

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141885.D
 Acq On : 07 Mar 2025 10:24
 Operator : RC/JU
 Sample : PB166968TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166968TB

Quant Time: Mar 07 11:17:14 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	6.881	152	182324	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	717993	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	414320	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	782696	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	660246	20.000	ng	-0.01
86) Perylene-d12	15.509	264	509683	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1425570	124.867	ng	0.01
7) Phenol-d6	6.504	99	1763763	118.693	ng	0.00
23) Nitrobenzene-d5	7.445	82	1168595	104.035	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	721480	185.484	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2314579	89.576	ng	0.00
79) Terphenyl-d14	12.992	244	3380701	82.843	ng	0.00

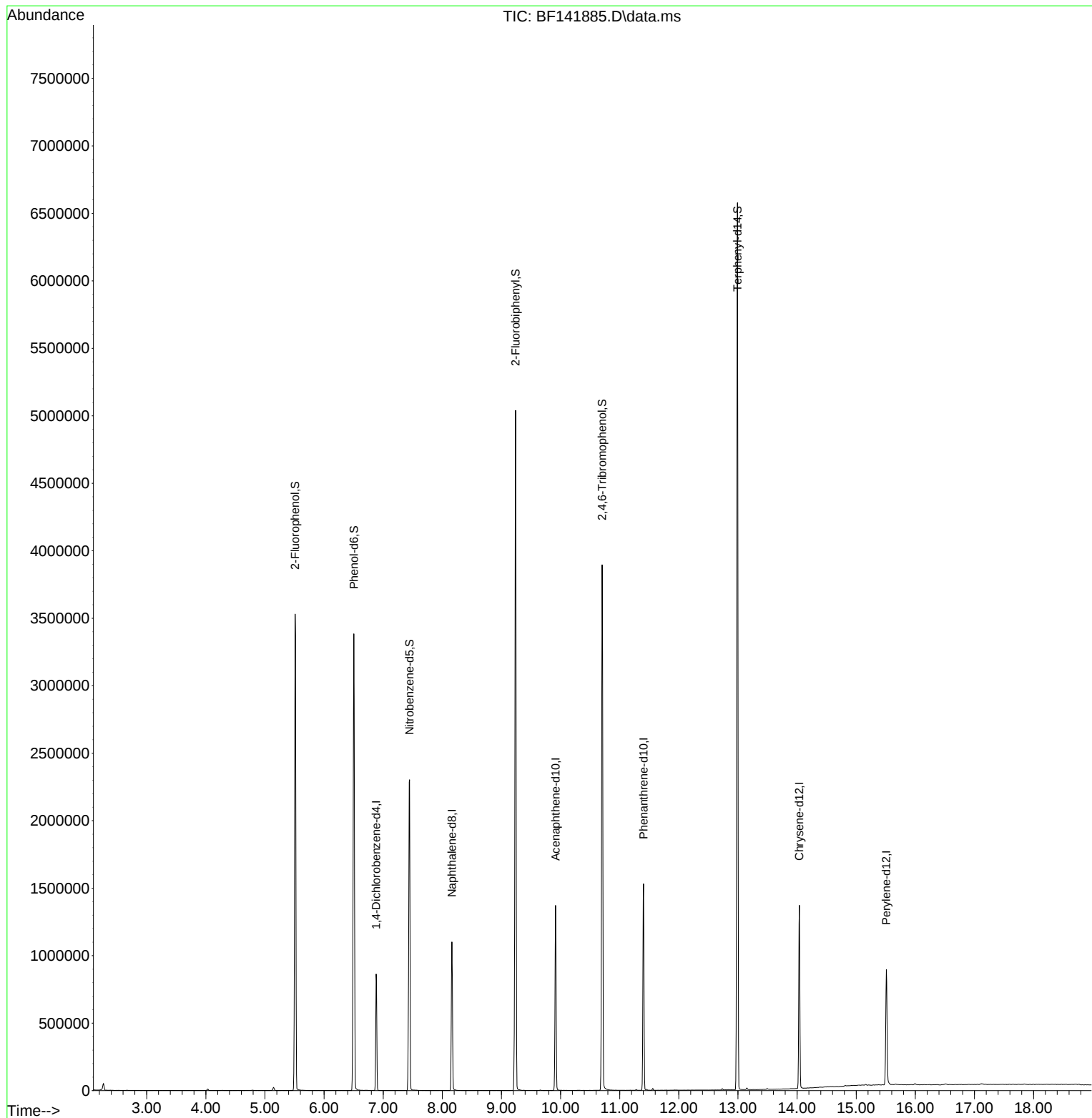
Target Compounds	Qvalue

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

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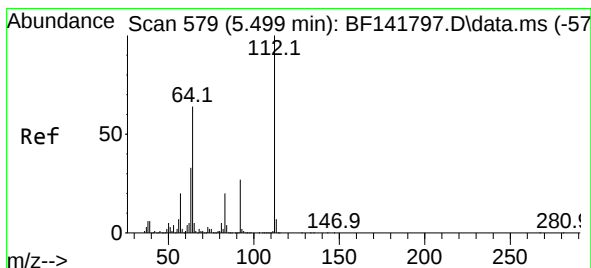
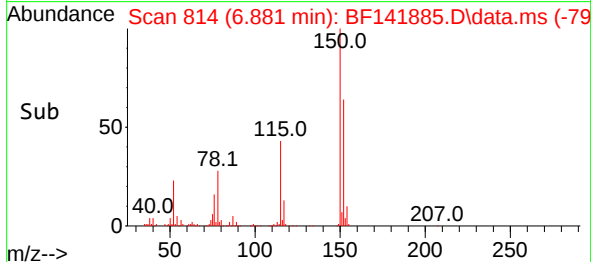
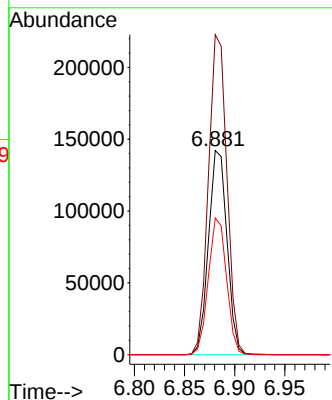
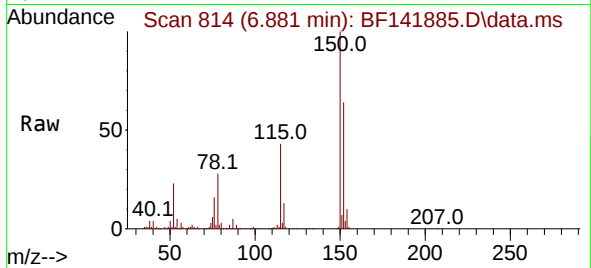




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 816
 Delta R.T. -0.012 min
 Lab File: BF141885.D
 Acq: 07 Mar 2025 10:24

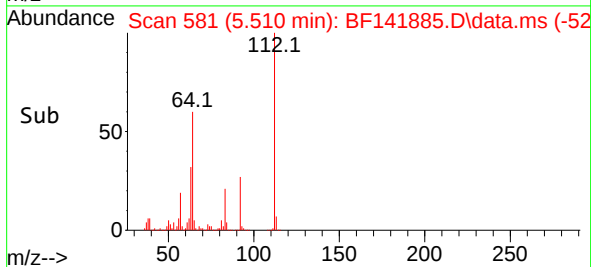
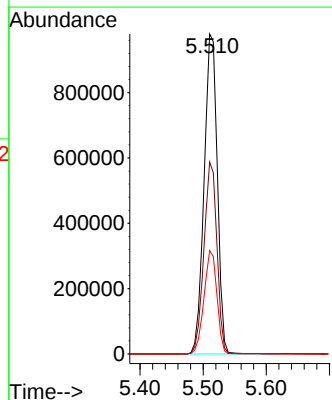
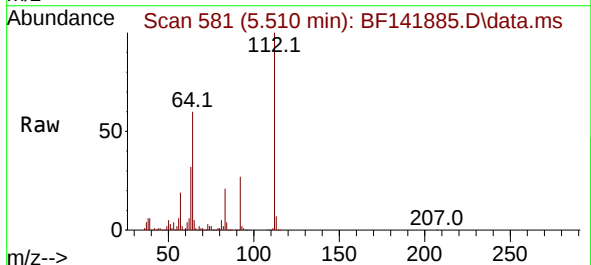
Instrument :
 BNA_F
 ClientSampleId :
 PB166968TB

Tgt Ion:152 Resp: 182324
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.5 191.3
 115 67.0 51.4 77.2



