

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141841.D
 Acq On : 05 Mar 2025 13:53
 Operator : RC/JU
 Sample : Q1488-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-104-SB02

Quant Time: Mar 05 15:07:40 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	200259	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	760393	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	389790	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	614563	20.000	ng	0.00
76) Chrysene-d12	14.039	240	462576	20.000	ng	-0.01
86) Perylene-d12	15.509	264	512973	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1091570	87.048	ng	0.00
7) Phenol-d6	6.498	99	1376053	84.308	ng	-0.01
23) Nitrobenzene-d5	7.439	82	849034	71.371	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	336547	91.967	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1437189	59.120	ng	0.00
79) Terphenyl-d14	12.986	244	1168427	40.867	ng	-0.01

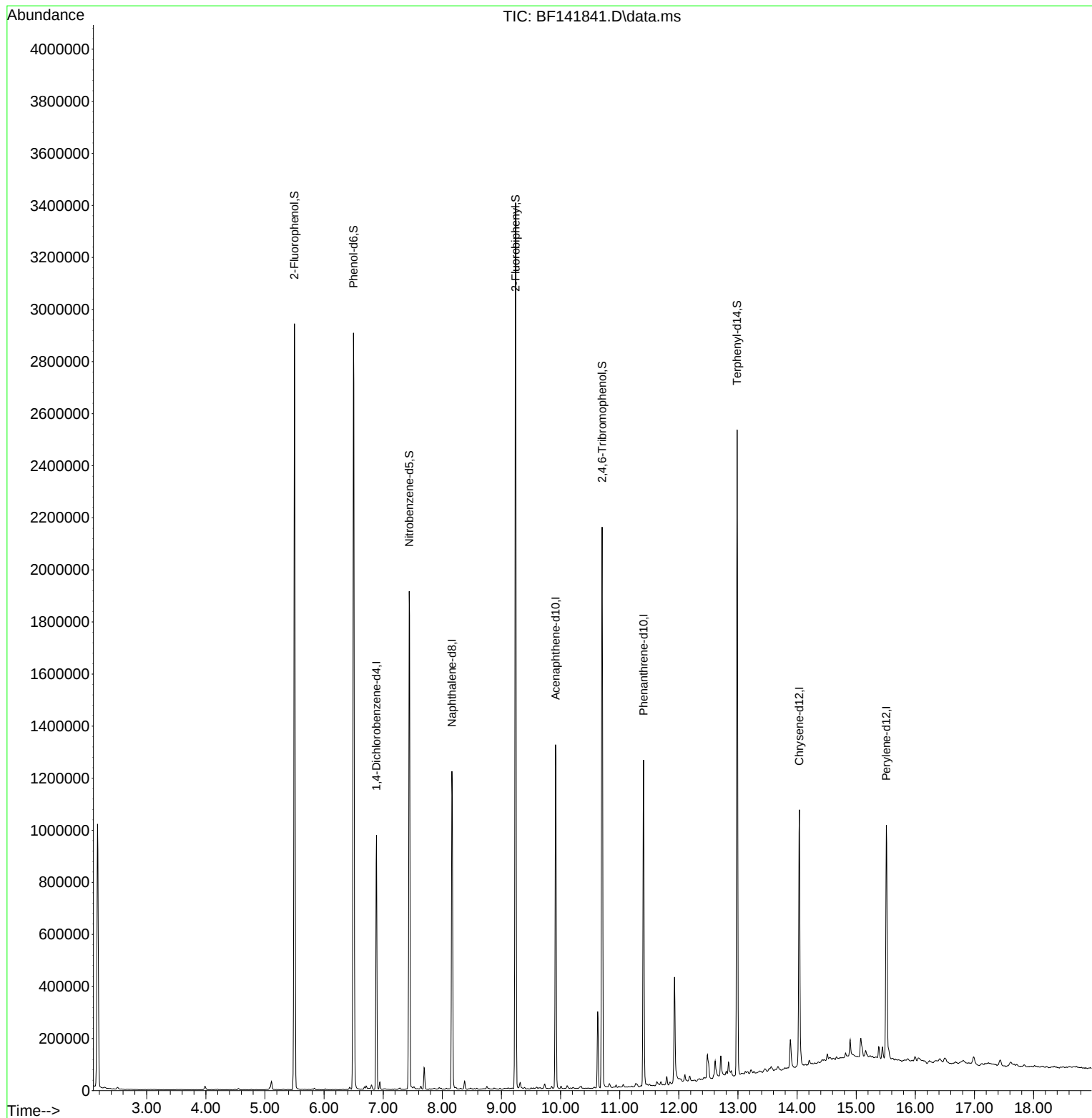
Target Compounds	Qvalue

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

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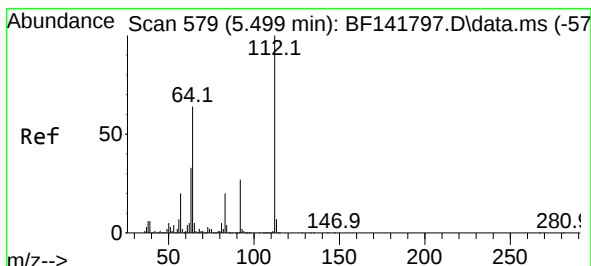
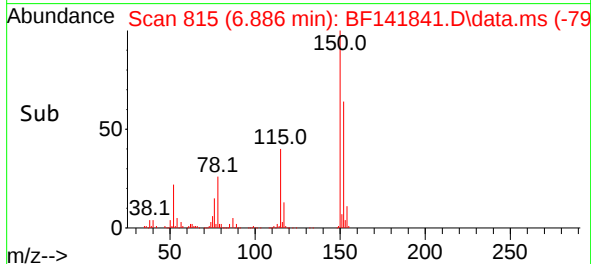
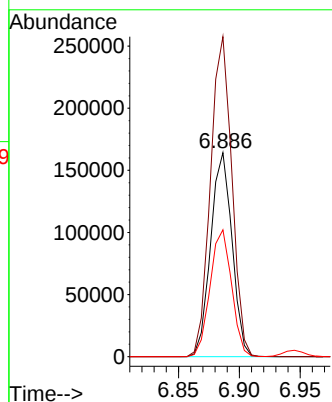
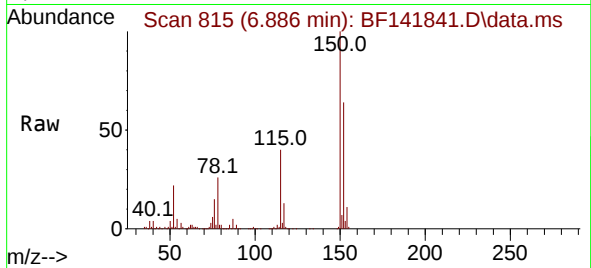




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

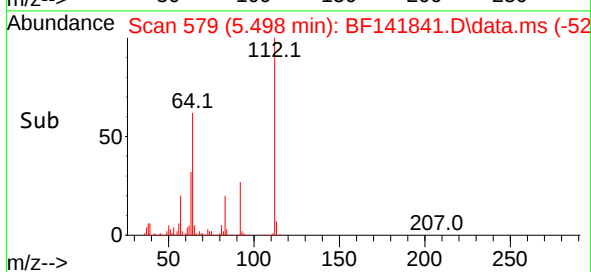
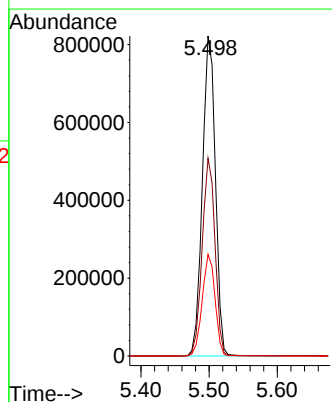
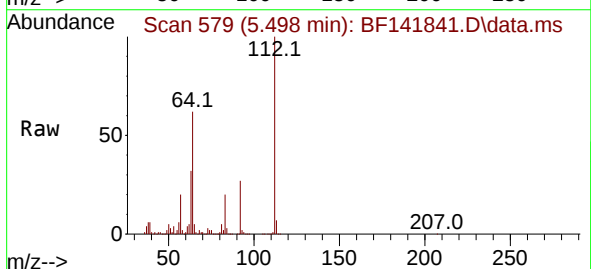
Instrument :
BNA_F
ClientSampleId :
ENV-104-SB02

