

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142289.D
 Acq On : 02 May 2025 19:15
 Operator : RC/JU
 Sample : Q1932-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Quant Time: May 02 22:49:09 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	193289	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	742945	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	381896	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	633714	20.000	ng	0.00
76) Chrysene-d12	14.063	240	384052	20.000	ng	-0.01
86) Perylene-d12	15.557	264	288995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1434167	118.499	ng	0.01
7) Phenol-d6	6.522	99	1626048	111.259	ng	0.00
23) Nitrobenzene-d5	7.463	82	1113647	98.478	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	527136	151.410	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2183272	80.607	ng	0.00
79) Terphenyl-d14	13.016	244	2238054	84.755	ng	0.00

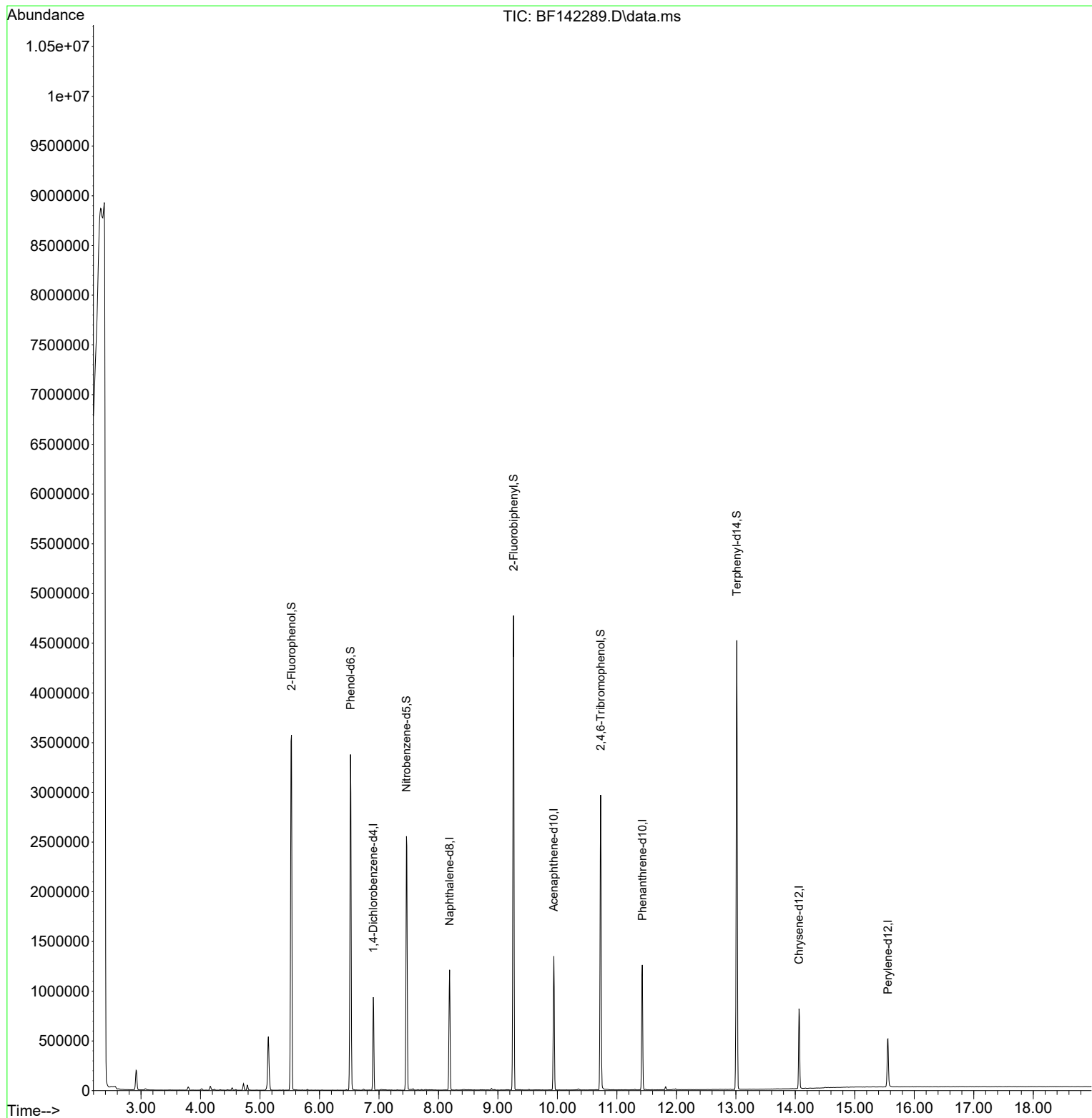
Target Compounds	Qvalue

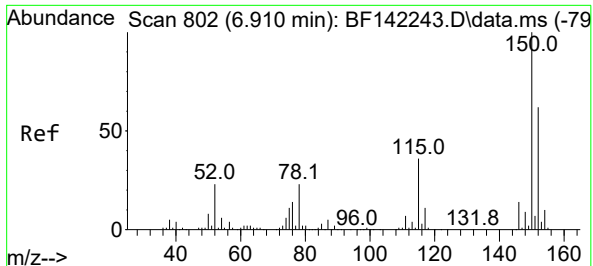
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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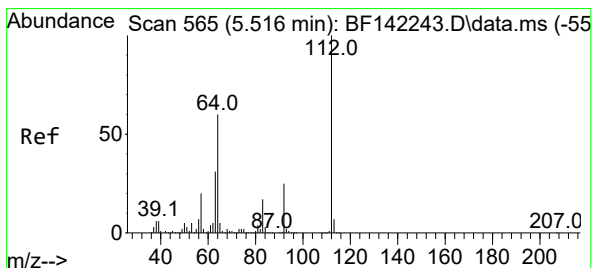
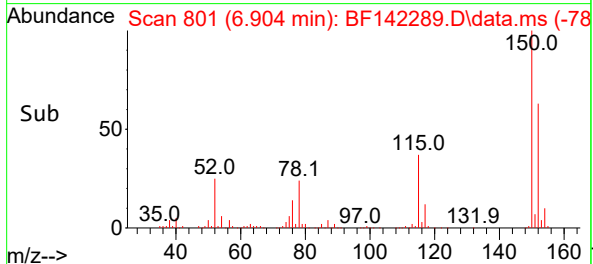
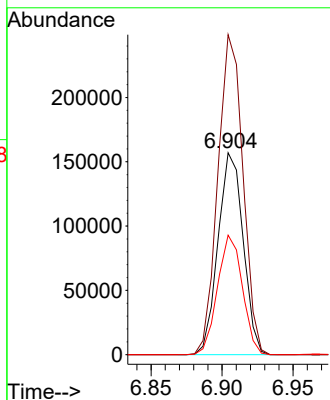
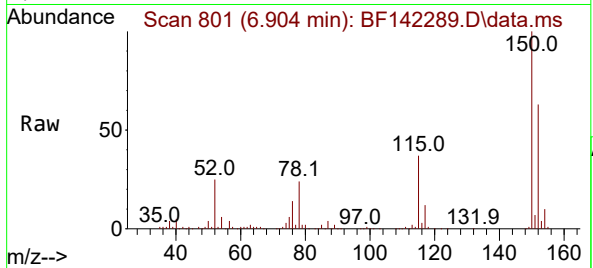




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

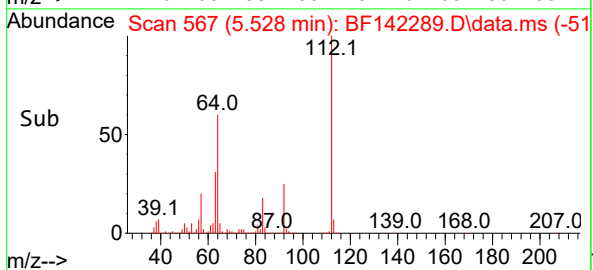
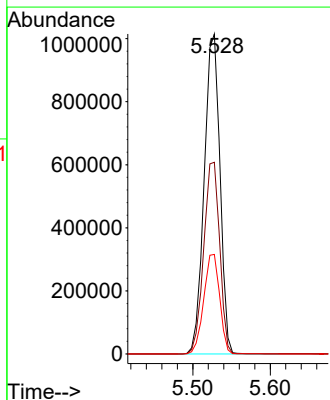
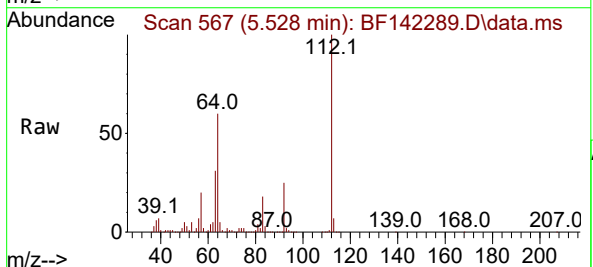
Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