#5
 2-Fluorophenol
 Concen: 124.867 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141885.D
 Acq: 07 Mar 2025 10:24

Tgt Ion:112 Resp: 1425570
 Ion Ratio Lower Upper
 112 100
 64 60.0 51.3 76.9
 63 32.3 26.2 39.4

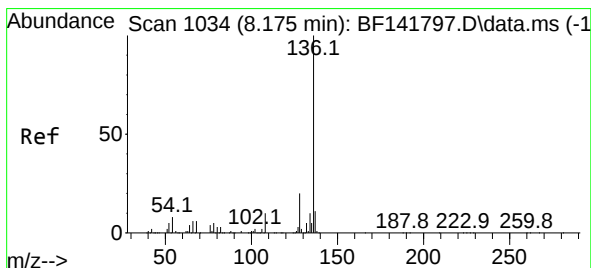
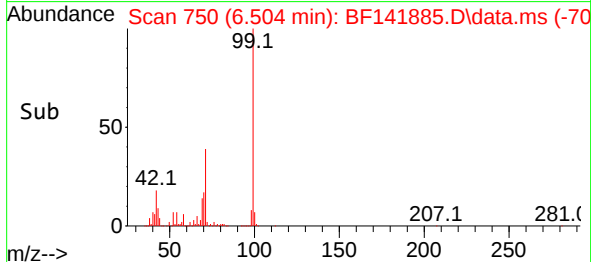
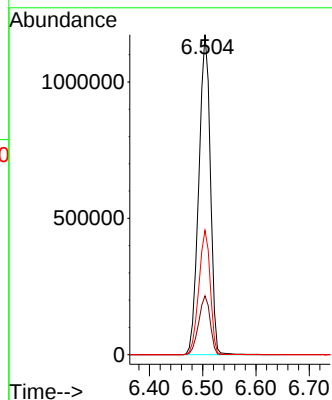
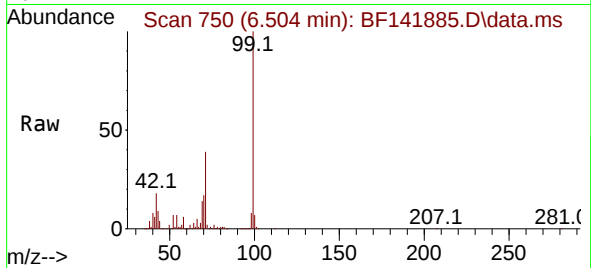




#7
Phenol-d6
Concen: 118.693 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141885.D
Acq: 07 Mar 2025 10:24

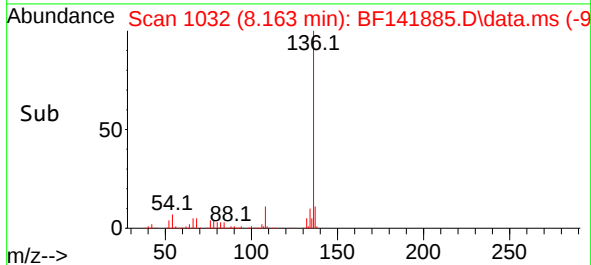
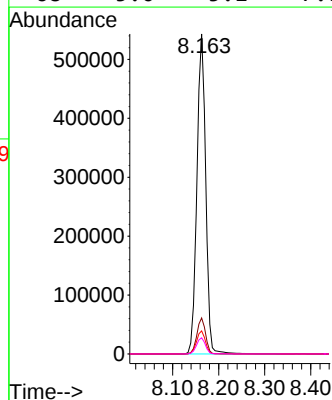
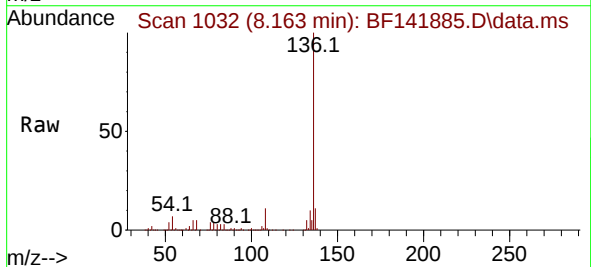
Instrument :
BNA_F
ClientSampleId :
PB166968TB

Tgt Ion: 99 Resp: 1763763
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 38.8 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: BF141885.D
Acq: 07 Mar 2025 10:24

