

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142287.D
 Acq On : 02 May 2025 18:16
 Operator : RC/JU
 Sample : Q1932-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: May 02 22:48:39 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	207212	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	793985	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	409234	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	678647	20.000	ng	0.00
76) Chrysene-d12	14.063	240	416027	20.000	ng	-0.01
86) Perylene-d12	15.551	264	314765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1488361	114.714	ng	0.01
7) Phenol-d6	6.522	99	1669274	106.542	ng	0.00
23) Nitrobenzene-d5	7.463	82	1171737	96.954	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	567141	152.019	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2258835	77.825	ng	0.00
79) Terphenyl-d14	13.016	244	2333374	81.573	ng	0.00

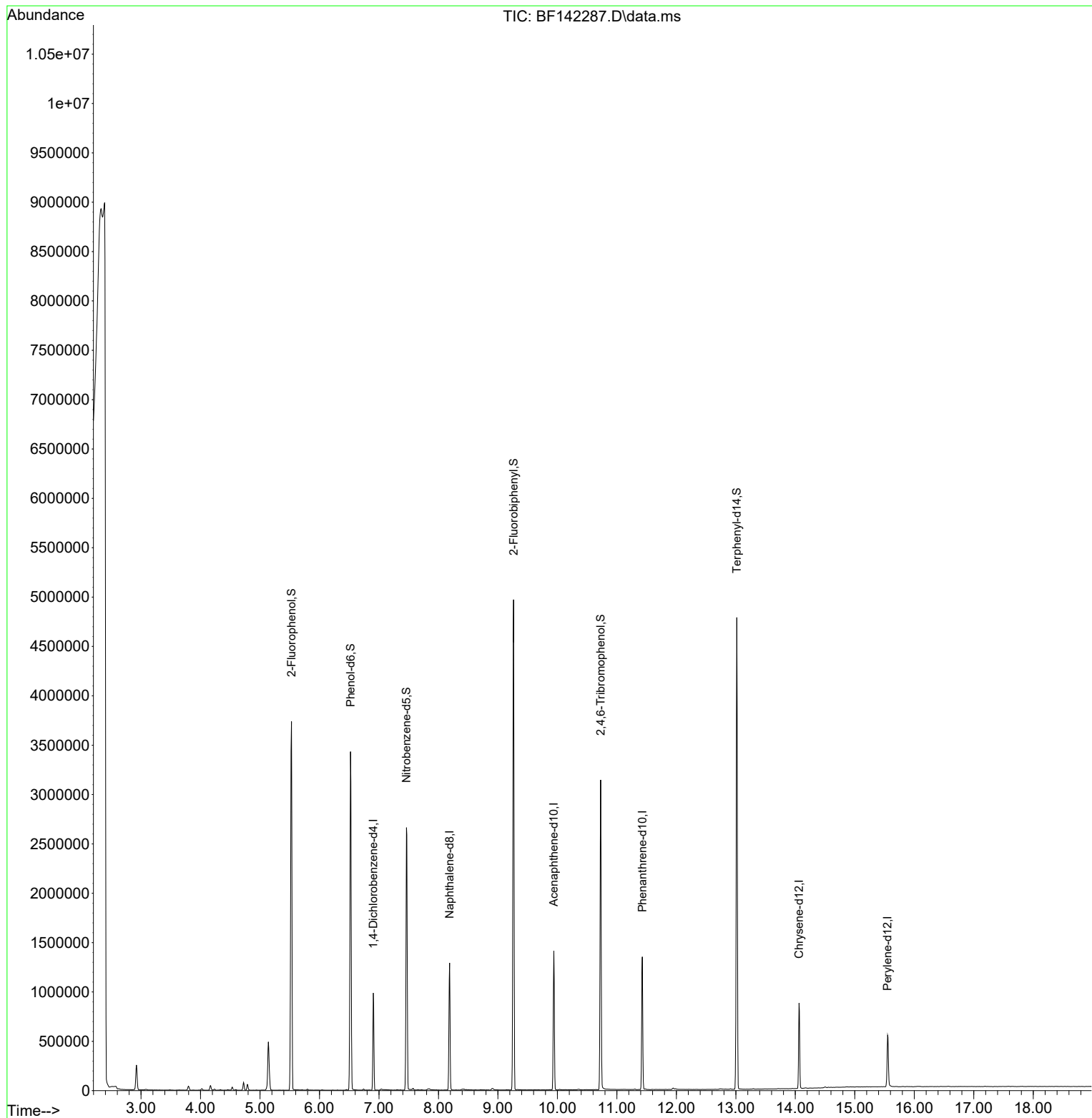
Target Compounds	Qvalue

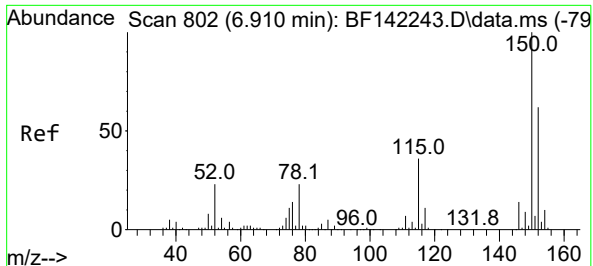
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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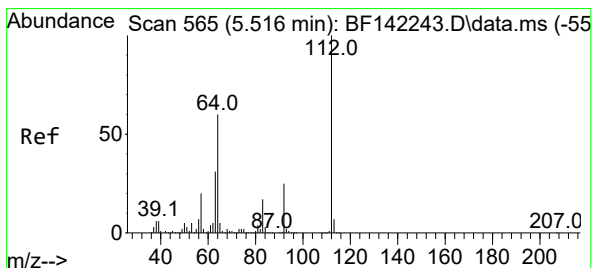
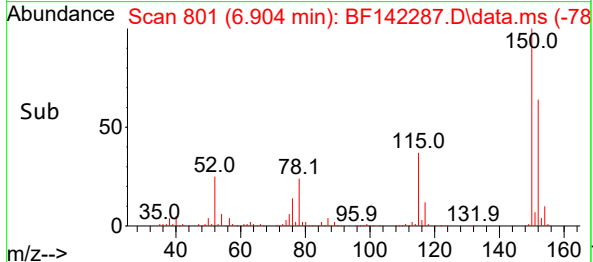
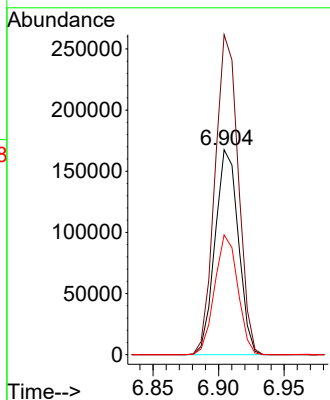
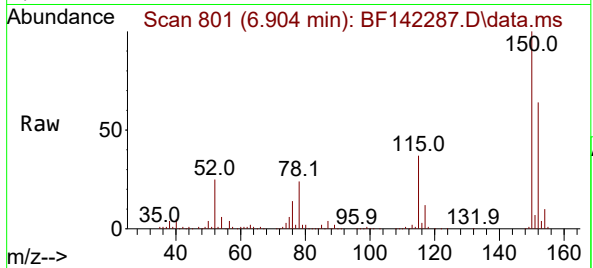




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

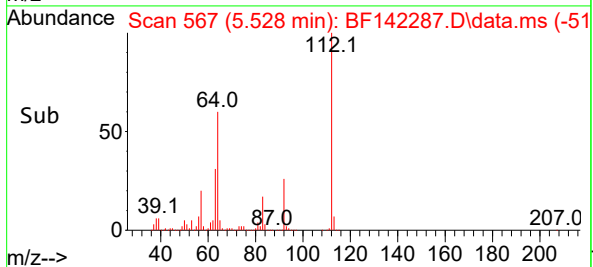
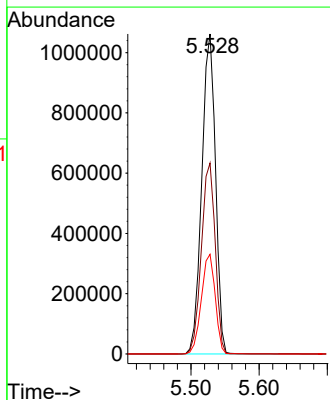
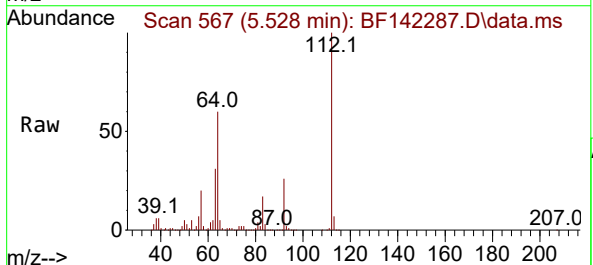
Instrument :
BNA_F
ClientSampleId :
COMP-5