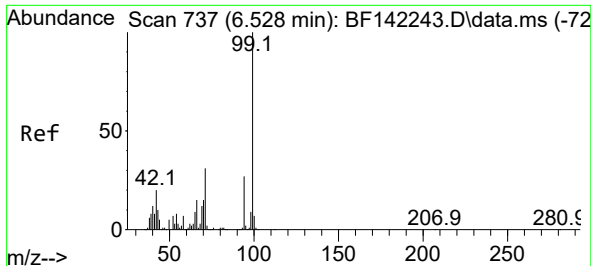
Tgt Ion:152 Resp: 193289
 Ion Ratio Lower Upper
 152 100
 150 158.5 130.2 195.2
 115 59.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 118.499 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

Tgt Ion:112 Resp: 1434167
 Ion Ratio Lower Upper
 112 100
 64 59.9 48.4 72.6
 63 31.1 24.8 37.2

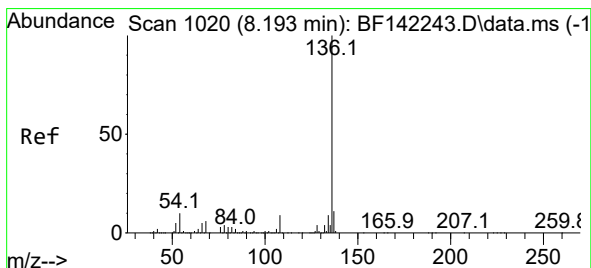
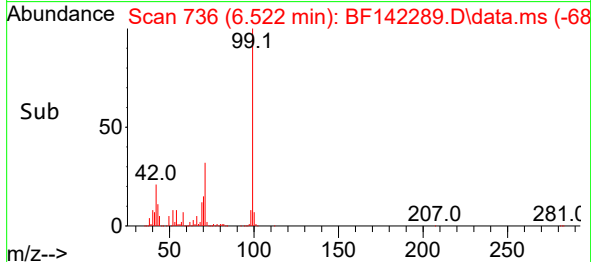
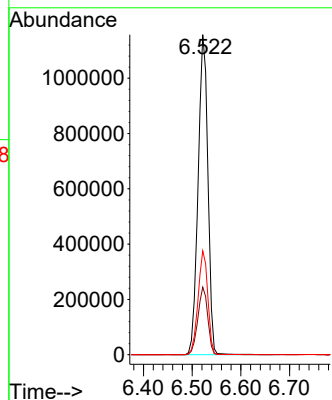
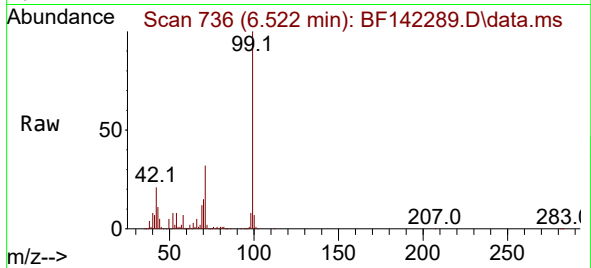




#7
Phenol-d6
Concen: 111.259 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