Tgt Ion: 136 Resp: 717993
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.2 6.9 10.3
68 5.0 5.1 7.7#

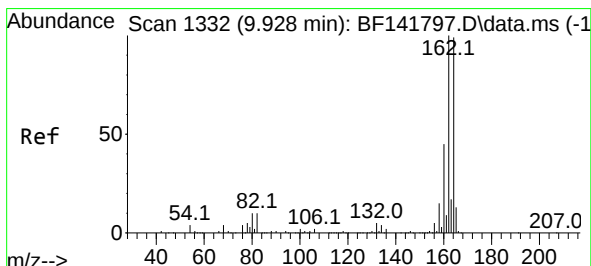
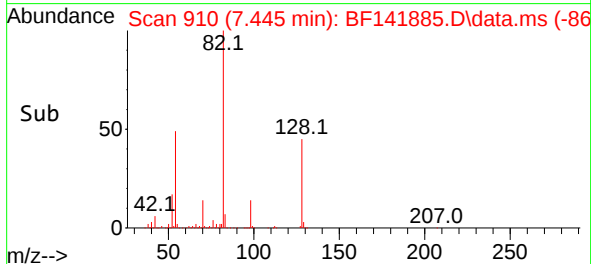
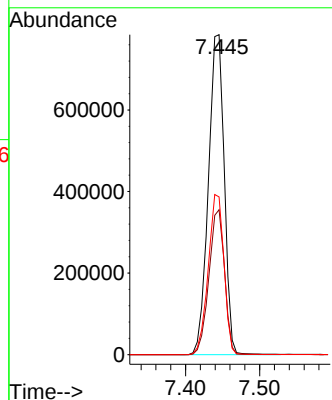
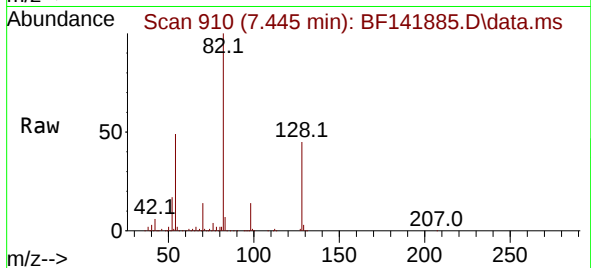




#23
Nitrobenzene-d5
Concen: 104.035 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141885.D
Acq: 07 Mar 2025 10:24

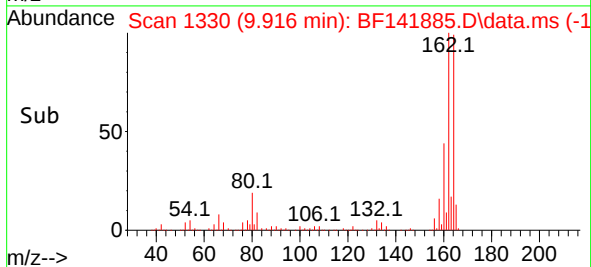
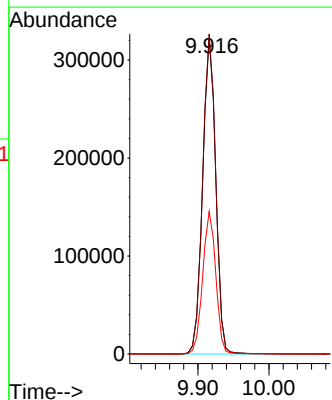
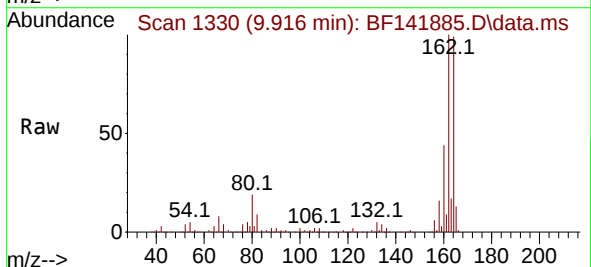
Instrument :
BNA_F
ClientSampleId :
PB166968TB

