

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142286.D
 Acq On : 02 May 2025 17:47
 Operator : RC/JU
 Sample : Q1932-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: May 02 22:48:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	195298	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	755609	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	390910	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	652458	20.000	ng	0.00
76) Chrysene-d12	14.063	240	419014	20.000	ng	-0.01
86) Perylene-d12	15.557	264	317080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1491418	121.962	ng	0.01
7) Phenol-d6	6.522	99	1750998	118.576	ng	0.00
23) Nitrobenzene-d5	7.463	82	1096832	95.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	533590	149.730	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2102954	75.851	ng	0.00
79) Terphenyl-d14	13.016	244	2186633	75.899	ng	0.00

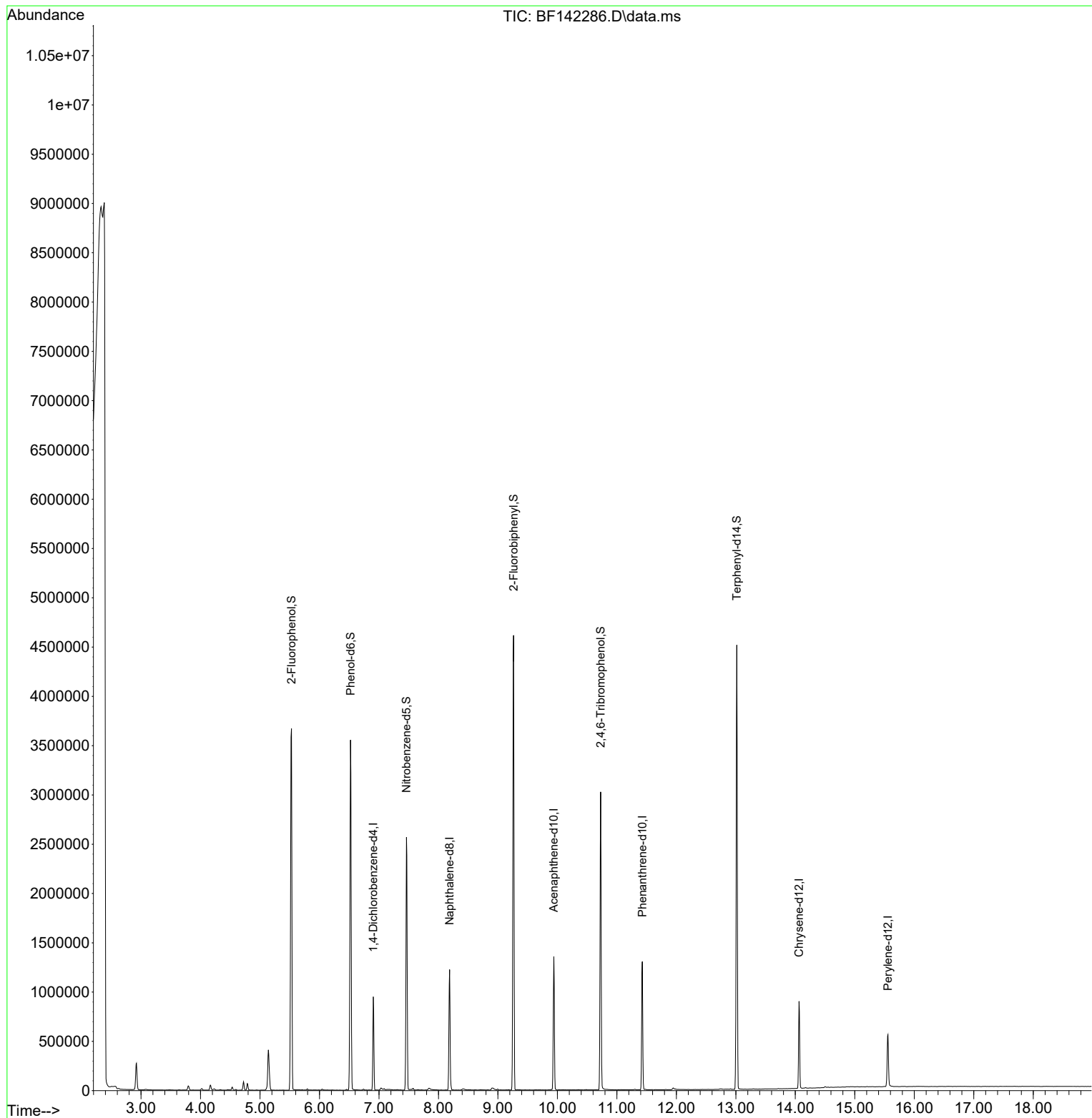
Target Compounds	Qvalue

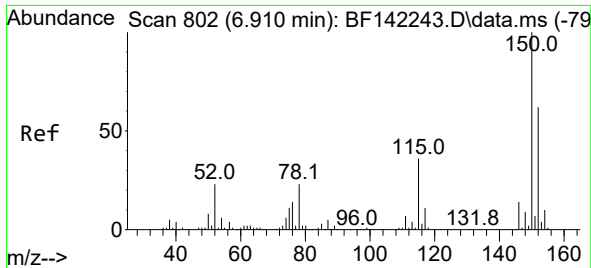
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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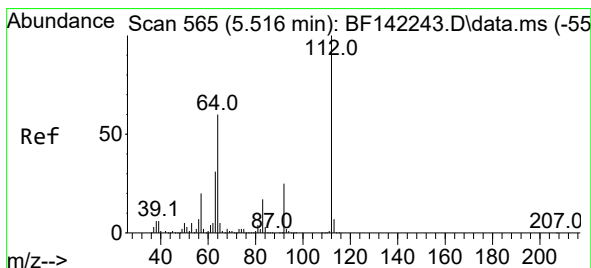
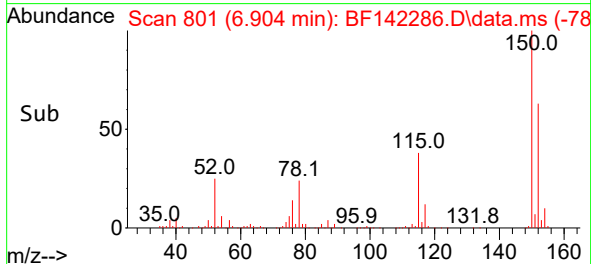
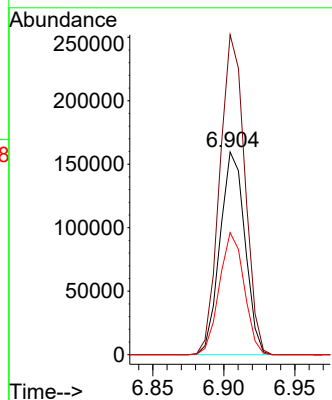
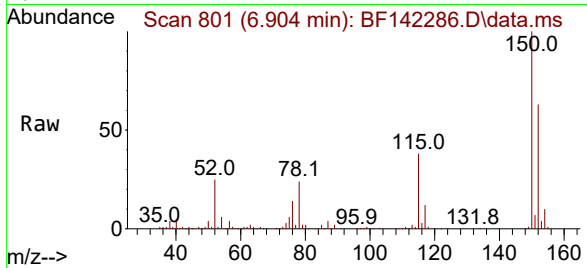




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142286.D
Acq: 02 May 2025 17:47

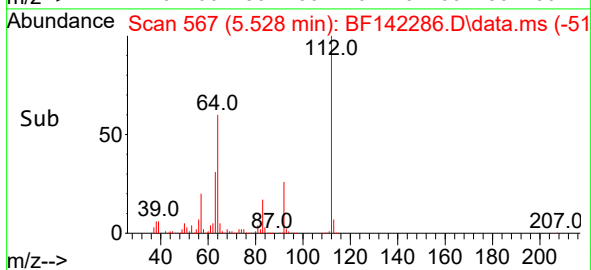
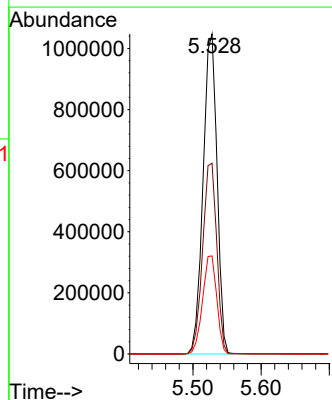
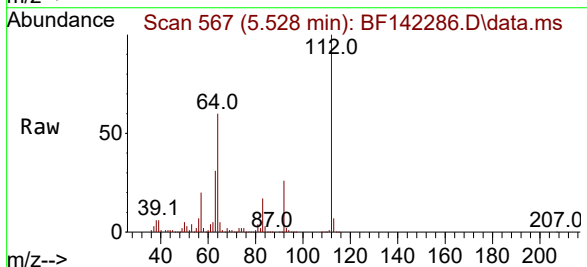
Instrument :
BNA_F
ClientSampleId :
COMP-4