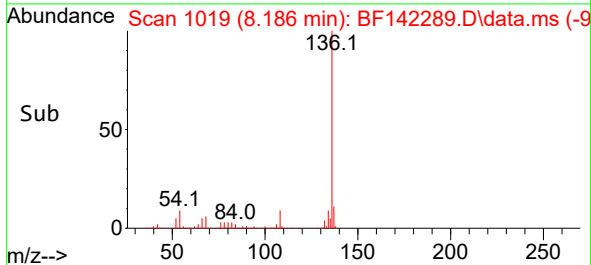
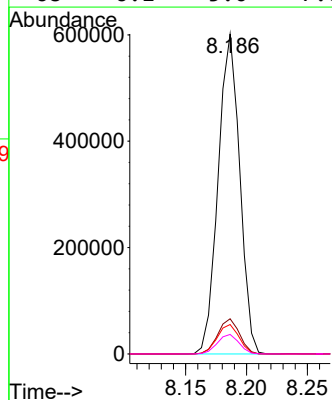
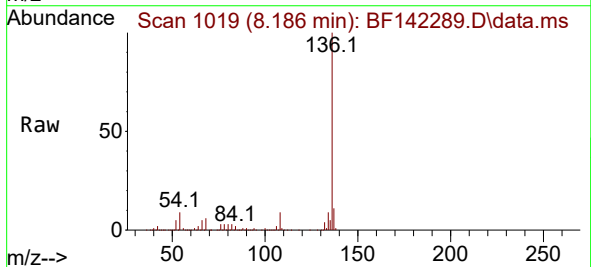
Instrument :
BNA_F
ClientSampleId :
COMP-7

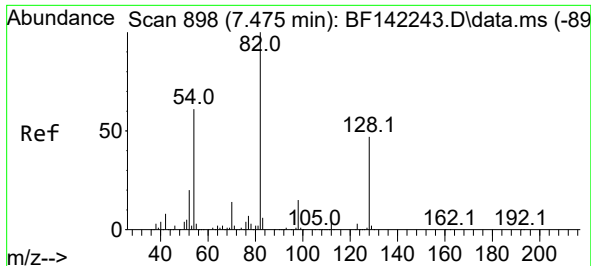
Tgt Ion: 99 Resp: 1626048
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion: 136 Resp: 742945
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.2 7.7 11.5
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 98.478 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142289.D

Acq: 02 May 2025 19:15

Instrument :

BNA_F

ClientSampleId :

COMP-7

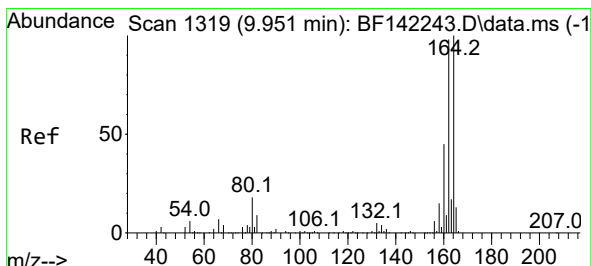
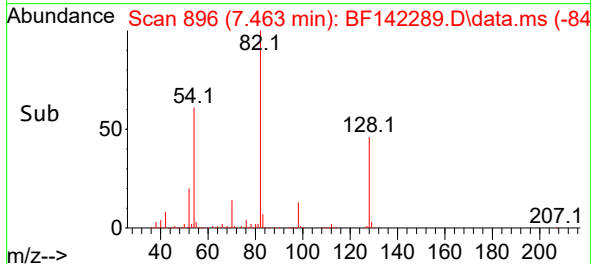
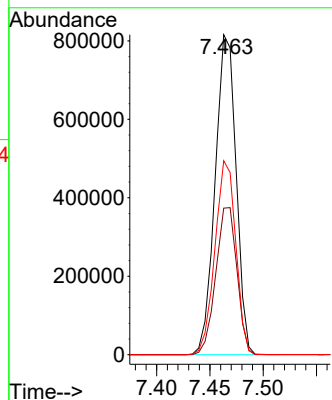
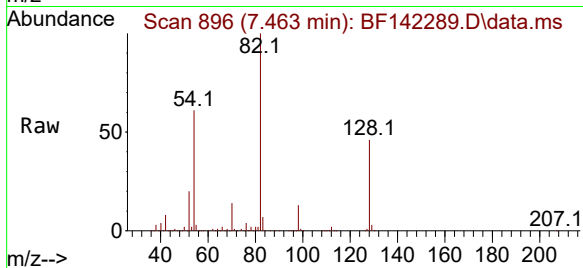
Tgt Ion: 82 Resp: 1113647