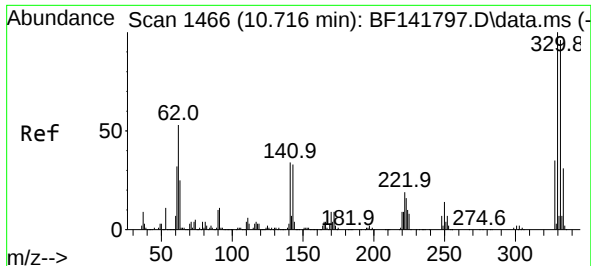
Tgt Ion: 82 Resp: 1168595
Ion Ratio Lower Upper
82 100
128 45.3 33.5 50.3
54 49.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF141885.D
Acq: 07 Mar 2025 10:24

Tgt Ion:164 Resp: 414320
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 185.484 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141885.D

Acq: 07 Mar 2025 10:24

Instrument :

BNA_F

ClientSampleId :

PB166968TB

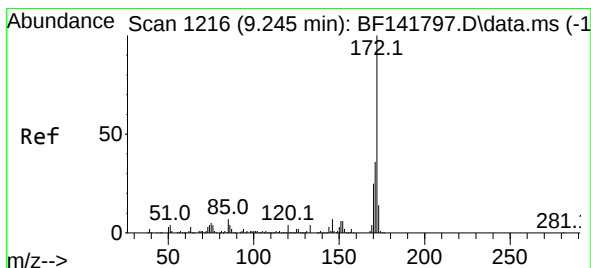
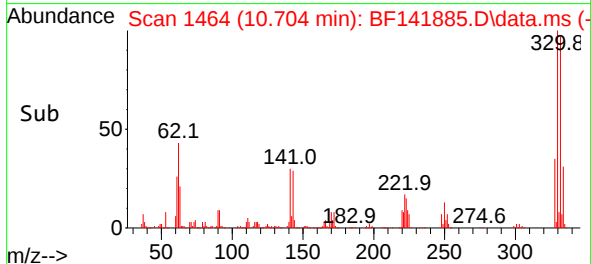
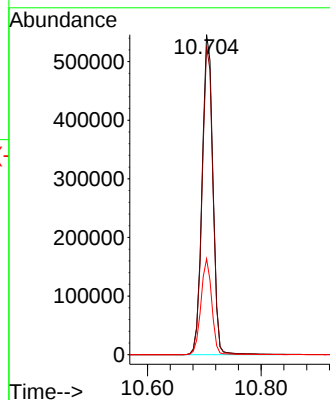
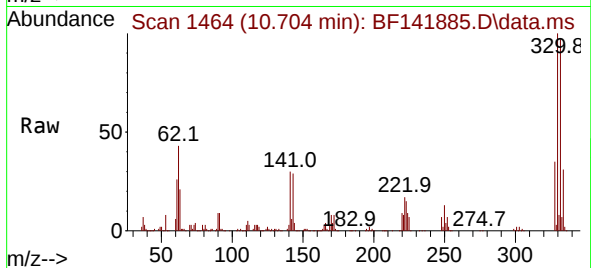
Tgt Ion:330 Resp: 721480

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

141 30.1 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 89.576 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141885.D

Acq: 07 Mar 2025 10:24

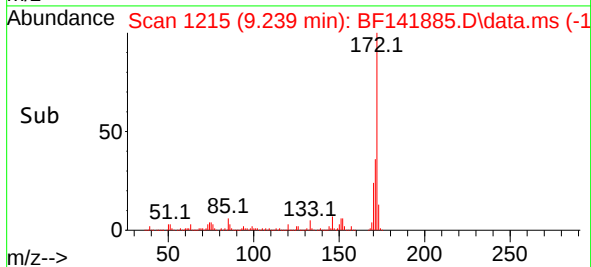
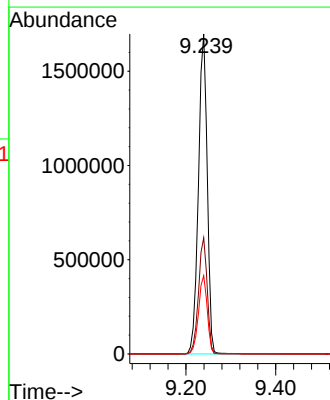
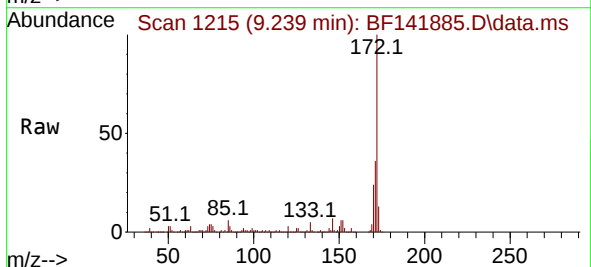
Tgt Ion:172 Resp: 2314579

