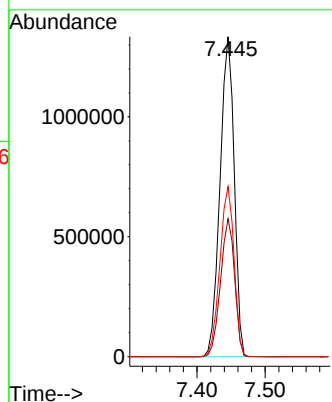
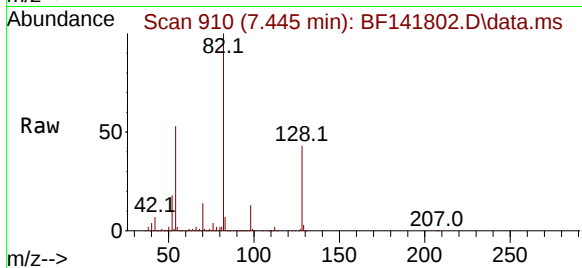
BNA_F

ClientSampleId :

PB166879TB

Tgt Ion: 82 Resp: 1929371

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.5	50.3
54	53.1	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

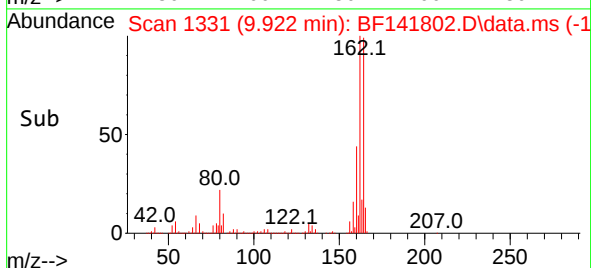
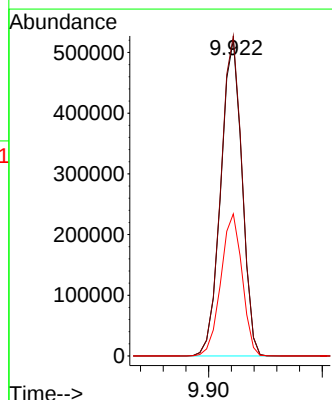
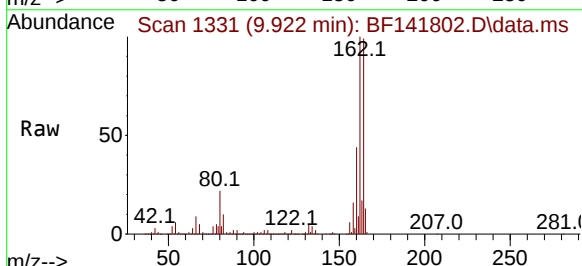
Delta R.T. -0.006 min

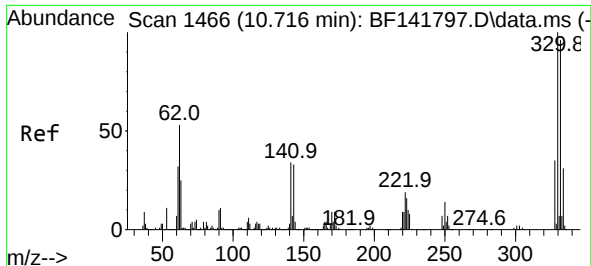
Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

Tgt Ion:164 Resp: 673570

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.9	36.3	54.5

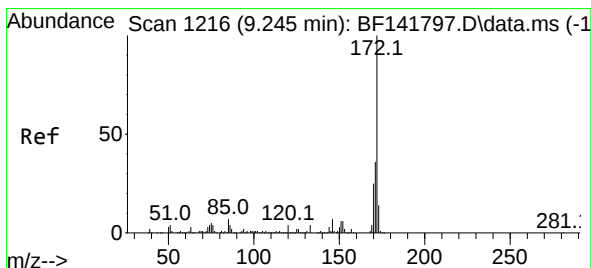
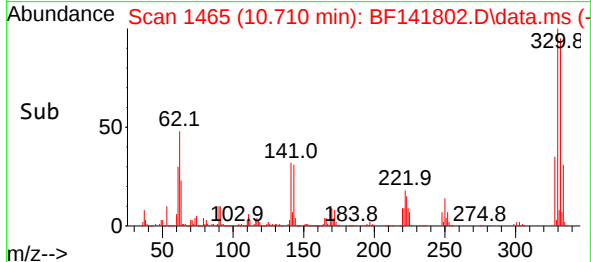
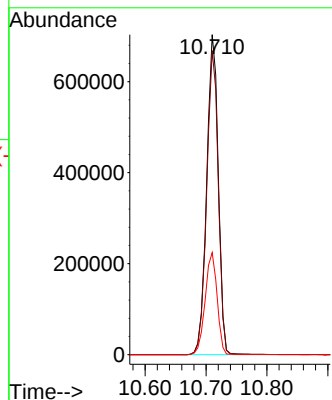
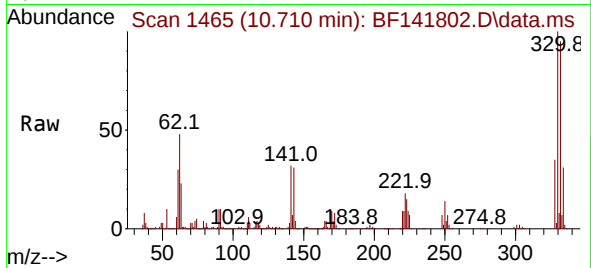