Ion Ratio Lower Upper

82 100

128 45.8 37.0 55.6

54 60.6 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: BF142289.D

Acq: 02 May 2025 19:15

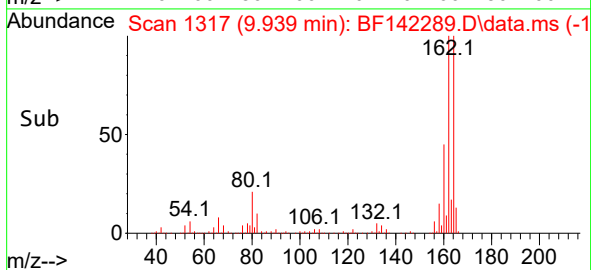
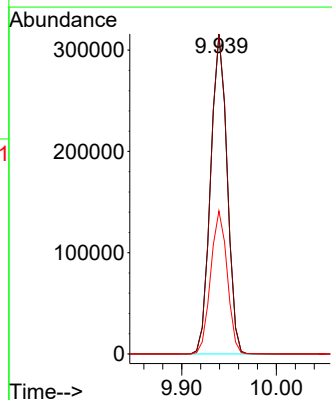
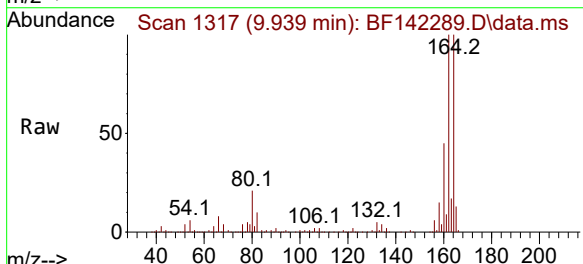
Tgt Ion:164 Resp: 381896

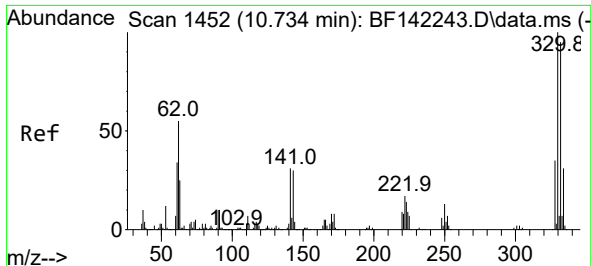
Ion Ratio Lower Upper

164 100

162 100.2 78.6 117.8

160 44.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 151.410 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142289.D

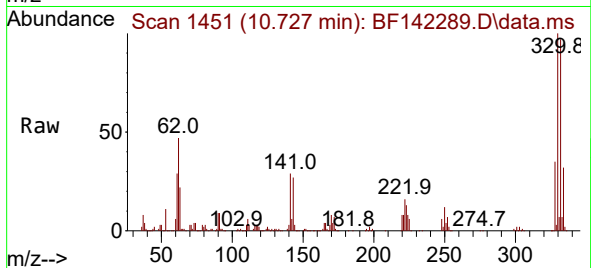
Acq: 02 May 2025 19:15

Instrument :

BNA_F

ClientSampleId :

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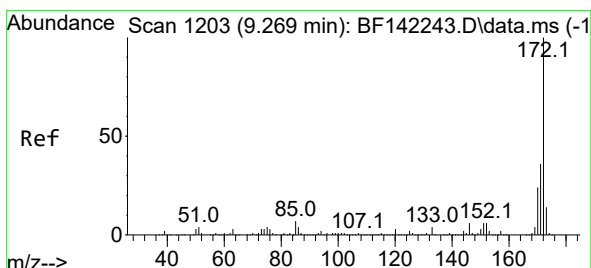
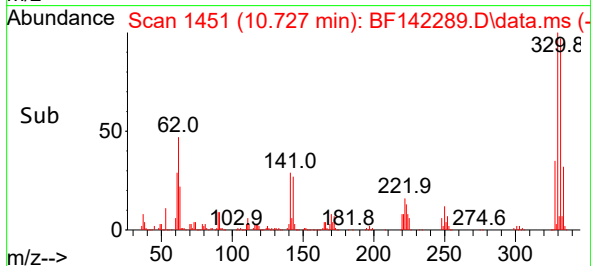
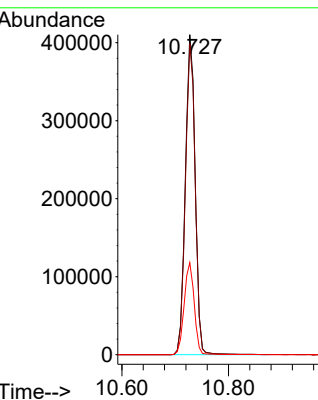
Tgt Ion:330 Resp: 527136

