

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141883.D
 Acq On : 07 Mar 2025 09:26
 Operator : RC/JU
 Sample : PB167016BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167016BL

Quant Time: Mar 07 10:00:35 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	178277	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	706438	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	393220	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	712186	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	610478	20.000	ng	-0.01
86) Perylene-d12	15.510	264	476523	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1443849	129.339	ng	0.01
7) Phenol-d6	6.504	99	1765527	121.509	ng	0.00
23) Nitrobenzene-d5	7.445	82	1186795	107.384	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	671746	181.965	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2307655	94.100	ng	0.00
79) Terphenyl-d14	12.992	244	3176733	84.191	ng	0.00

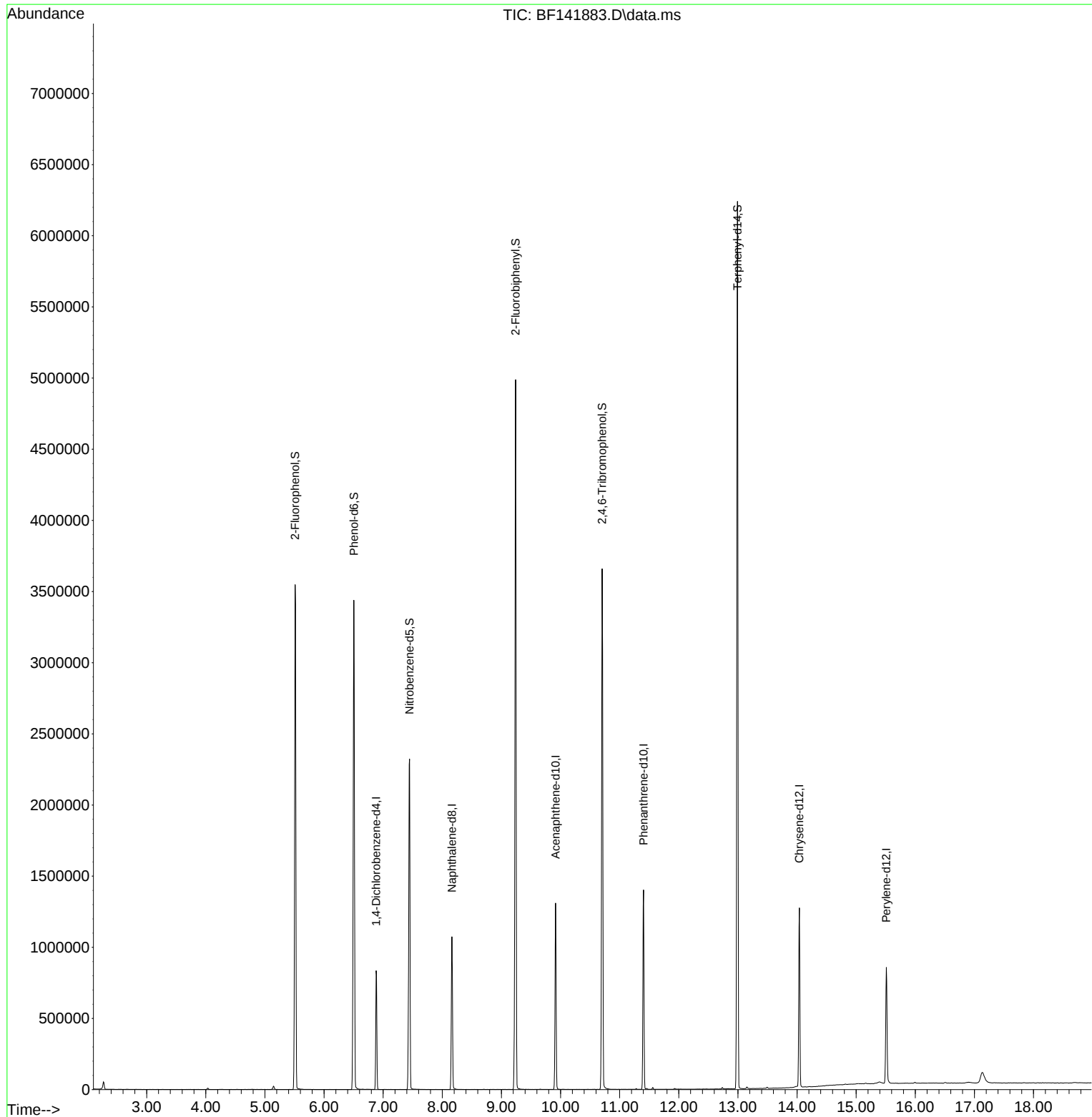
Target Compounds	Qvalue

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

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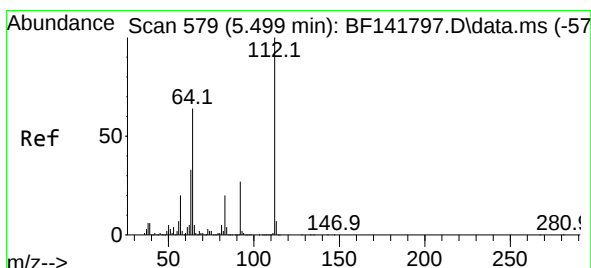
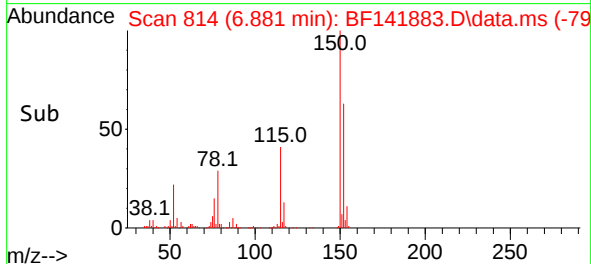
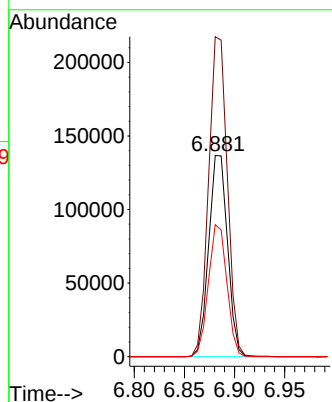
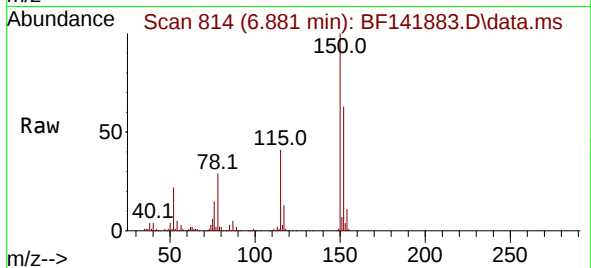




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 816
 Delta R.T. -0.012 min
 Lab File: BF141883.D
 Acq: 07 Mar 2025 09:26

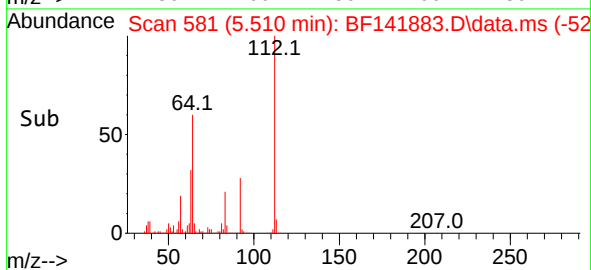
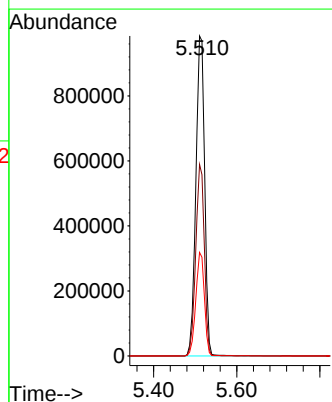
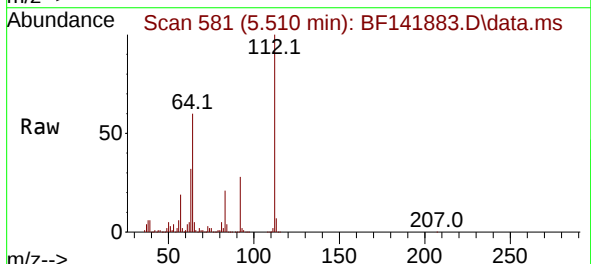
Instrument :
 BNA_F
 ClientSampleId :
 PB167016BL