#42
2,4,6-Tribromophenol
Concen: 147.283 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

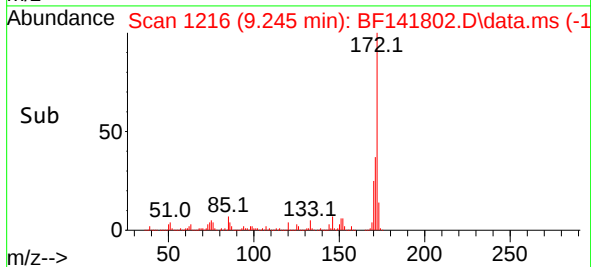
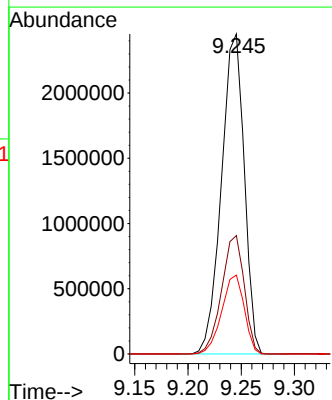
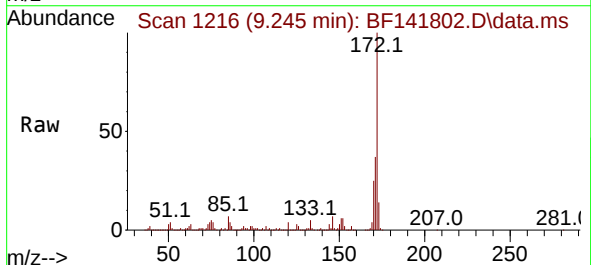
Instrument :
BNA_F
ClientSampleId :
PB166879TB

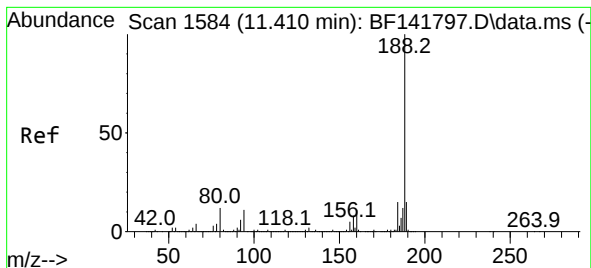
Tgt Ion:330 Resp: 931358
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 32.8 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 86.712 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF141802.D
Acq: 27 Feb 2025 20:44

Tgt Ion:172 Resp: 3642564
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 24.7 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

Instrument :

BNA_F

ClientSampleId :

PB166879TB

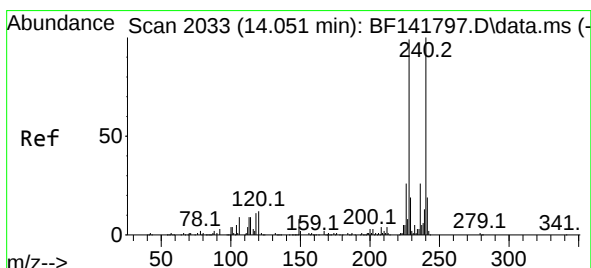
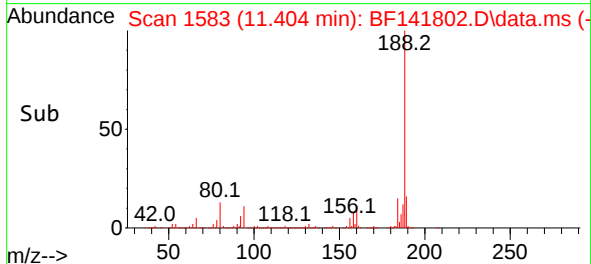
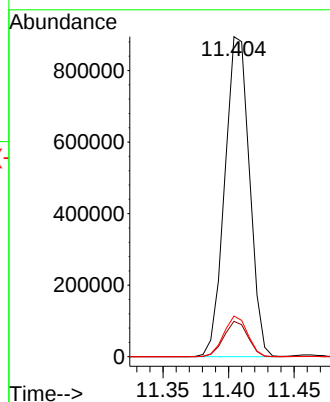
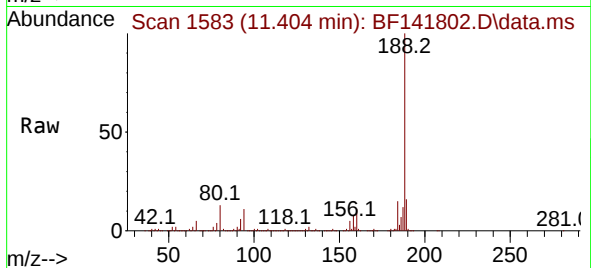
Tgt Ion:188 Resp: 1174002