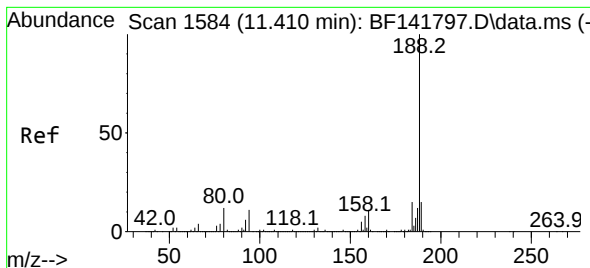
Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 24.4 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: BF141885.D

Acq: 07 Mar 2025 10:24

Instrument :

BNA_F

ClientSampleId :

PB166968TB

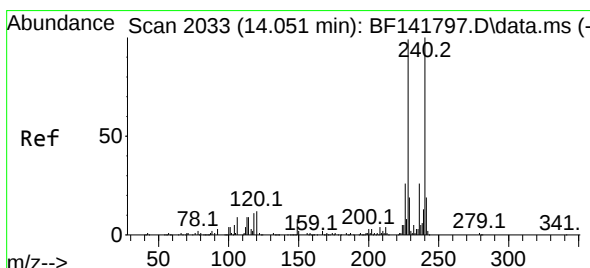
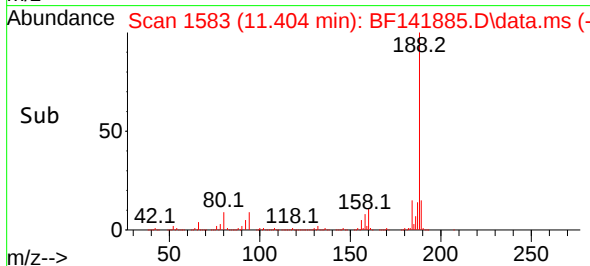
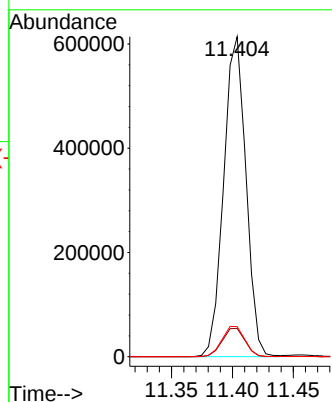
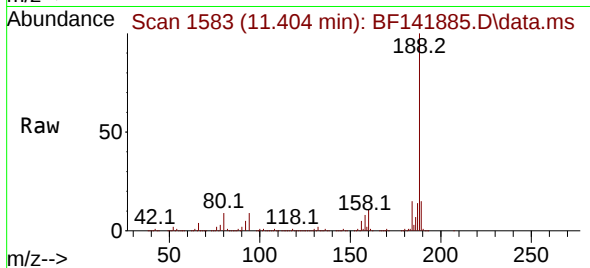
Tgt Ion:188 Resp: 782696

Ion Ratio Lower Upper

188 100

94 8.8 8.9 13.3#

80 9.4 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: BF141885.D

Acq: 07 Mar 2025 10:24

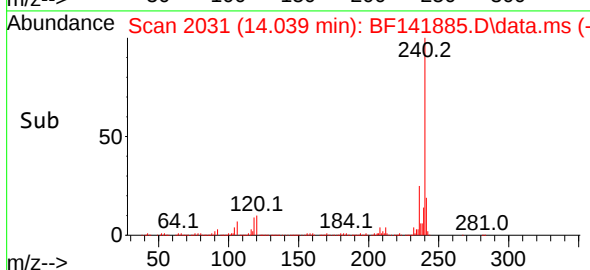
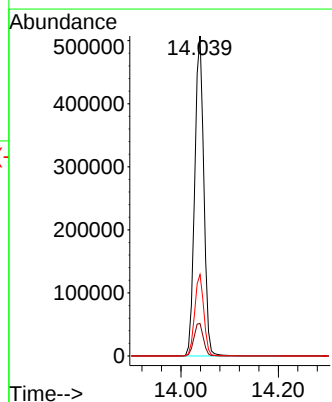
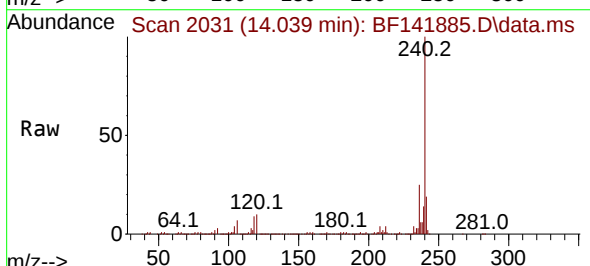
Tgt Ion:240 Resp: 660246