Tgt Ion:152 Resp: 200259
Ion Ratio Lower Upper
152 100
150 156.9 127.5 191.3
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 87.048 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

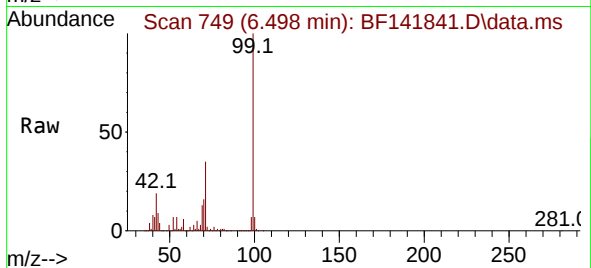
Tgt Ion:112 Resp: 1091570
Ion Ratio Lower Upper
112 100
64 61.8 51.3 76.9
63 31.7 26.2 39.4





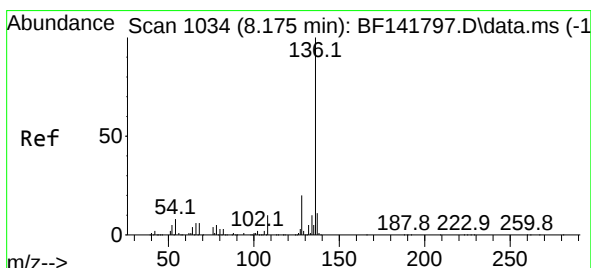
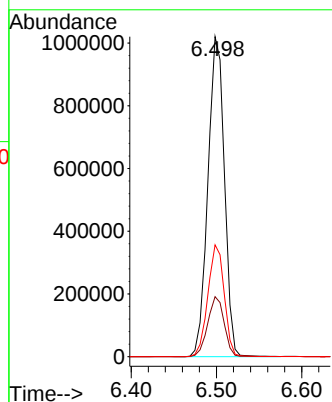
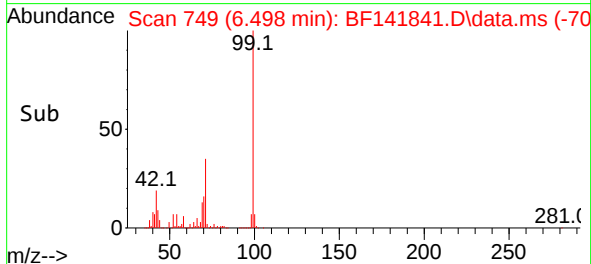
#7
Phenol-d6
Concen: 84.308 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

Instrument :
BNA_F
ClientSampleId :
ENV-104-SB02

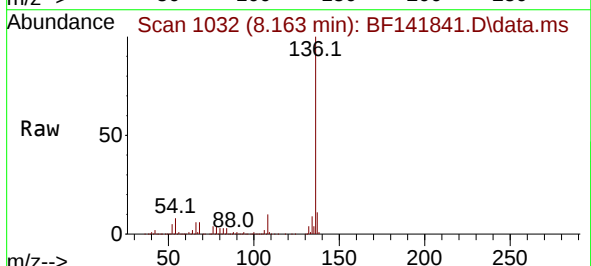


Tgt Ion: 99 Resp: 1376053

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.2	22.8
71	34.9	28.2	42.2

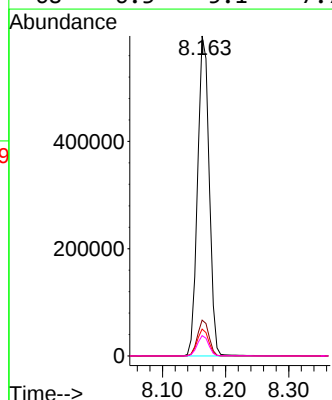
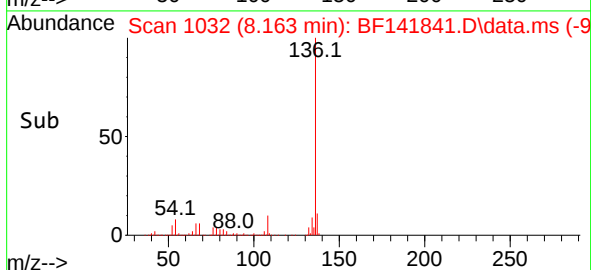