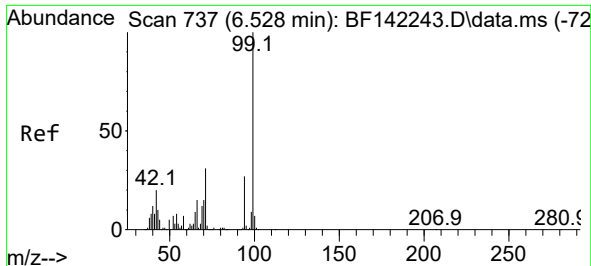
Tgt Ion:152 Resp: 207212
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 58.4 47.0 70.4



#5
2-Fluorophenol
Concen: 114.714 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:112 Resp: 1488361
Ion Ratio Lower Upper
112 100
64 59.7 48.4 72.6
63 31.2 24.8 37.2

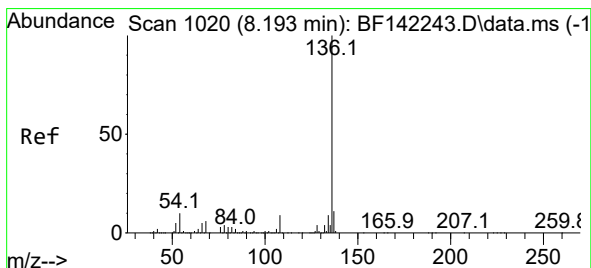
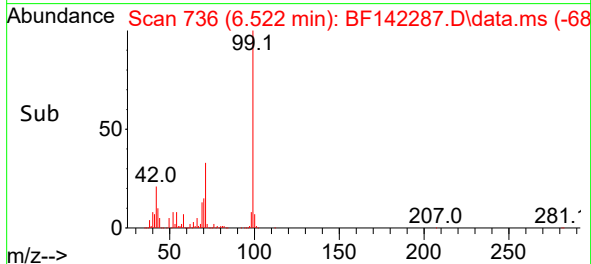
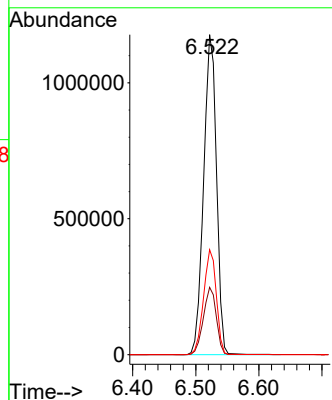
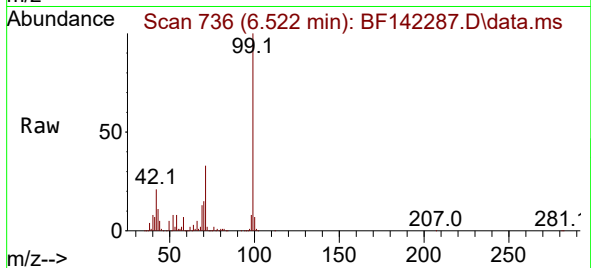




#7
Phenol-d6
Concen: 106.542 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

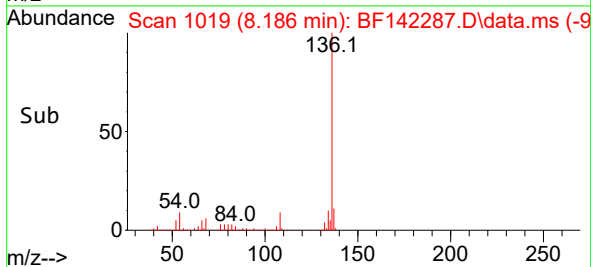
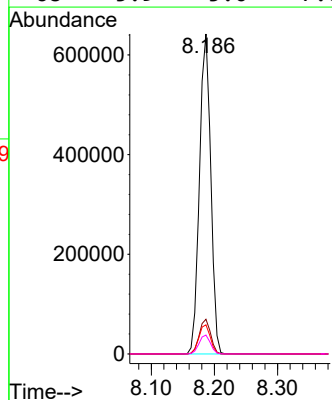
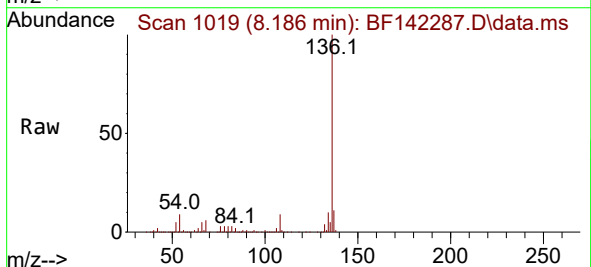
Instrument :
BNA_F
ClientSampleId :
COMP-5

