

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141873.D
 Acq On : 06 Mar 2025 17:29
 Operator : RC/JU
 Sample : Q1484-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-OTR-COMP-01

Quant Time: Mar 06 17:59:14 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	6.886	152	155990	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	617843	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	335550	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	580570	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	437348	20.000	ng	-0.01
86) Perylene-d12	15.509	264	445885	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1228658	125.787	ng	0.01
7) Phenol-d6	6.504	99	1404148	110.445	ng	0.00
23) Nitrobenzene-d5	7.445	82	1083032	112.047	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	573470	182.042	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2012745	96.180	ng	0.00
79) Terphenyl-d14	12.986	244	2522220	93.307	ng	-0.01

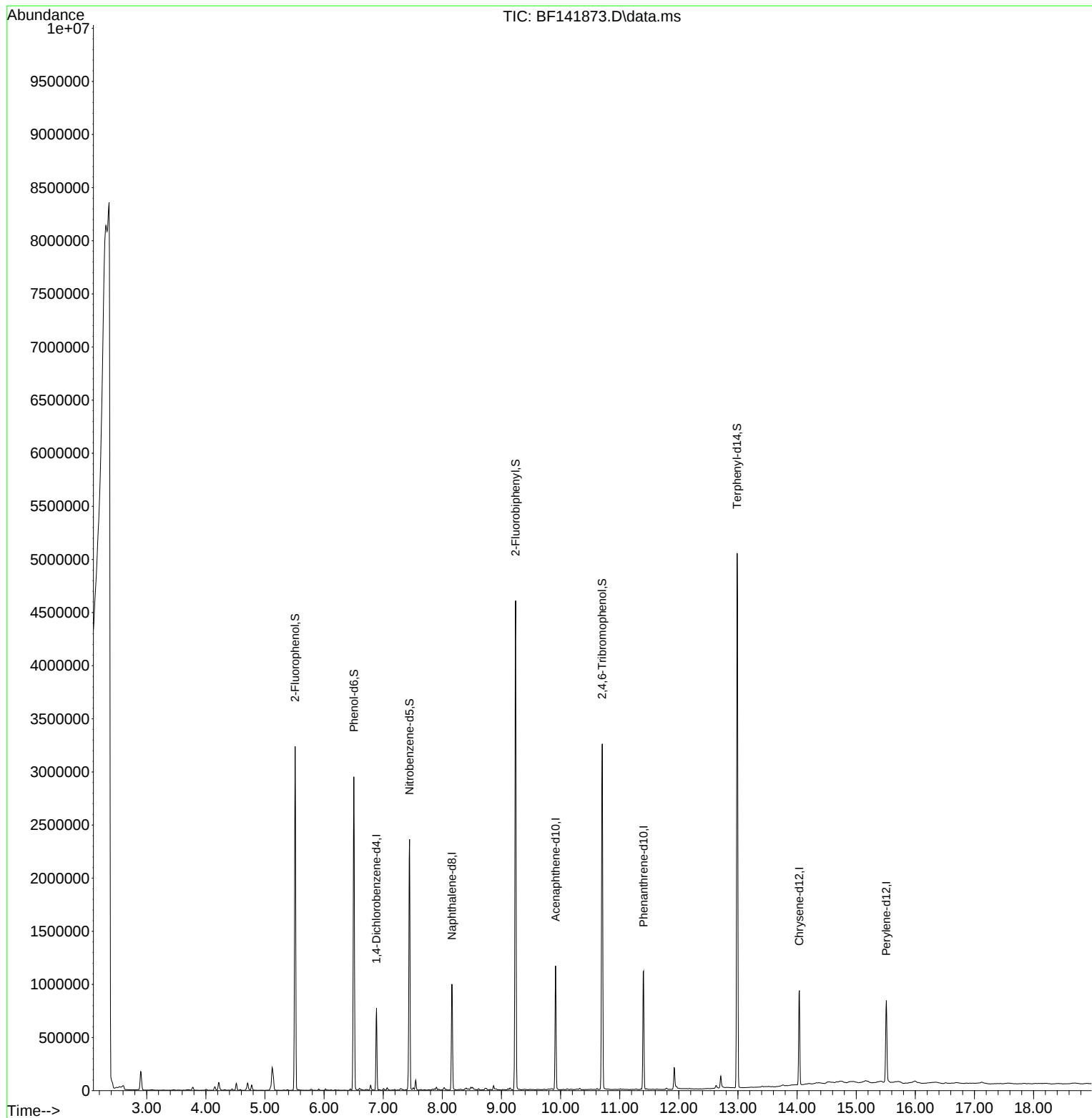
Target Compounds	Qvalue

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

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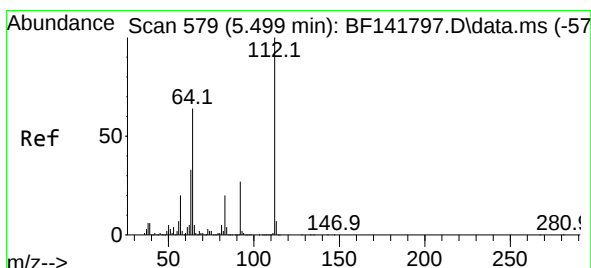
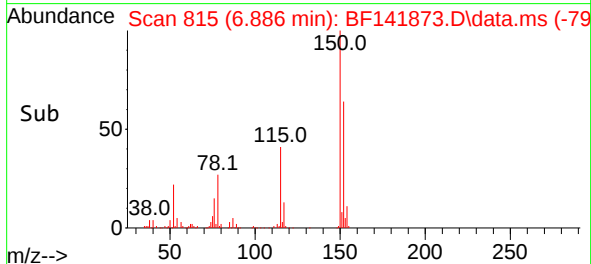
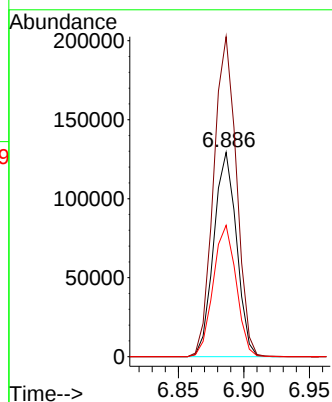
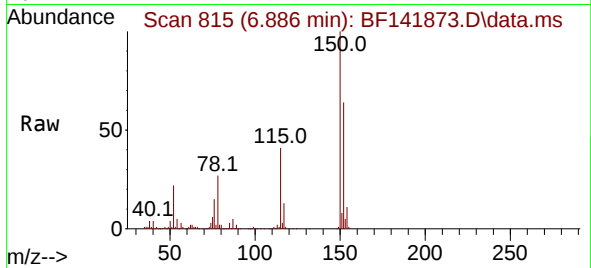




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.007 min
 Lab File: BF141873.D
 Acq: 06 Mar 2025 17:29

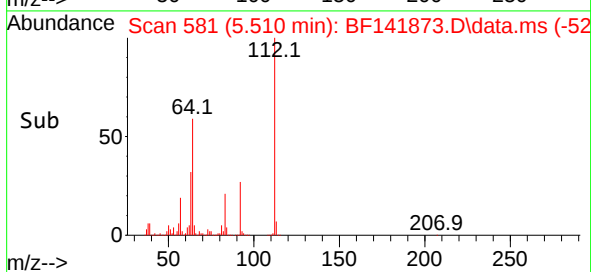
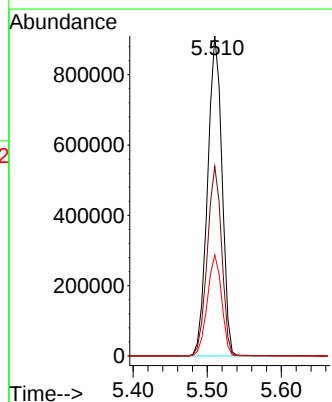
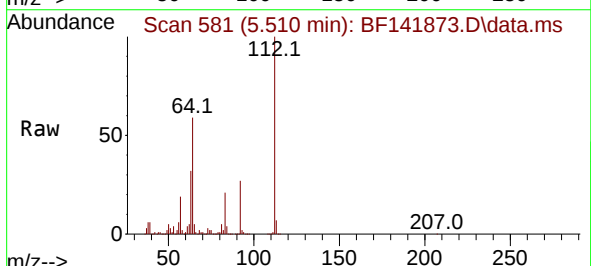
Instrument :
 BNA_F
 ClientSampleId :
 TR-OTR-COMP-01