Tgt Ion:152 Resp: 178277
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.5 191.3
 115 65.6 51.4 77.2



#5
 2-Fluorophenol
 Concen: 129.339 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141883.D
 Acq: 07 Mar 2025 09:26

Tgt Ion:112 Resp: 1443849
 Ion Ratio Lower Upper
 112 100
 64 59.9 51.3 76.9
 63 32.4 26.2 39.4



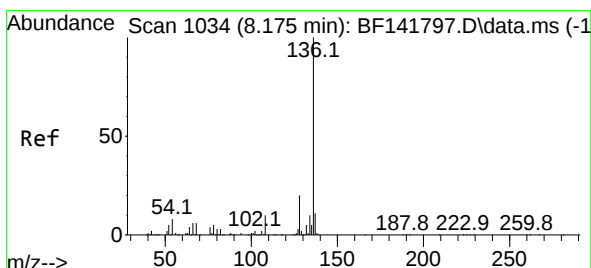
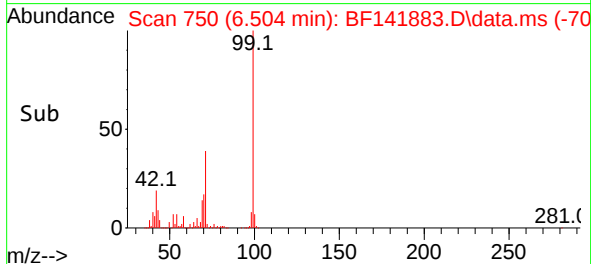
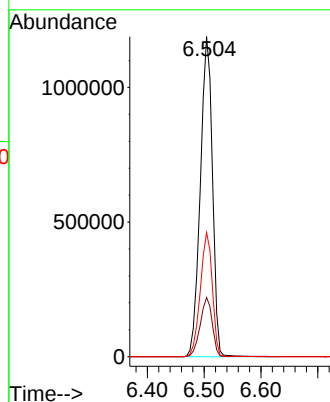
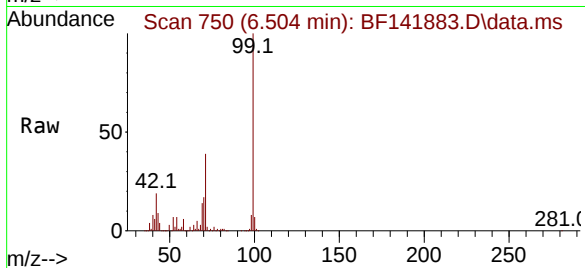


#7
Phenol-d6
Concen: 121.509 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141883.D
Acq: 07 Mar 2025 09:26

Instrument :
BNA_F
ClientSampleId :
PB167016BL

Tgt Ion: 99 Resp: 1765527

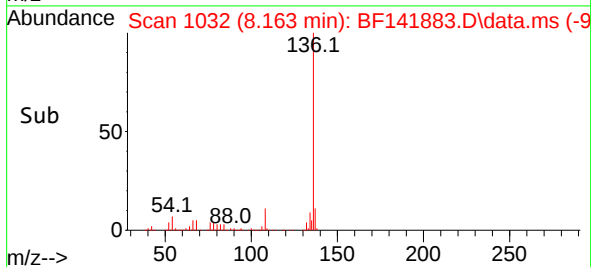
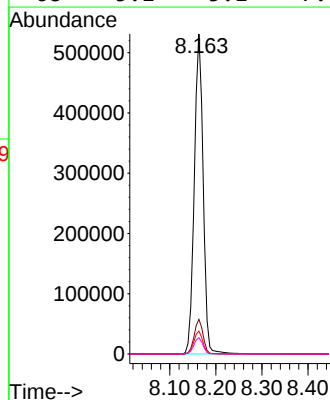
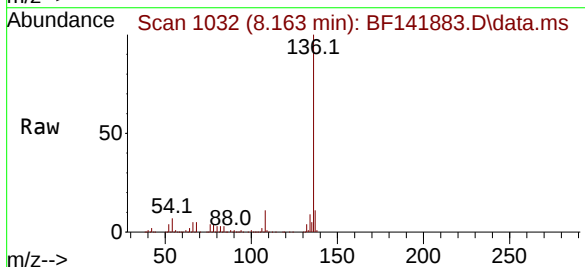
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.2	22.8
71	38.8	28.2	42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141883.D
Acq: 07 Mar 2025 09:26