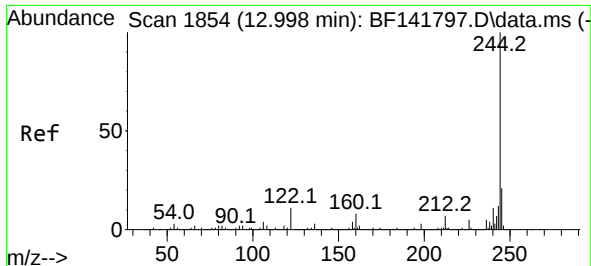
Ion Ratio Lower Upper

240 100

120 10.1 9.7 14.5

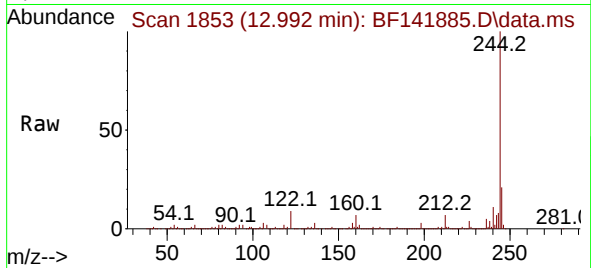
236 25.4 21.0 31.4



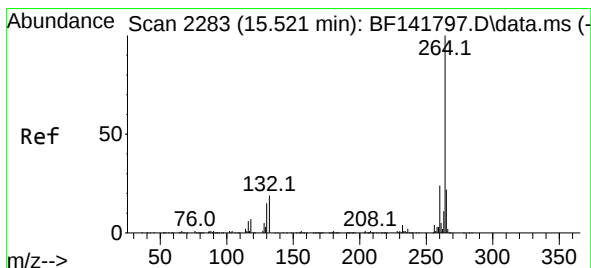
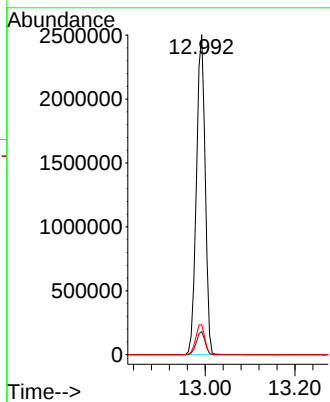
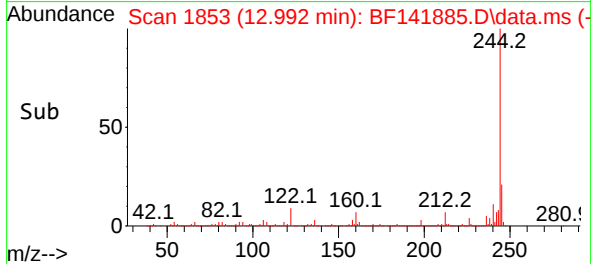


#79
 Terphenyl-d14
 Concen: 82.843 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141885.D
 Acq: 07 Mar 2025 10:24

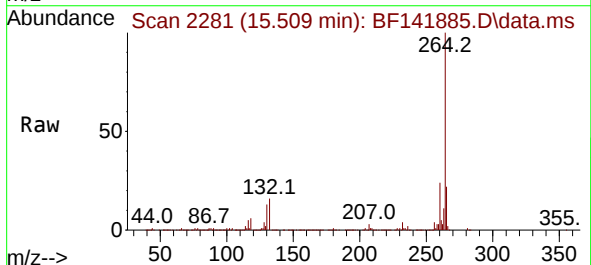
Instrument :
 BNA_F
 ClientSampleId :
 PB166968TB



Tgt Ion:244 Resp: 3380701
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.4 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: BF141885.D
 Acq: 07 Mar 2025 10:24



Tgt Ion:264 Resp: 509683
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.2 17.4 26.0