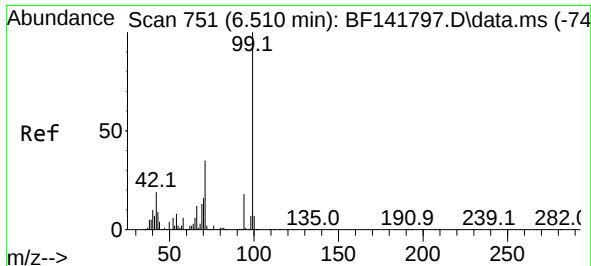
Tgt Ion:152 Resp: 155990
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.5 191.3
 115 64.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 125.787 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141873.D
 Acq: 06 Mar 2025 17:29

Tgt Ion:112 Resp: 1228658
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.3 76.9
 63 31.6 26.2 39.4

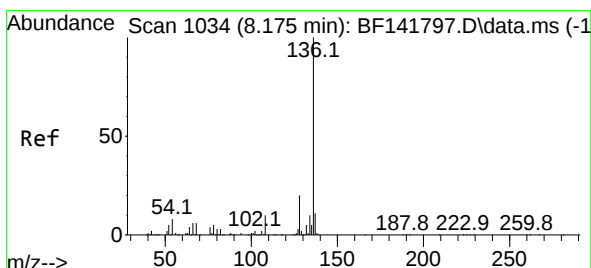
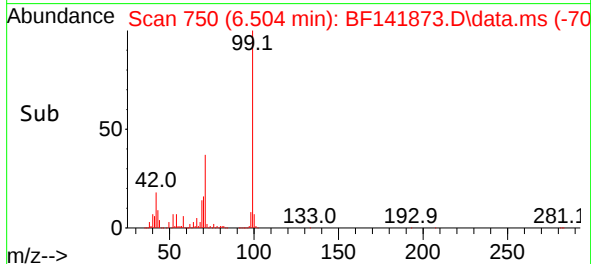
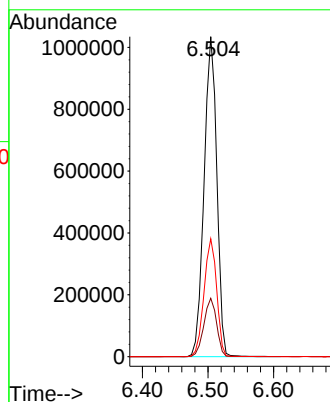
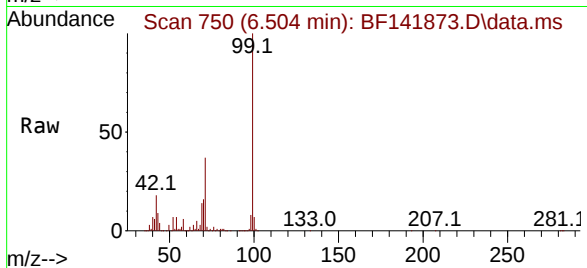




#7
Phenol-d6
Concen: 110.445 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

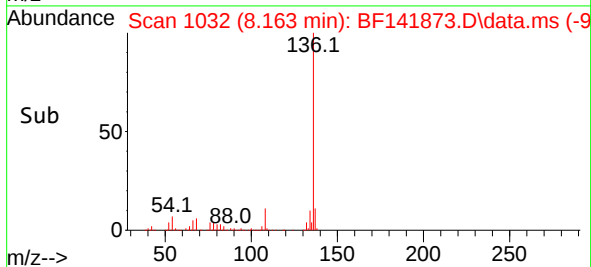
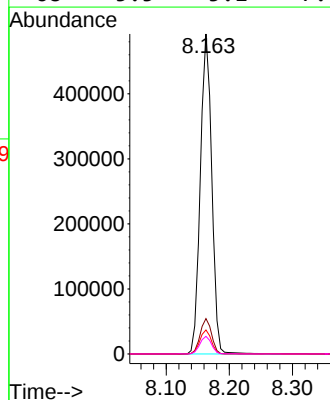
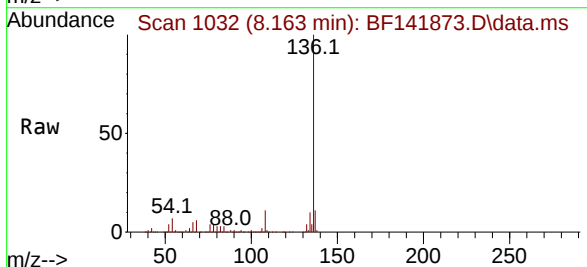
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