Tgt Ion: 136 Resp: 706438

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.9	10.3
68	5.1	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 107.384 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141883.D

Acq: 07 Mar 2025 09:26

Instrument :

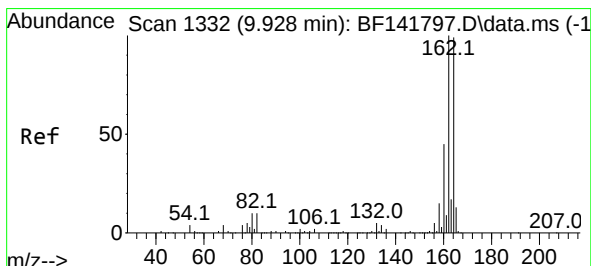
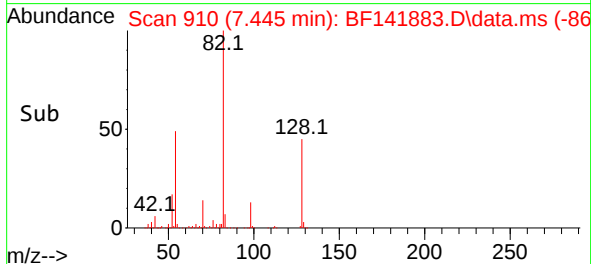
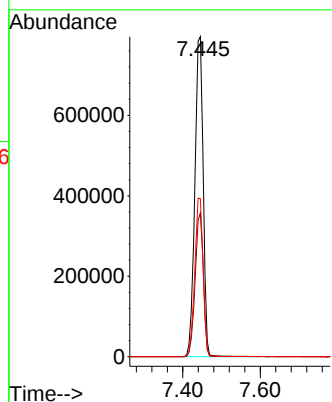
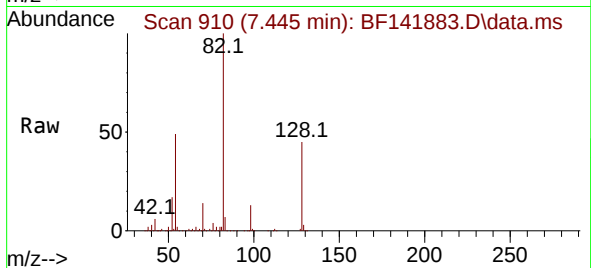
BNA_F

ClientSampleId :

PB167016BL

Tgt Ion: 82 Resp: 1186795

Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.5	50.3
54	49.4	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

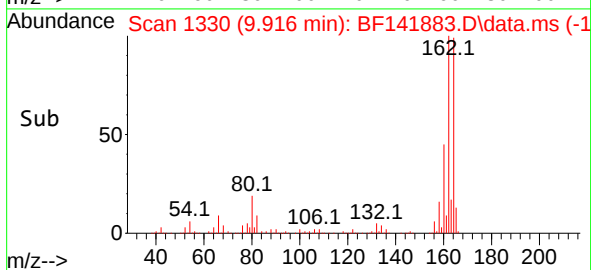
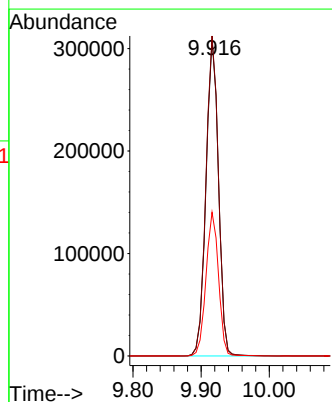
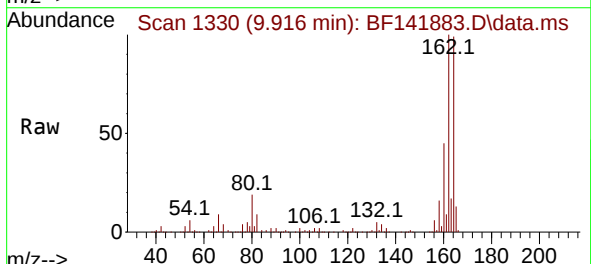
Delta R.T. -0.012 min