Ion Ratio Lower Upper

188 100

94 11.0 8.9 13.3

80 12.7 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF141802.D

Acq: 27 Feb 2025 20:44

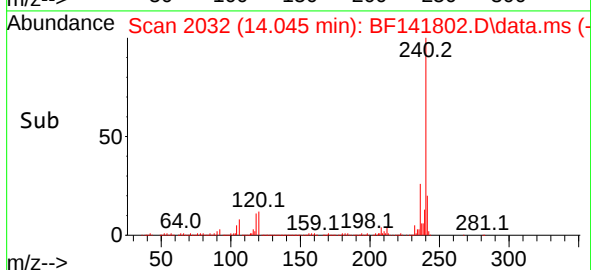
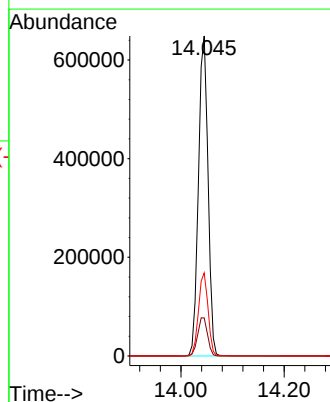
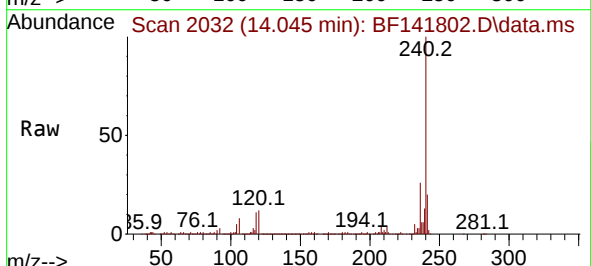
Tgt Ion:240 Resp: 833237

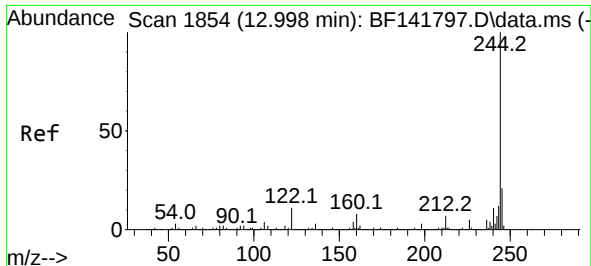
Ion Ratio Lower Upper

240 100

120 11.9 9.7 14.5

236 26.0 21.0 31.4

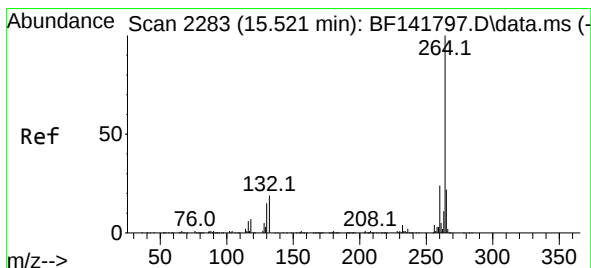
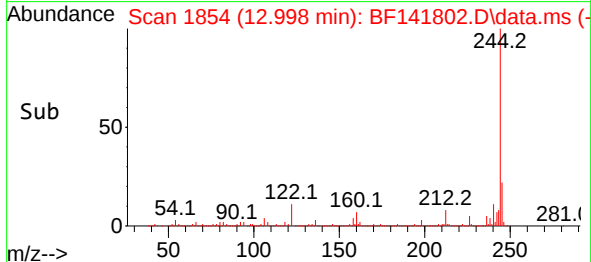
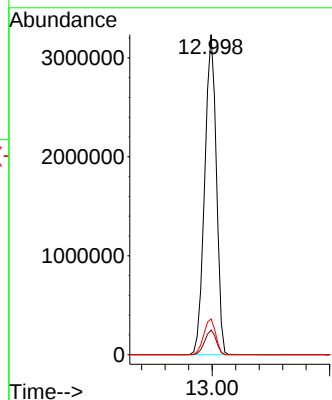
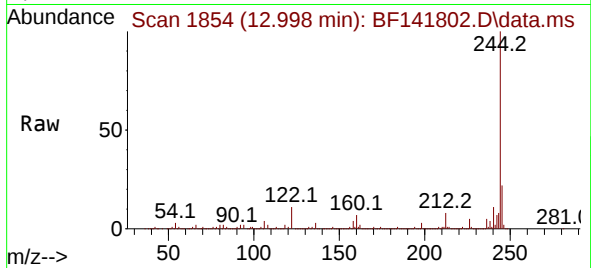




#79
 Terphenyl-d14
 Concen: 86.282 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF141802.D
 Acq: 27 Feb 2025 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PB166879TB

Tgt Ion:244 Resp: 4443550
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF141802.D
 Acq: 27 Feb 2025 20:44

Tgt Ion:264 Resp: 627706
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.5 17.4 26.0