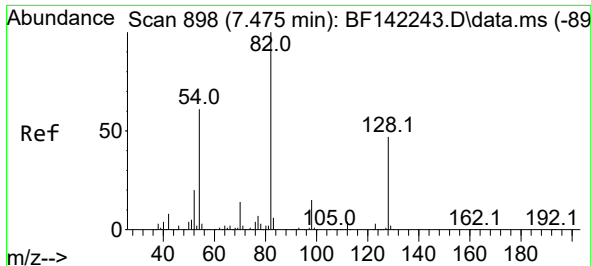
Tgt Ion: 99 Resp: 1669274
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

Tgt Ion:136 Resp: 793985
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.1 7.7 11.5
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 96.954 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

Instrument :

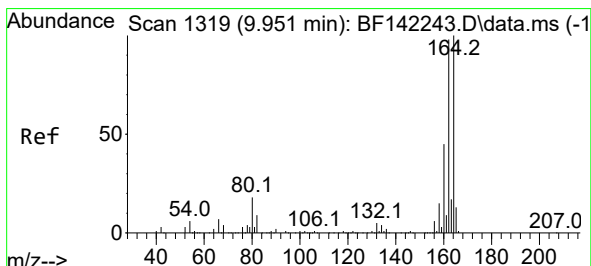
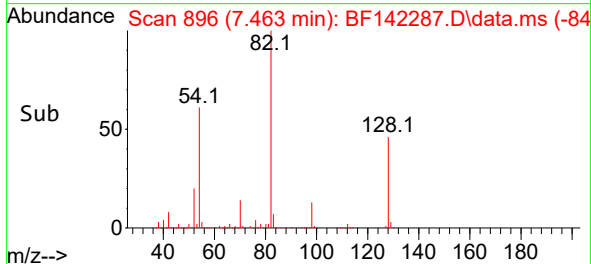
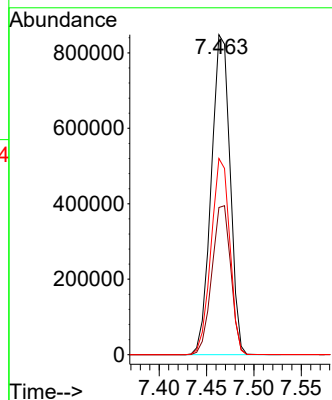
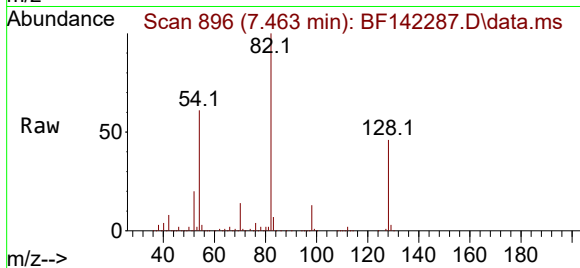
BNA_F

ClientSampleId :

COMP-5

Tgt Ion: 82 Resp: 1171737

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.6
54	61.3	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

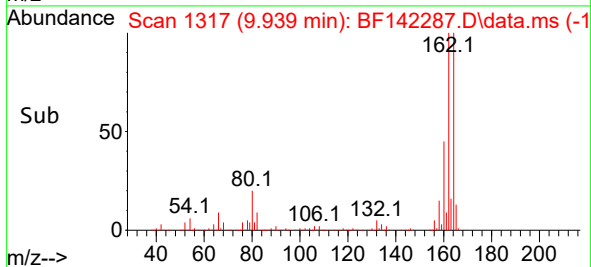
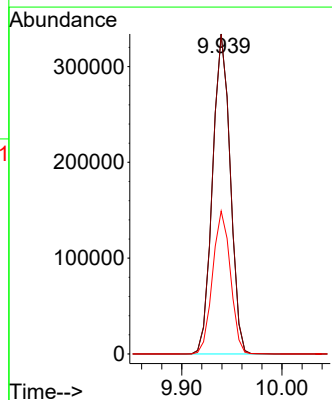
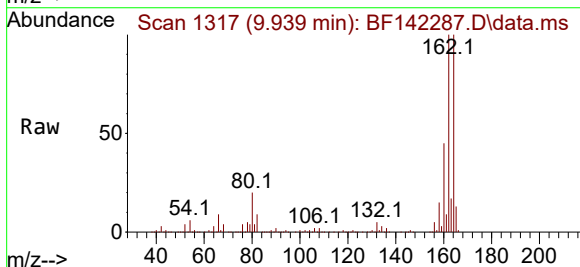
Delta R.T. -0.012 min