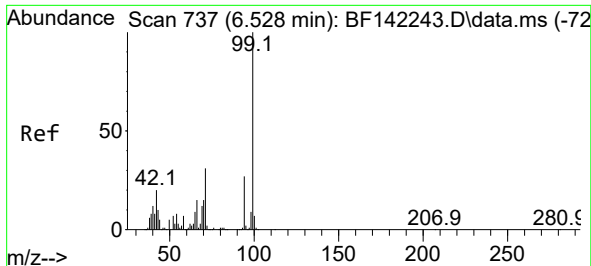
Tgt Ion:152 Resp: 195298
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 60.2 47.0 70.4



#5
2-Fluorophenol
Concen: 121.962 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142286.D
Acq: 02 May 2025 17:47

Tgt Ion:112 Resp: 1491418
Ion Ratio Lower Upper
112 100
64 59.6 48.4 72.6
63 30.6 24.8 37.2

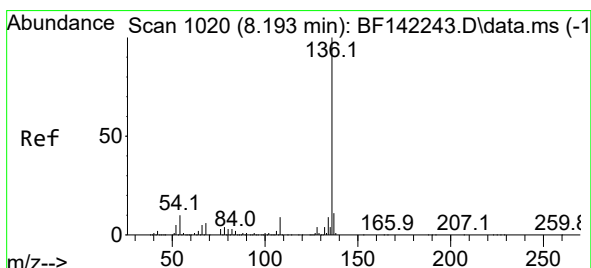
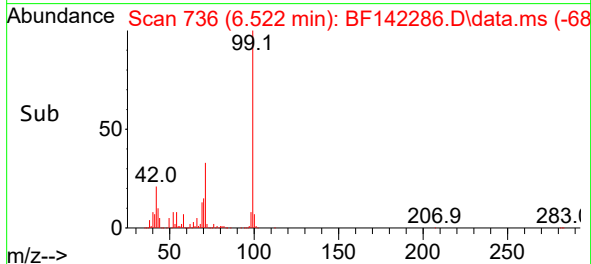
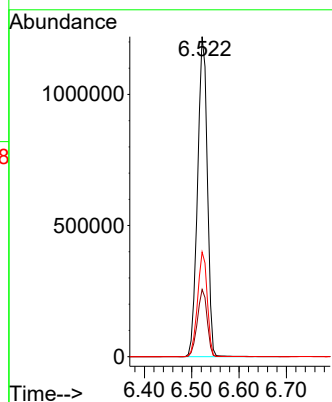
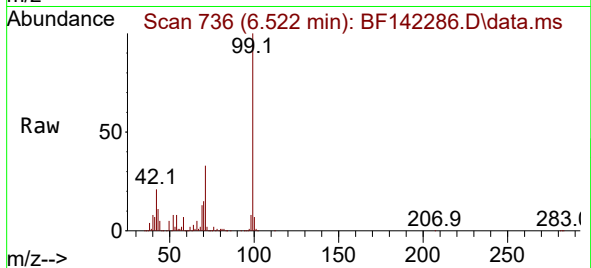




#7
Phenol-d6
Concen: 118.576 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142286.D
Acq: 02 May 2025 17:47

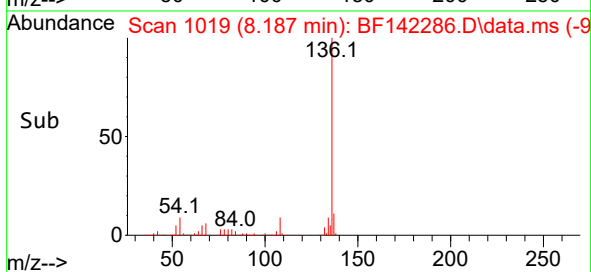
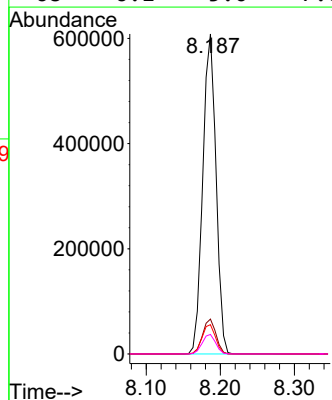
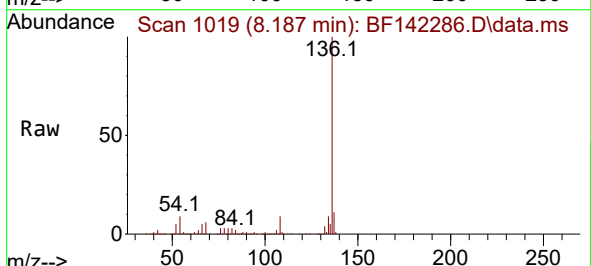
Instrument :
BNA_F
ClientSampleId :
COMP-4