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53



Tgt Ion: 136 Resp: 760393

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.9	10.3
68	6.3	5.1	7.7





#23

Nitrobenzene-d5

Concen: 71.371 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141841.D

Acq: 05 Mar 2025 13:53

Instrument :

BNA_F

ClientSampleId :

ENV-104-SB02

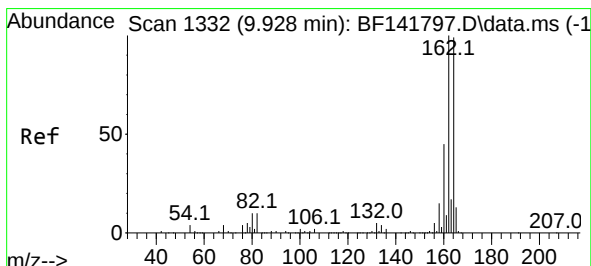
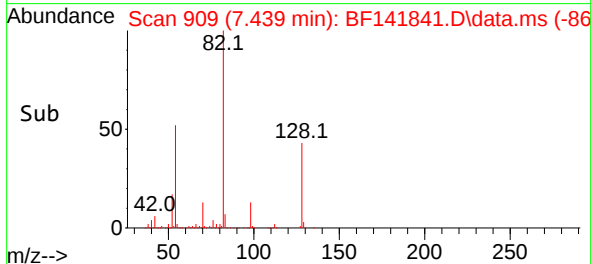
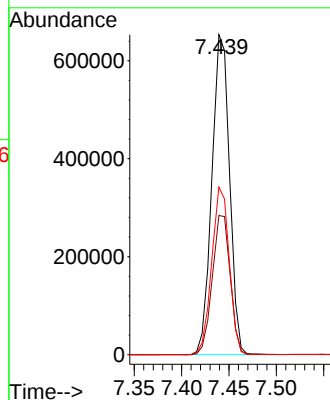
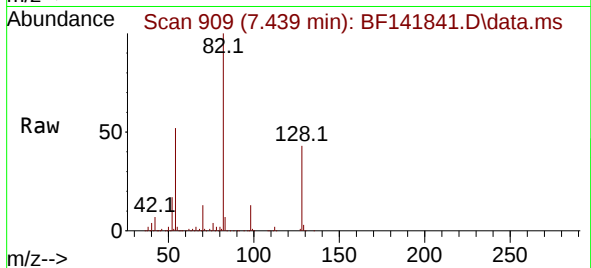
Tgt Ion: 82 Resp: 849034

Ion Ratio Lower Upper

82 100

128 43.5 33.5 50.3

54 52.4 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: BF141841.D

Acq: 05 Mar 2025 13:53

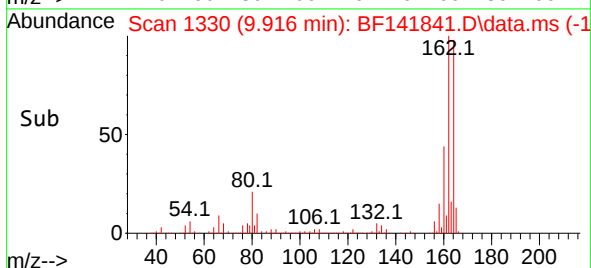
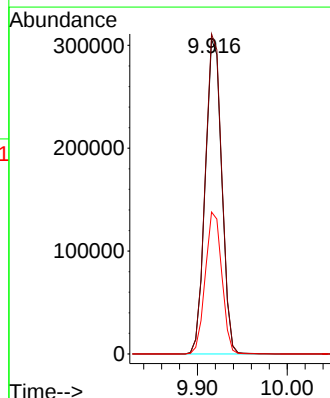
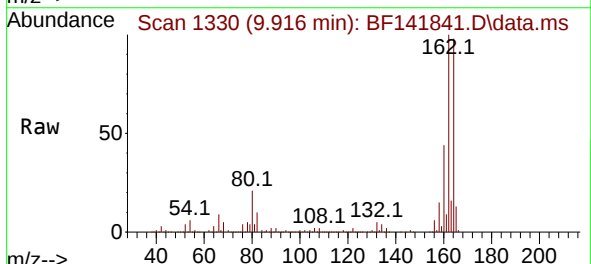
Tgt Ion: 164 Resp: 389790