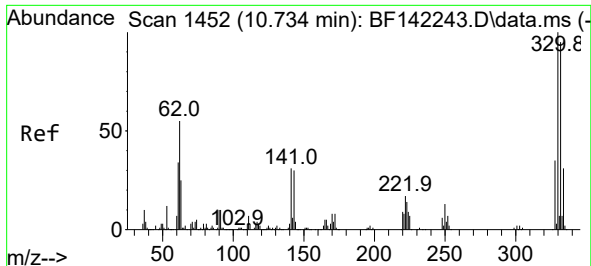
Lab File: BF142287.D

Acq: 02 May 2025 18:16

Tgt Ion:164 Resp: 409234

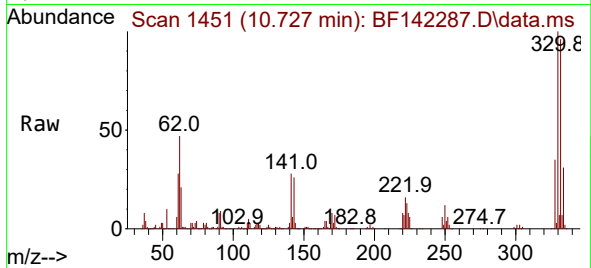
Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.6	117.8
160	44.6	35.7	53.5



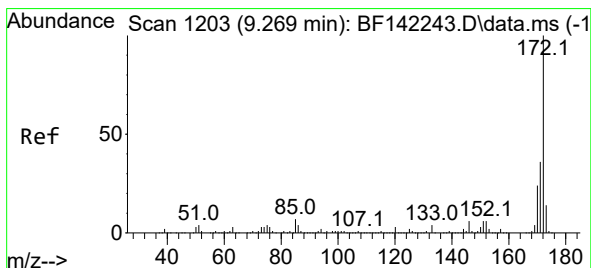
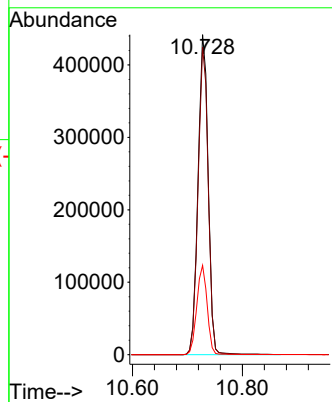
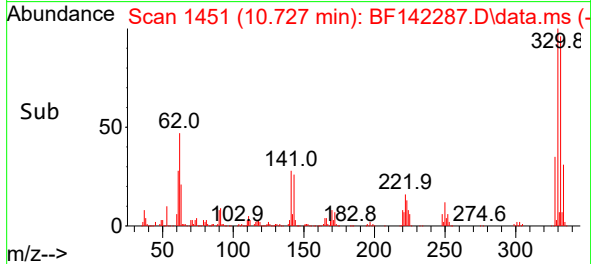


#42
2,4,6-Tribromophenol
Concen: 152.019 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16

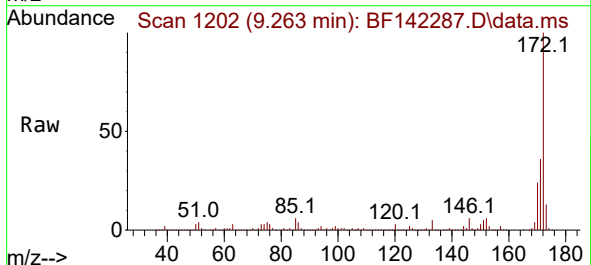
Instrument :
BNA_F
ClientSampleId :
COMP-5