Tgt Ion: 99 Resp: 1404148
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 36.9 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: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:136 Resp: 617843
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.9 10.3
68 5.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 112.047 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

Instrument :

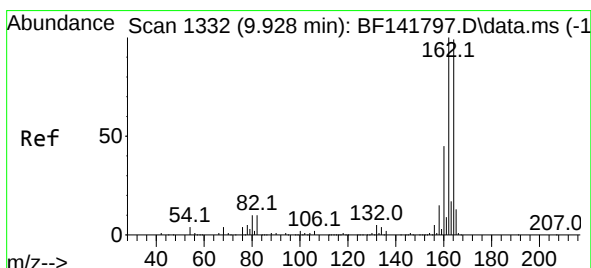
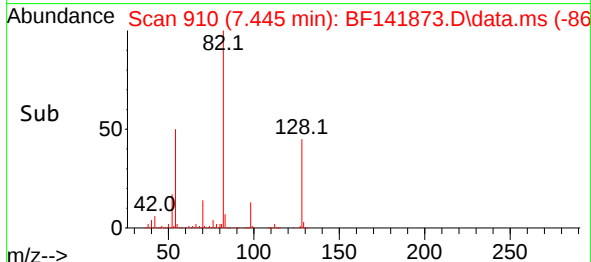
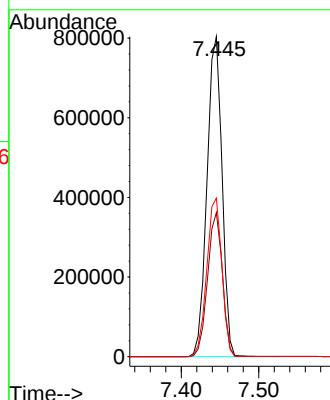
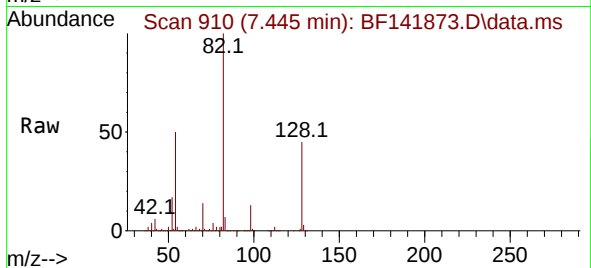
BNA_F

ClientSampleId :

TR-OTR-COMP-01

Tgt Ion: 82 Resp: 1083032

Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.5	50.3
54	49.6	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

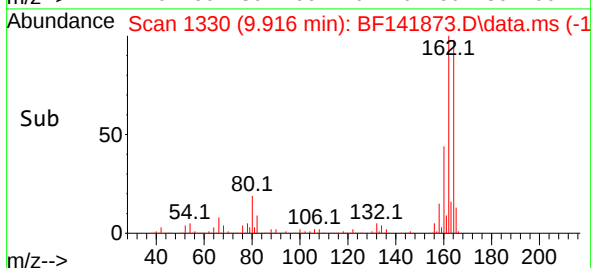
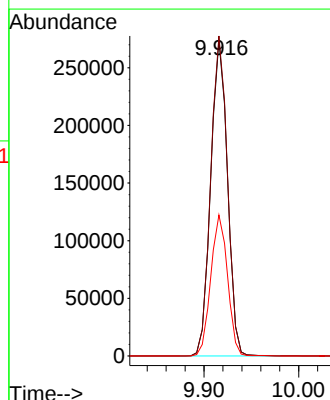
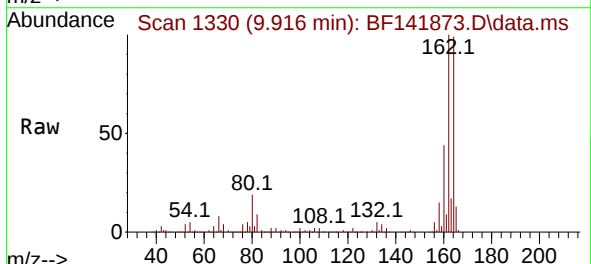
Delta R.T. -0.012 min