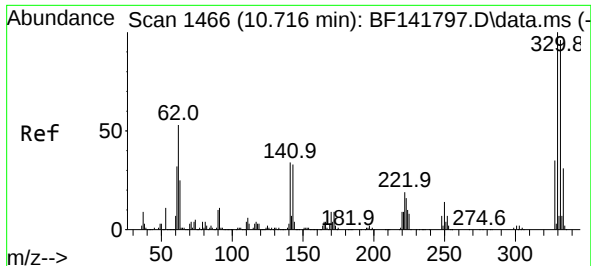
Lab File: BF141883.D

Acq: 07 Mar 2025 09:26

Tgt Ion: 164 Resp: 393220

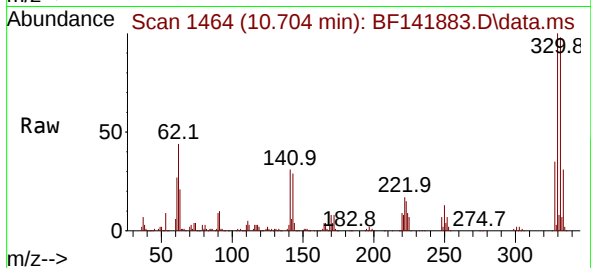
Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	45.4	36.3	54.5



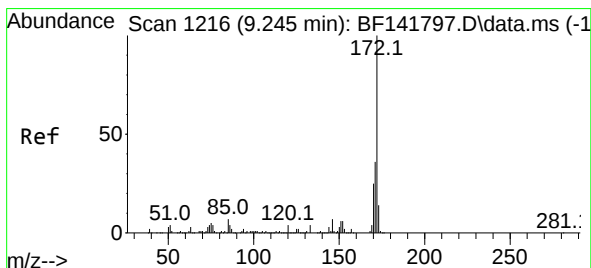
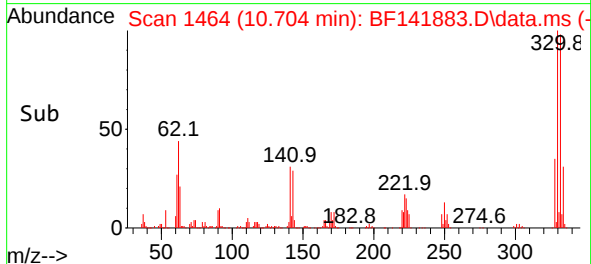
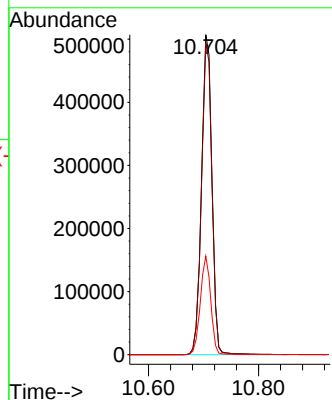


#42
2,4,6-Tribromophenol
Concen: 181.965 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141883.D
Acq: 07 Mar 2025 09:26

Instrument :
BNA_F
ClientSampleId :
PB167016BL

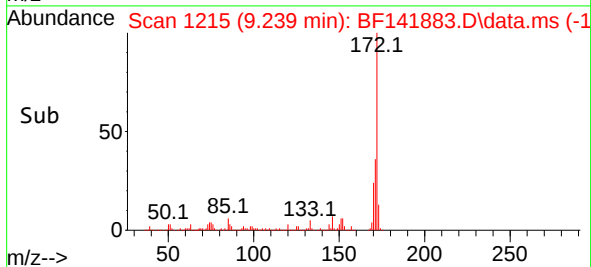
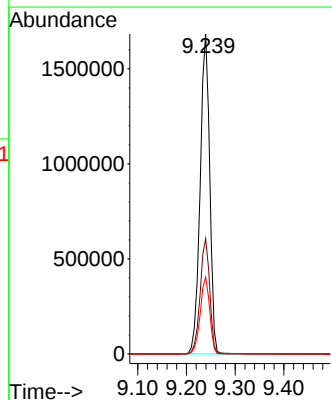
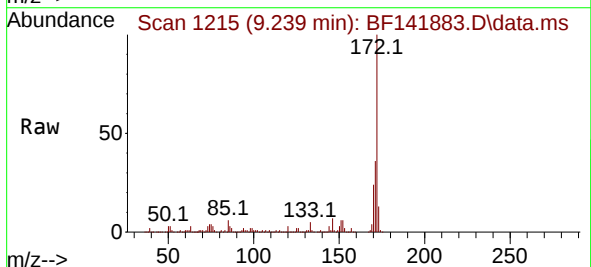