Ion Ratio Lower Upper

330 100

332 97.1 76.5 114.7

141 29.5 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 80.607 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142289.D

Acq: 02 May 2025 19:15

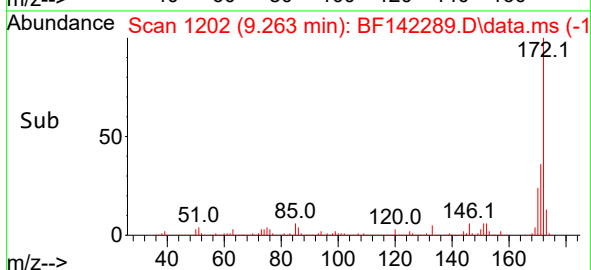
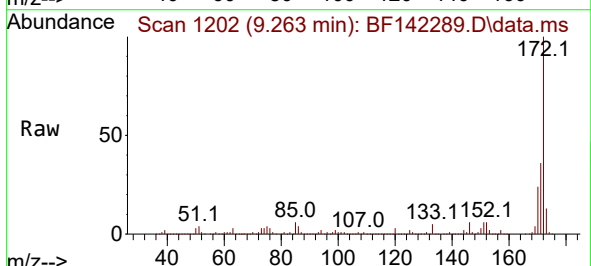
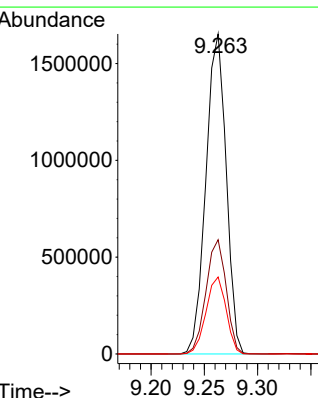
Tgt Ion:172 Resp: 2183272

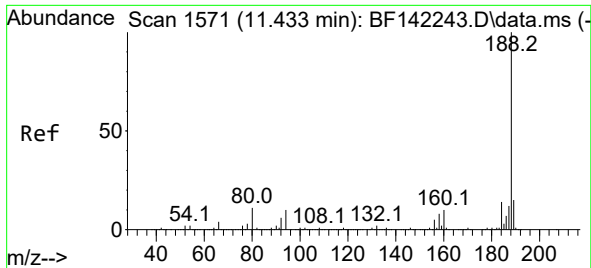
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 24.1 19.4 29.0

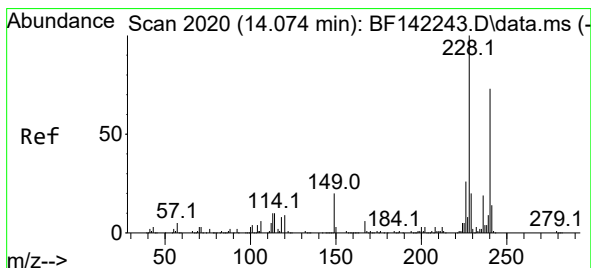
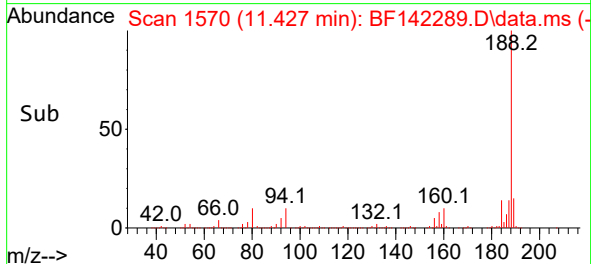
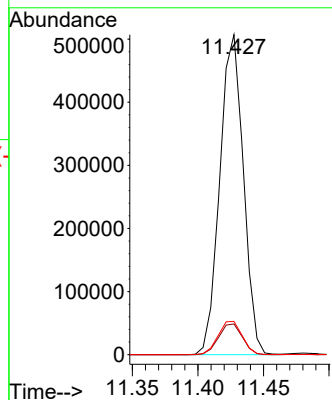
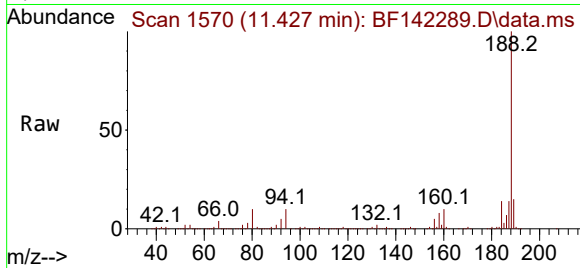