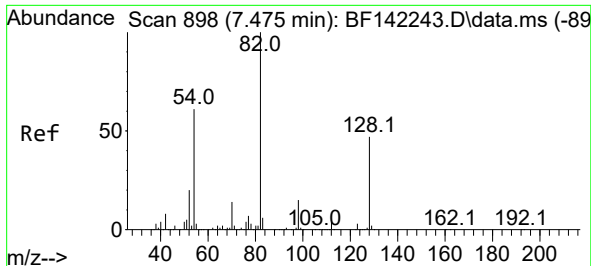
Tgt Ion: 99 Resp: 1750998
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142286.D
Acq: 02 May 2025 17:47

Tgt Ion:136 Resp: 755609
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 7.7 11.5
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.365 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142286.D

Acq: 02 May 2025 17:47

Instrument :

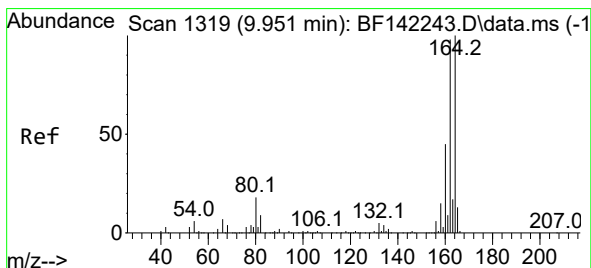
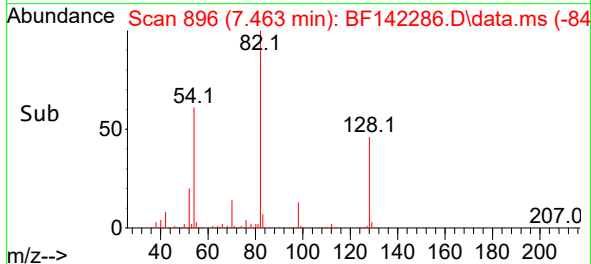
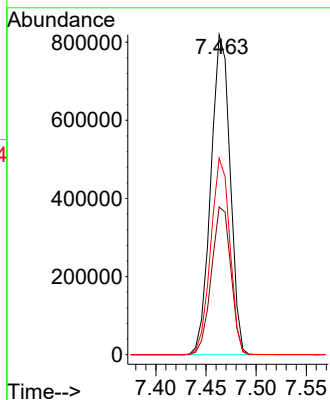
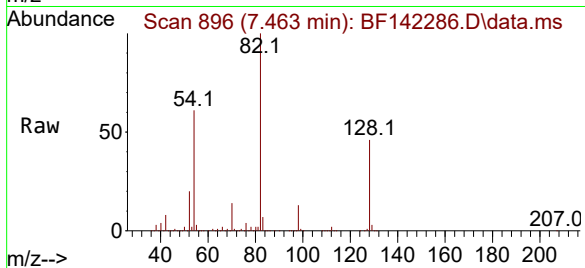
BNA_F

ClientSampleId :

COMP-4

Tgt Ion: 82 Resp: 1096832

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.6
54	61.4	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