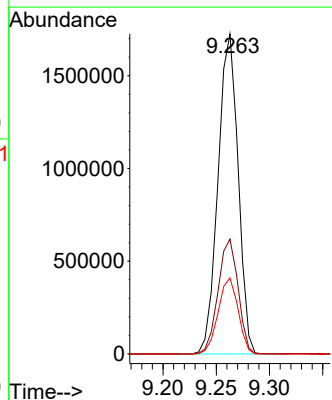
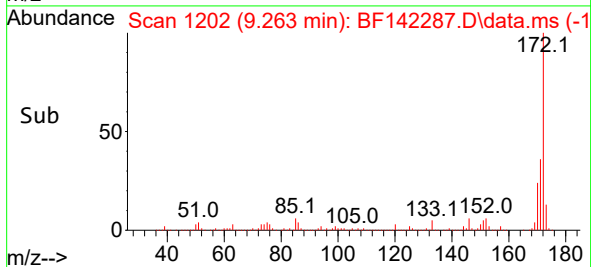
Tgt Ion:330 Resp: 567141
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 28.5 24.3 36.5

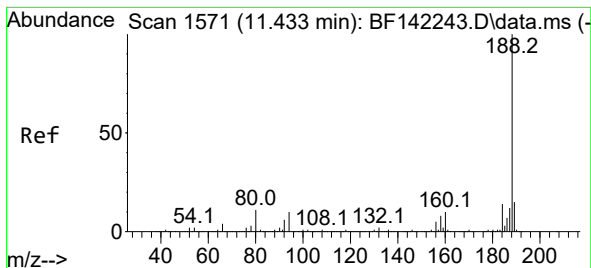


#45
2-Fluorobiphenyl
Concen: 77.825 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142287.D
Acq: 02 May 2025 18:16



Tgt Ion:172 Resp: 2258835
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

COMP-5

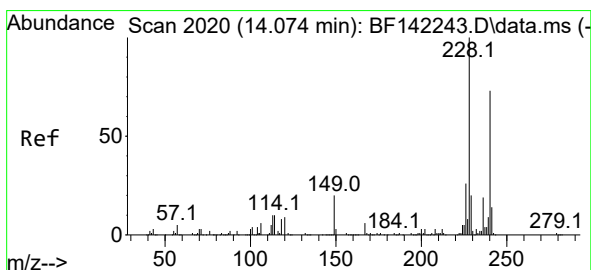
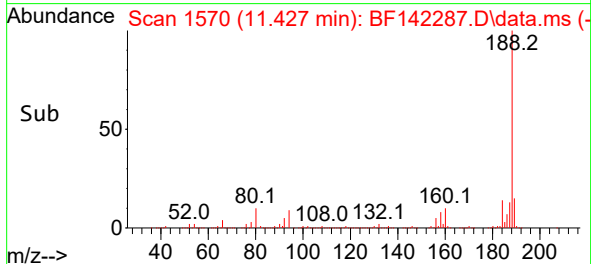
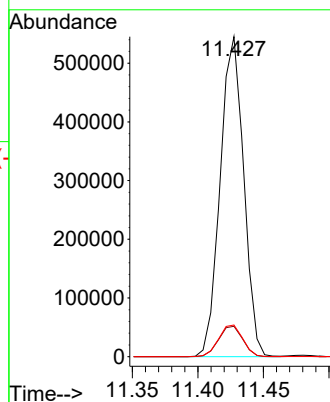
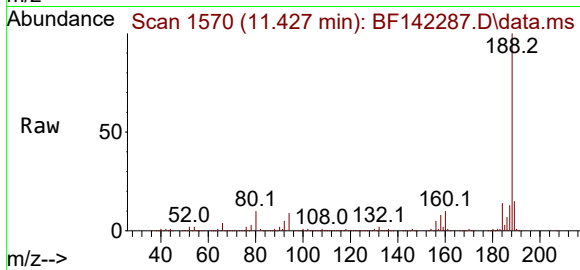
Tgt Ion:188 Resp: 678647

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 9.9 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: BF142287.D