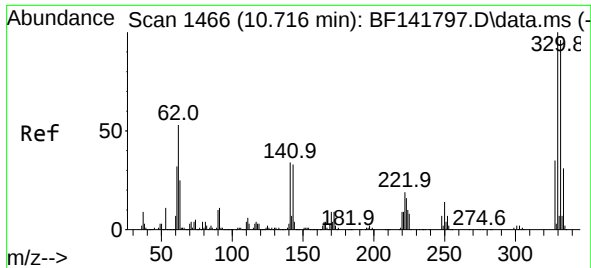
Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 45.1 36.3 54.5

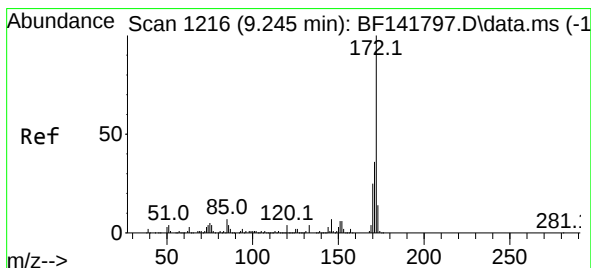
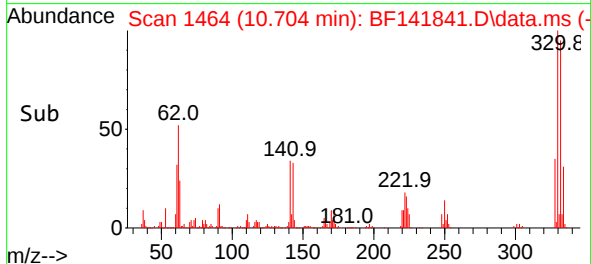
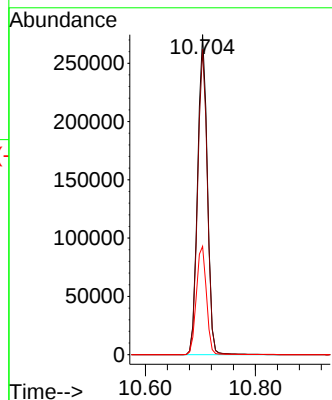
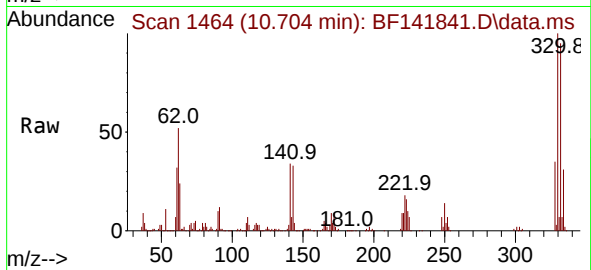




#42
2,4,6-Tribromophenol
Concen: 91.967 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