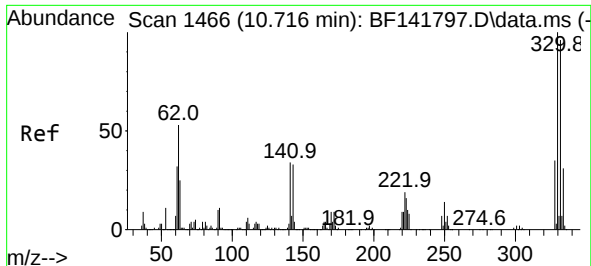
Lab File: BF141873.D

Acq: 06 Mar 2025 17:29

Tgt Ion: 164 Resp: 335550

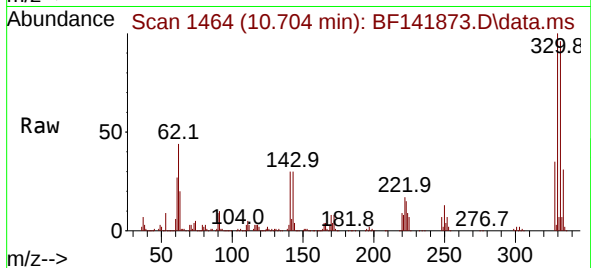
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	44.7	36.3	54.5



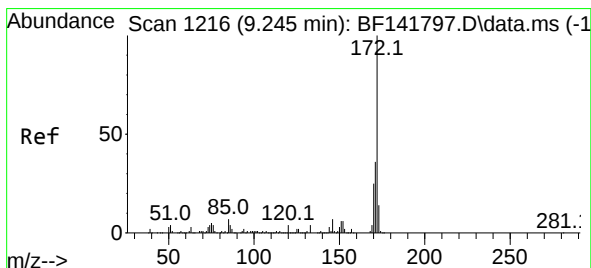
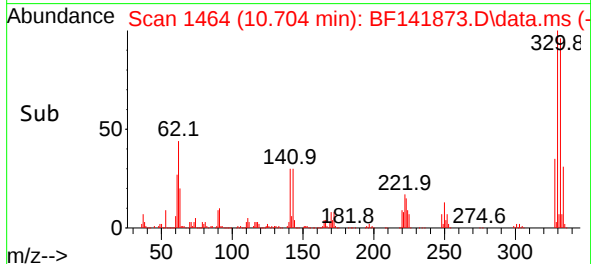
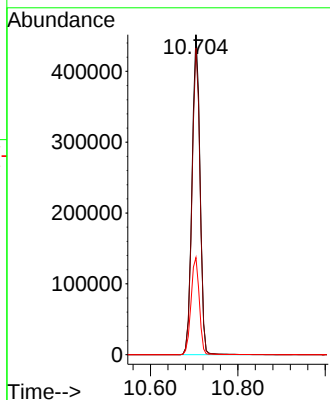


#42
2,4,6-Tribromophenol
Concen: 182.042 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

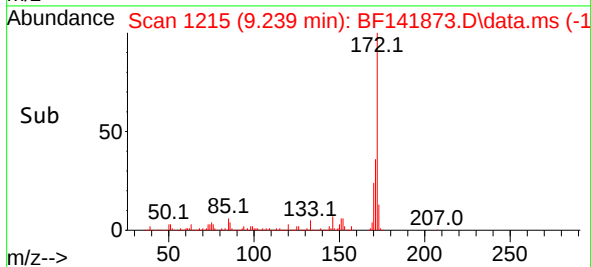
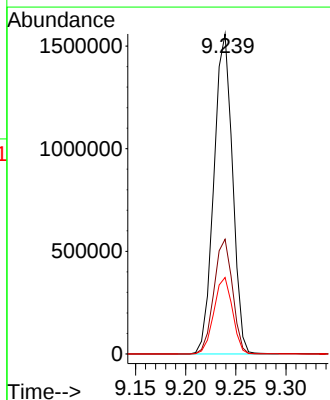
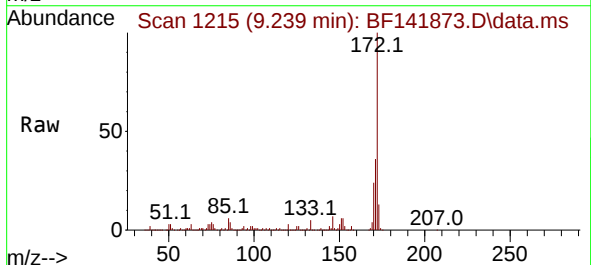