Acq: 02 May 2025 18:16

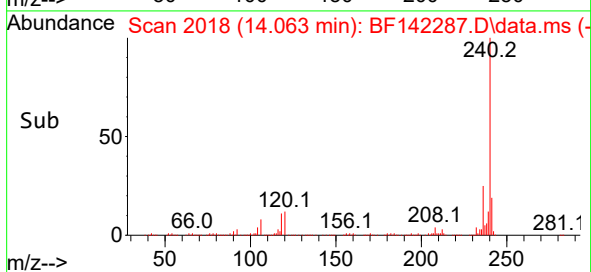
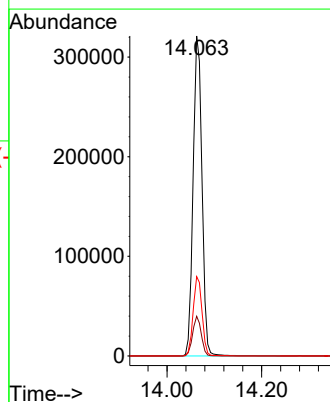
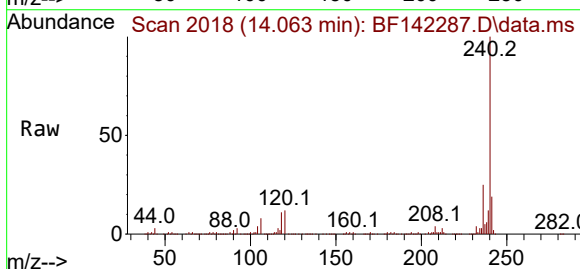
Tgt Ion:240 Resp: 416027

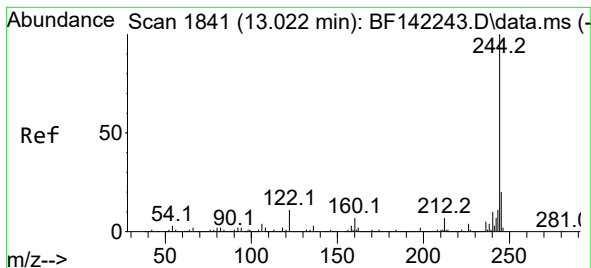
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 24.8 20.5 30.7





#79

Terphenyl-d14

Concen: 81.573 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

Instrument :

BNA_F

ClientSampleId :

COMP-5

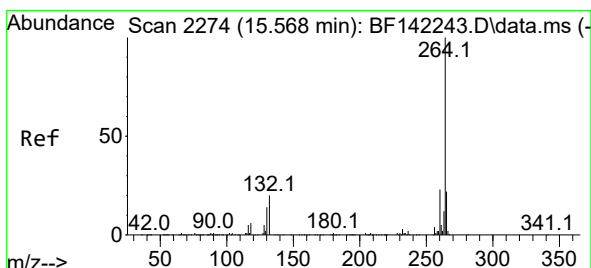
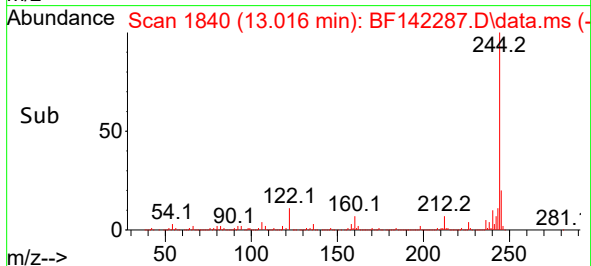
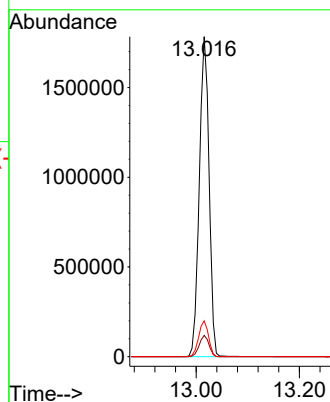
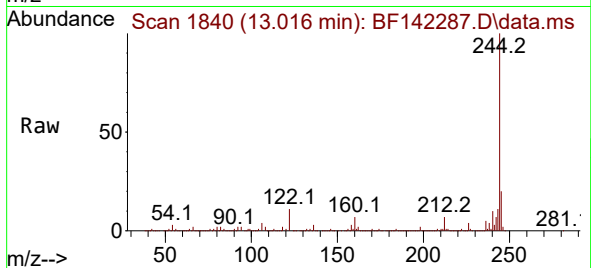
Tgt Ion:244 Resp: 2333374

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.2 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.018 min

Lab File: BF142287.D

Acq: 02 May 2025 18:16

Tgt Ion:264 Resp: 314765

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.4 17.3 25.9