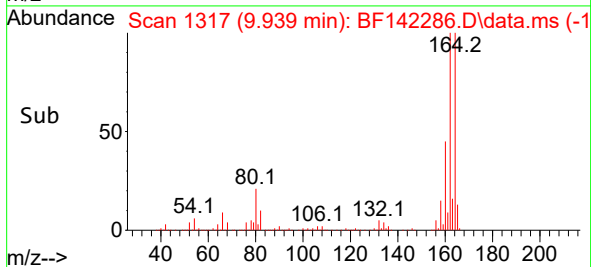
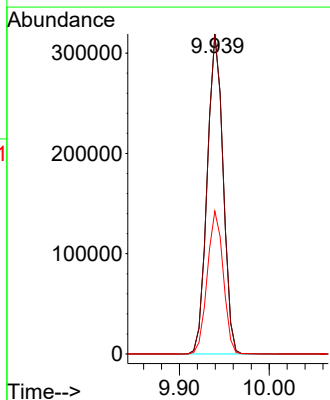
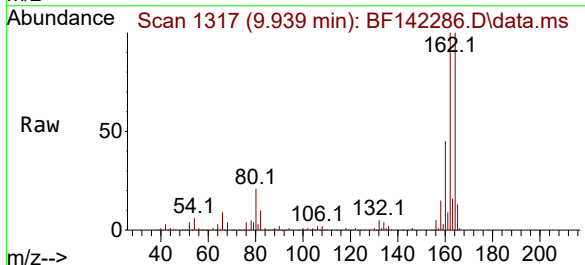
Delta R.T. -0.012 min

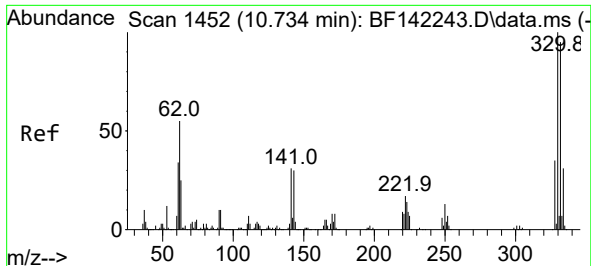
Lab File: BF142286.D

Acq: 02 May 2025 17:47

Tgt Ion:164 Resp: 390910

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.6	117.8
160	44.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 149.730 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142286.D

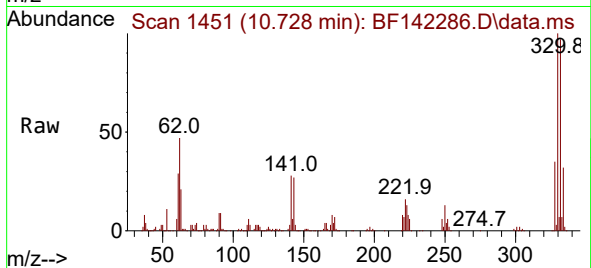
Acq: 02 May 2025 17:47

Instrument :

BNA_F

ClientSampleId :

COMP-4



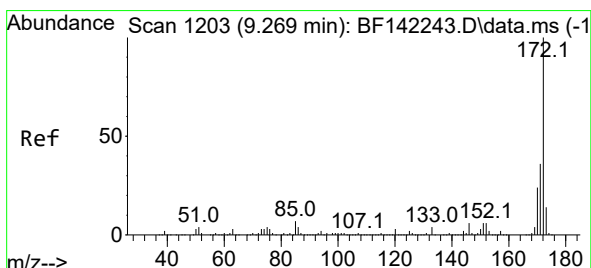
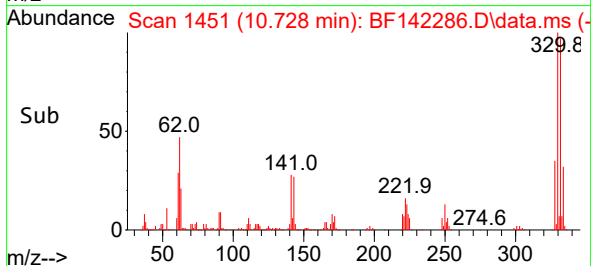
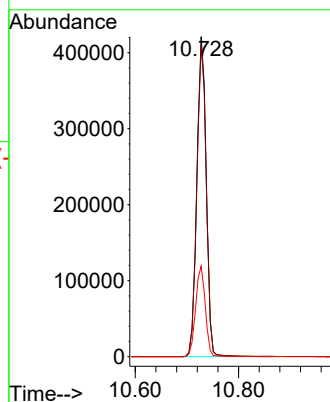
Tgt Ion:330 Resp: 533590

Ion Ratio Lower Upper

330 100

332 97.6 76.5 114.7

141 29.1 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 75.851 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142286.D