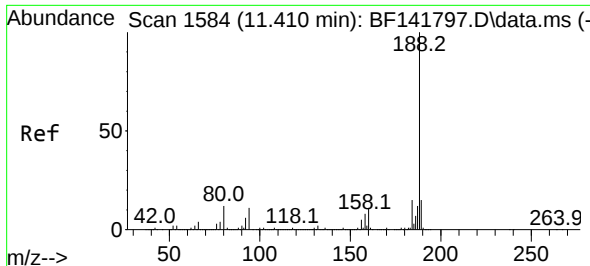
Tgt Ion: 330 Resp: 573470
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 31.5 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 96.180 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion: 172 Resp: 2012745
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.9 19.7 29.5

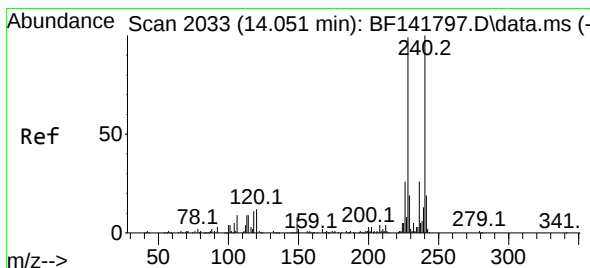
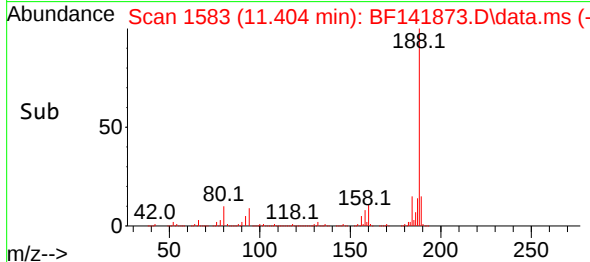
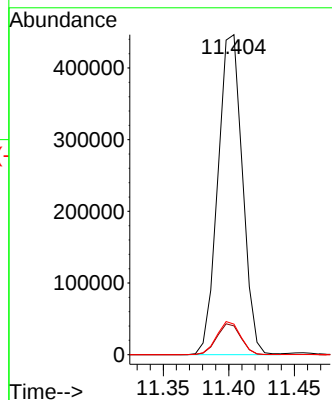
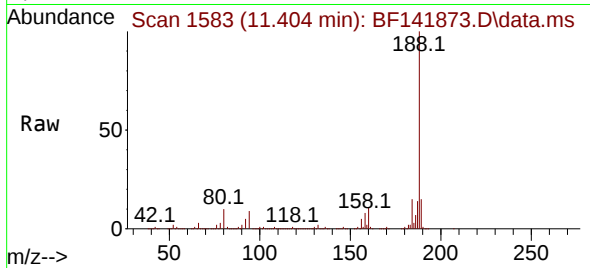




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

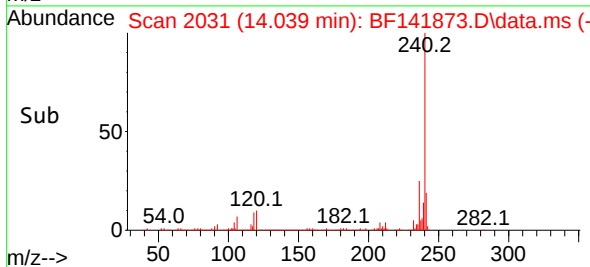
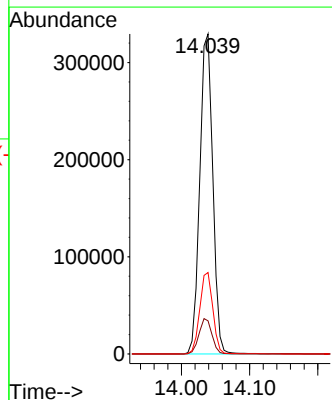
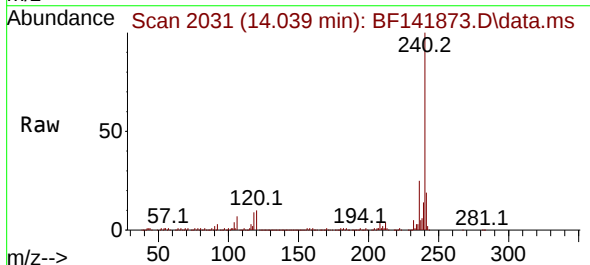
Instrument :
BNA_F
ClientSampleId :
TR-OTR-COMP-01