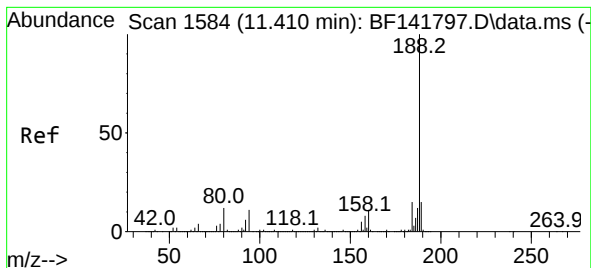
Tgt Ion:330 Resp: 671746
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 30.8 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 94.100 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141883.D
Acq: 07 Mar 2025 09:26

Tgt Ion:172 Resp: 2307655
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.0 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: BF141883.D

Acq: 07 Mar 2025 09:26

Instrument :

BNA_F

ClientSampleId :

PB167016BL

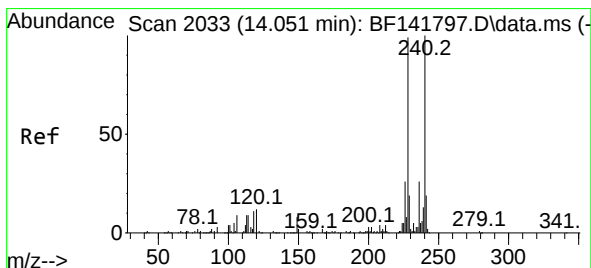
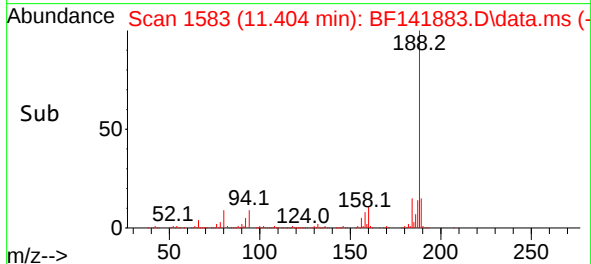
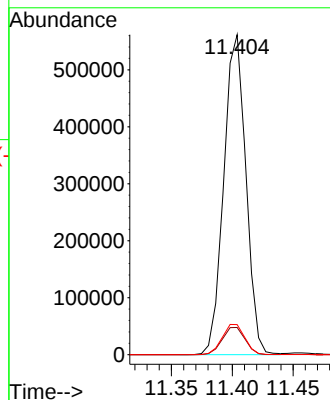
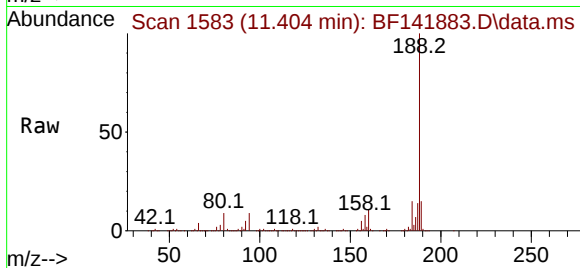
Tgt Ion:188 Resp: 712186