Acq: 02 May 2025 17:47

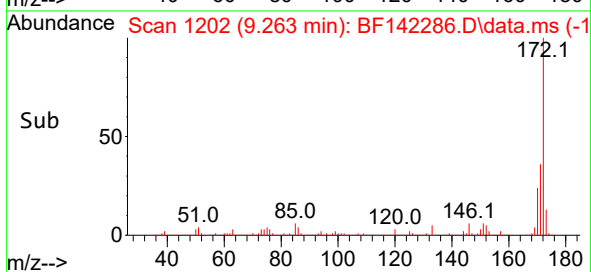
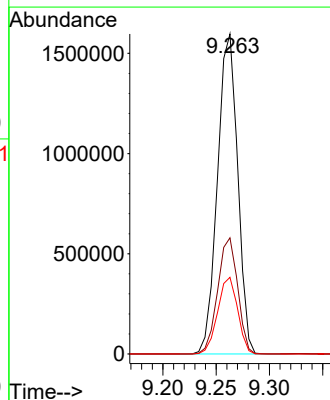
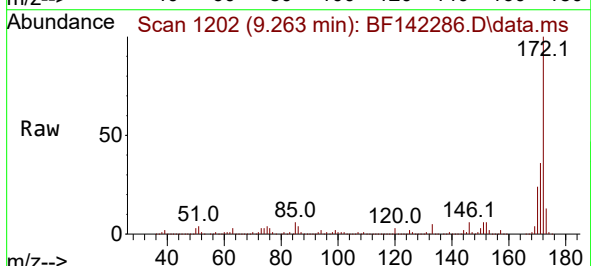
Tgt Ion:172 Resp: 2102954

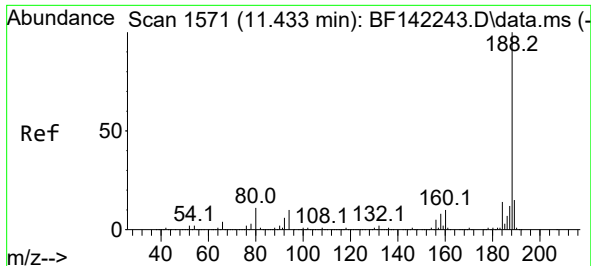
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 23.9 19.4 29.0

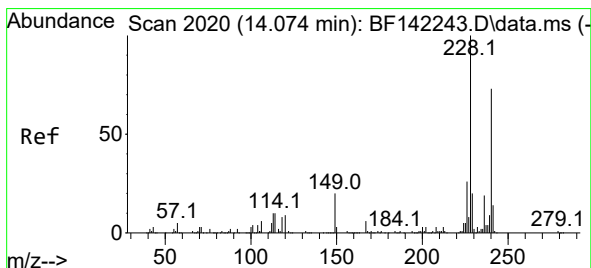
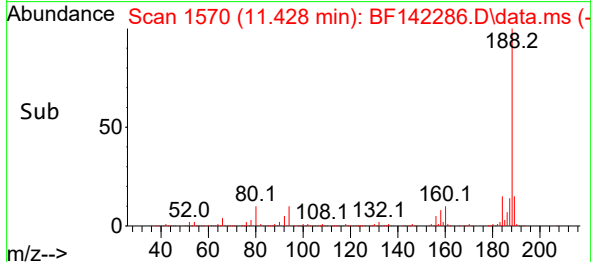
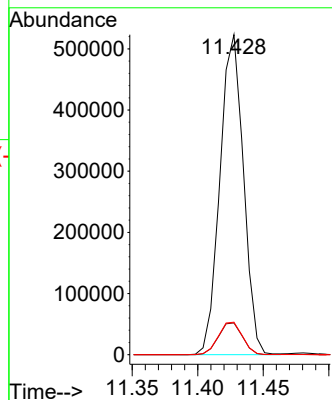
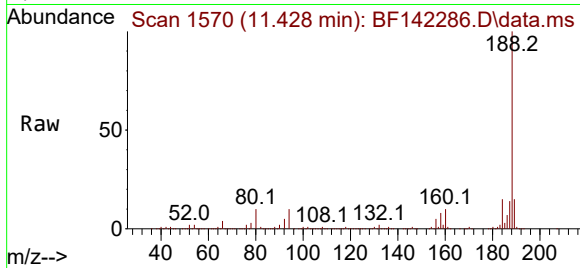




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142286.D
Acq: 02 May 2025 17:47