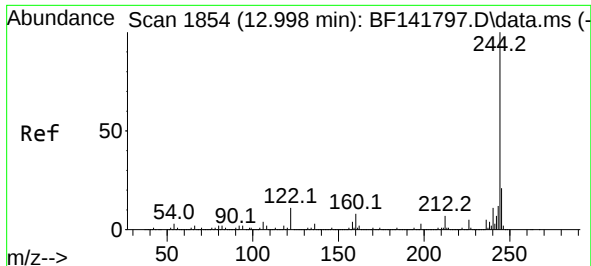
Tgt Ion:188 Resp: 580570
Ion Ratio Lower Upper
188 100
94 9.0 8.9 13.3
80 9.5 9.7 14.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141873.D
Acq: 06 Mar 2025 17:29

Tgt Ion:240 Resp: 437348
Ion Ratio Lower Upper
240 100
120 10.4 9.7 14.5
236 25.4 21.0 31.4

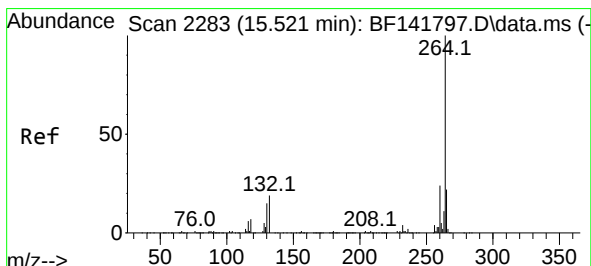
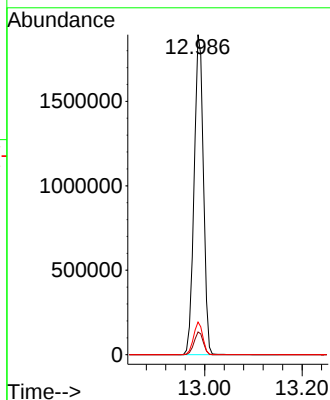
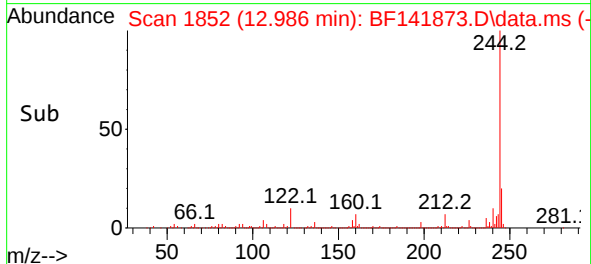
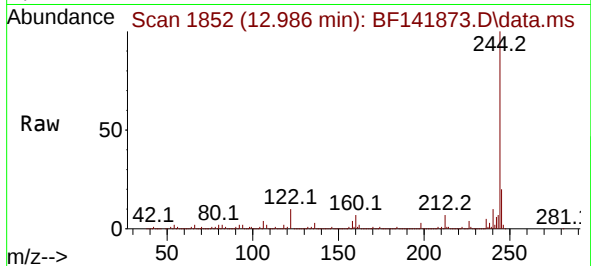




#79
 Terphenyl-d14
 Concen: 93.307 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141873.D
 Acq: 06 Mar 2025 17:29

Instrument :
 BNA_F
 ClientSampleId :
 TR-OTR-COMP-01

Tgt Ion:244 Resp: 2522220
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.2 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: BF141873.D
 Acq: 06 Mar 2025 17:29

Tgt Ion:264 Resp: 445885
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.4 17.4 26.0