Ion Ratio Lower Upper

188 100

94 8.5 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: BF141883.D

Acq: 07 Mar 2025 09:26

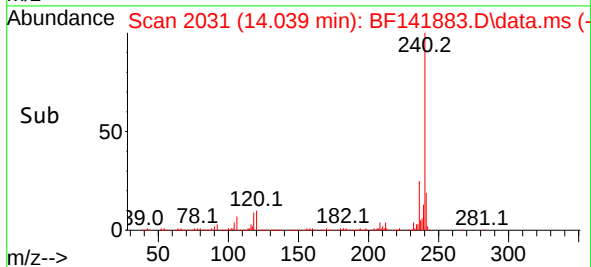
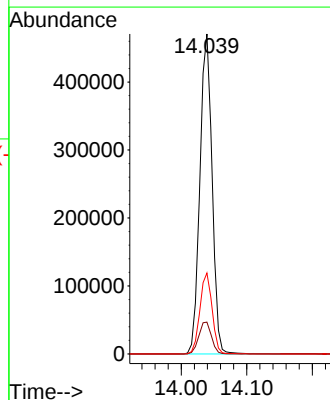
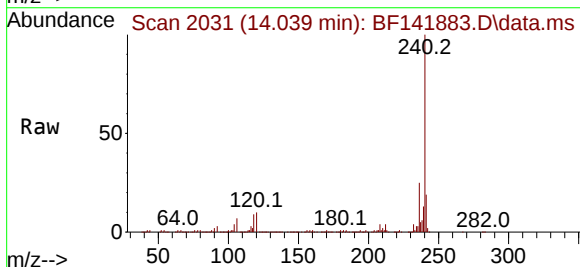
Tgt Ion:240 Resp: 610478

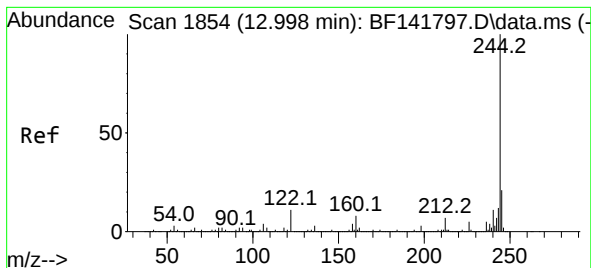
Ion Ratio Lower Upper

240 100

120 10.0 9.7 14.5

236 25.3 21.0 31.4





#79

Terphenyl-d14

Concen: 84.191 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141883.D

Acq: 07 Mar 2025 09:26

Instrument :

BNA_F

ClientSampleId :

PB167016BL

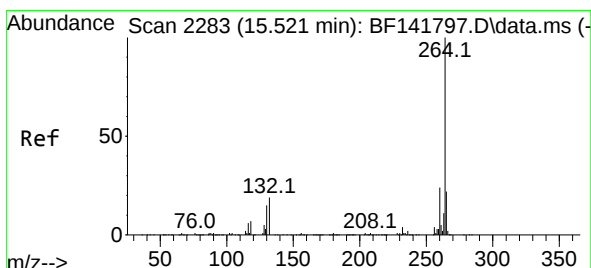
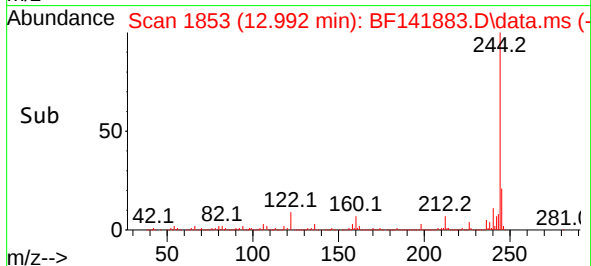
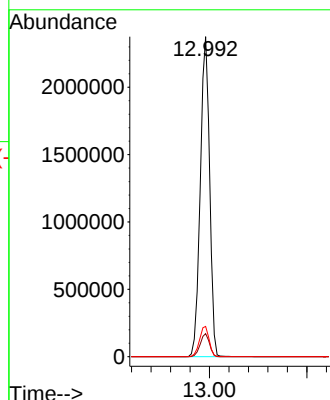
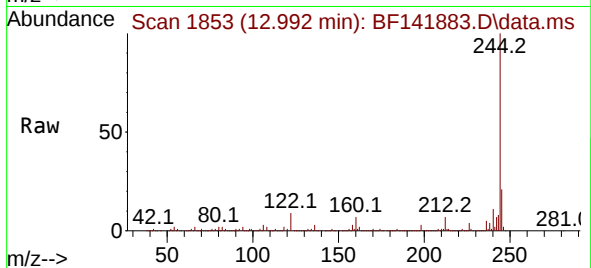
Tgt Ion:244 Resp: 3176733

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: 15.510 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141883.D

Acq: 07 Mar 2025 09:26

Tgt Ion:264 Resp: 476523

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.6 17.4 26.0