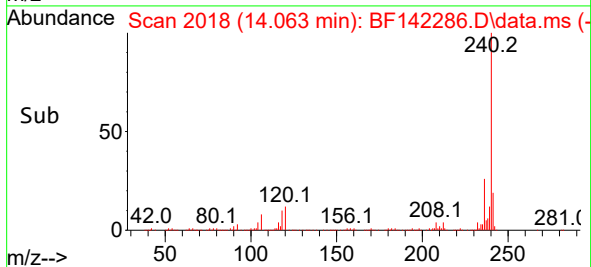
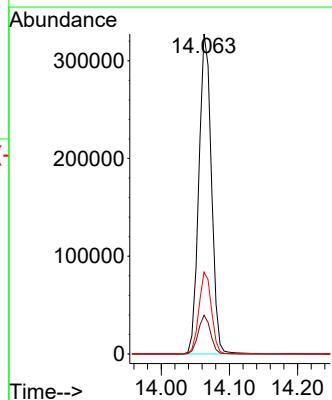
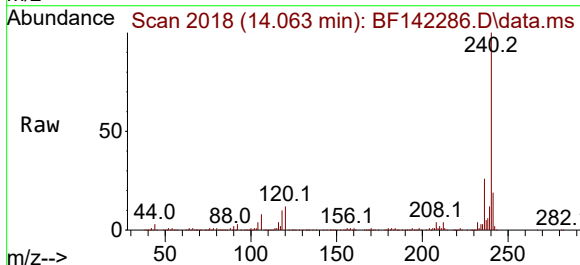
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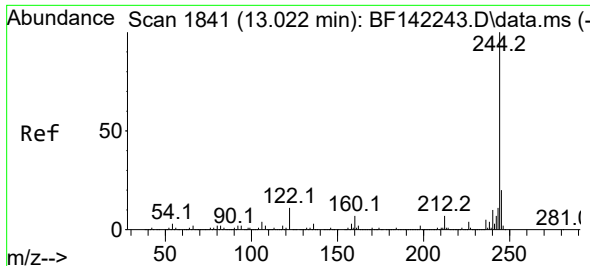
Tgt Ion:188 Resp: 652458
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142286.D
Acq: 02 May 2025 17:47

Tgt Ion:240 Resp: 419014
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 25.6 20.5 30.7

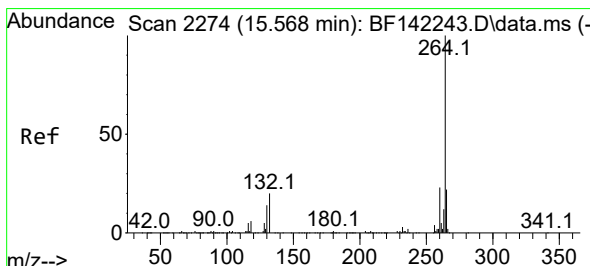
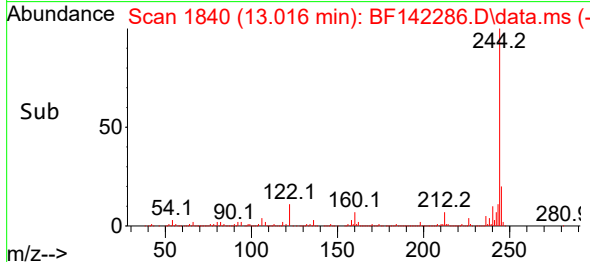
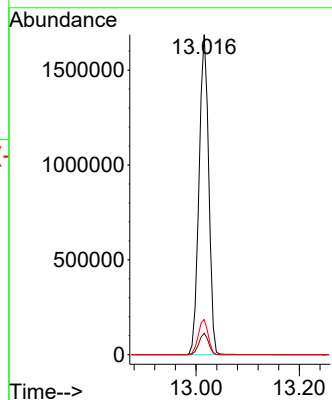
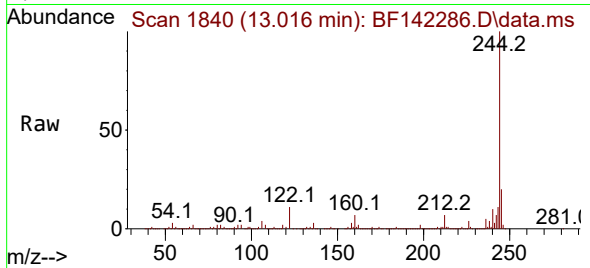




#79
 Terphenyl-d14
 Concen: 75.899 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142286.D
 Acq: 02 May 2025 17:47

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tgt Ion:244 Resp: 2186633
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.0 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142286.D
 Acq: 02 May 2025 17:47

Tgt Ion:264 Resp: 317080
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.3 17.3 25.9