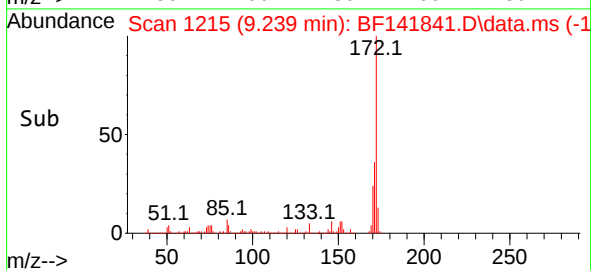
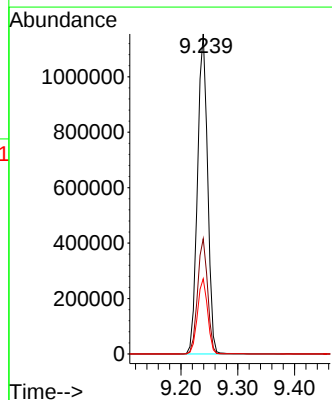
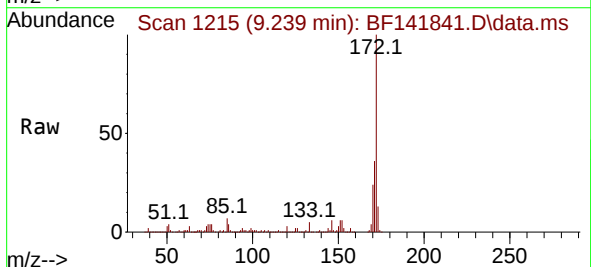
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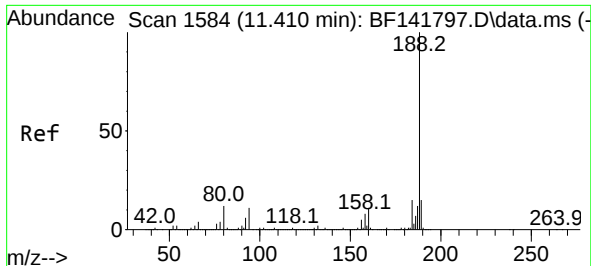
Tgt Ion:330 Resp: 336547
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 35.1 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 59.120 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

Tgt Ion:172 Resp: 1437189
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.5 19.7 29.5

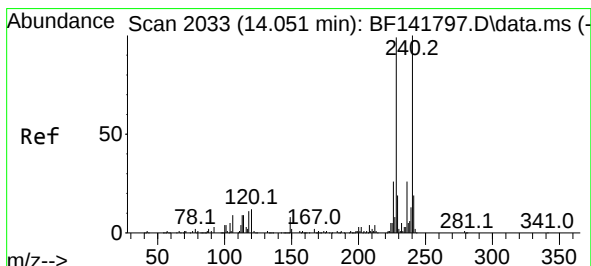
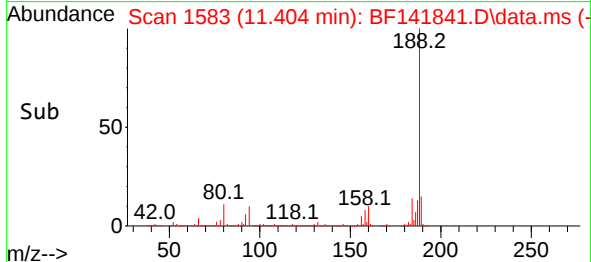
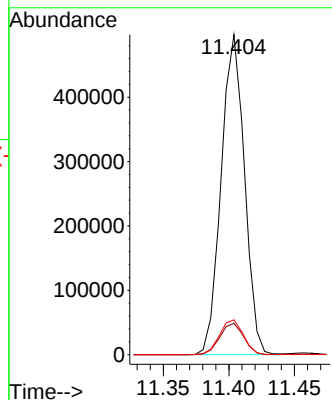
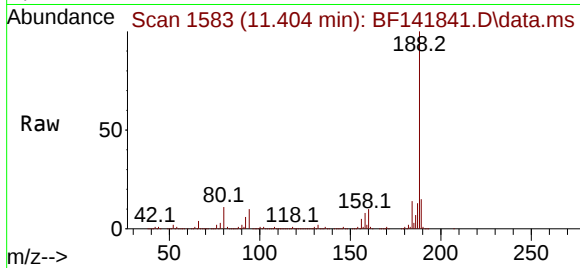




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

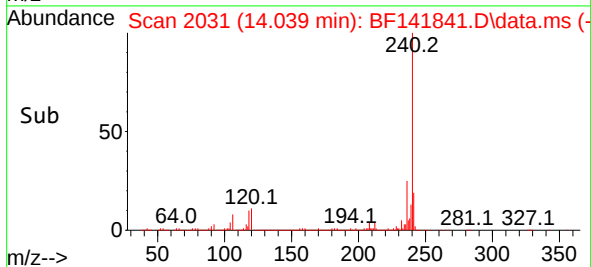
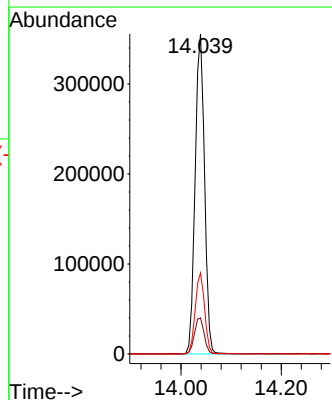
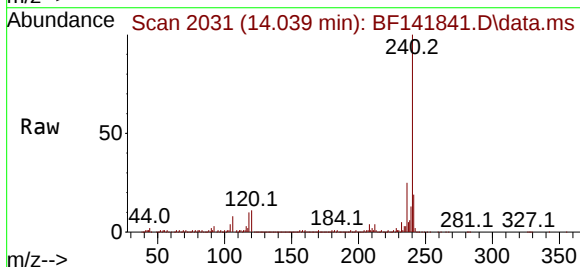
Instrument :
BNA_F
ClientSampleId :
ENV-104-SB02

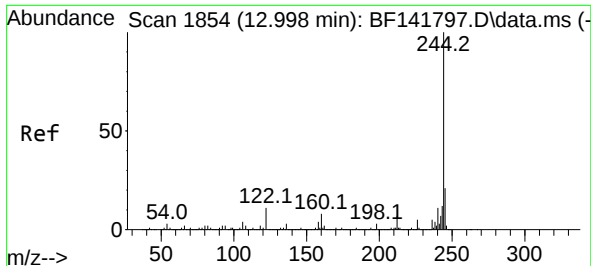
Tgt Ion:188 Resp: 614563
Ion Ratio Lower Upper
188 100
94 9.8 8.9 13.3
80 10.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141841.D
Acq: 05 Mar 2025 13:53

Tgt Ion:240 Resp: 462576
Ion Ratio Lower Upper
240 100
120 11.3 9.7 14.5
236 25.3 21.0 31.4

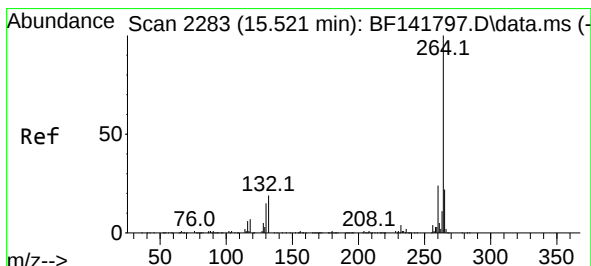
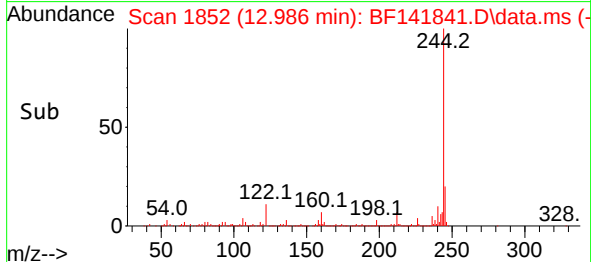
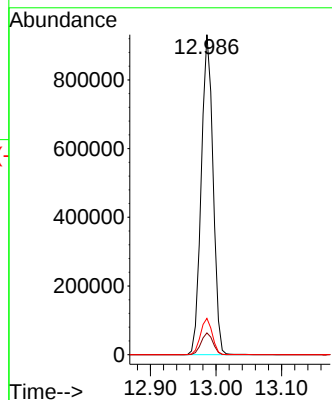
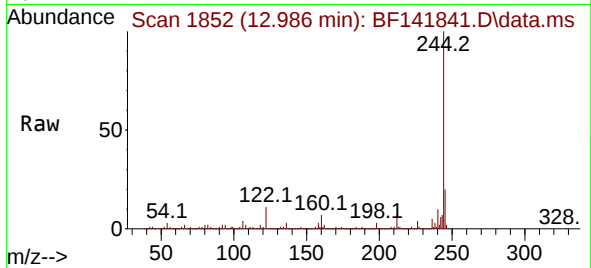




#79
 Terphenyl-d14
 Concen: 40.867 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141841.D
 Acq: 05 Mar 2025 13:53

Instrument :
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 ENV-104-SB02

Tgt Ion:244 Resp: 1168427
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 11.3 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: BF141841.D
 Acq: 05 Mar 2025 13:53

Tgt Ion:264 Resp: 512973
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.2 17.4 26.0