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

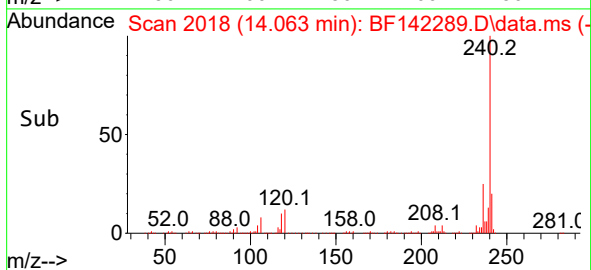
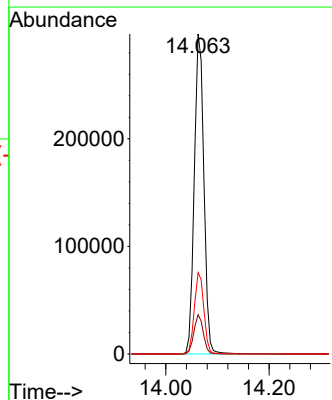
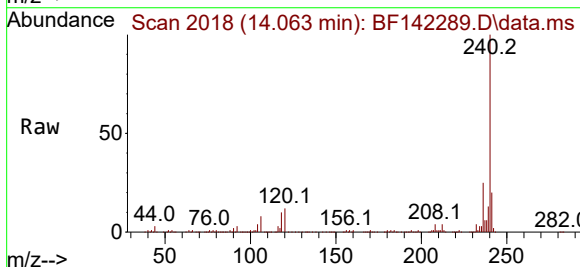
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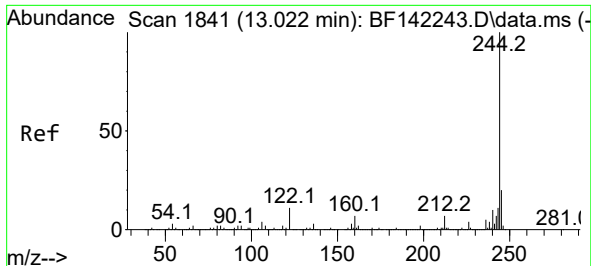
Tgt Ion:188 Resp: 633714
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion:240 Resp: 384052
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 25.4 20.5 30.7

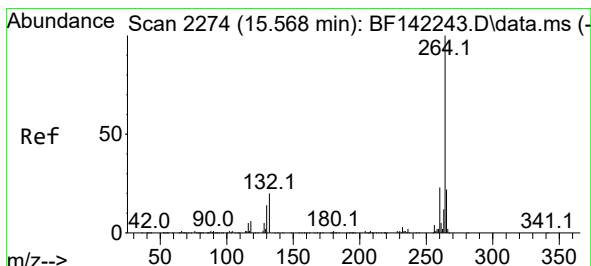
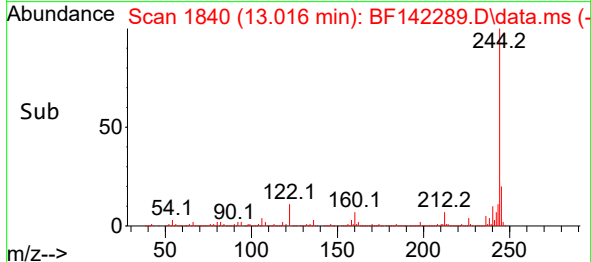
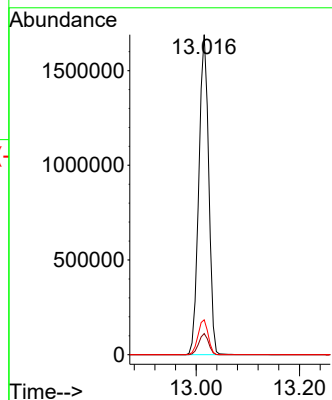
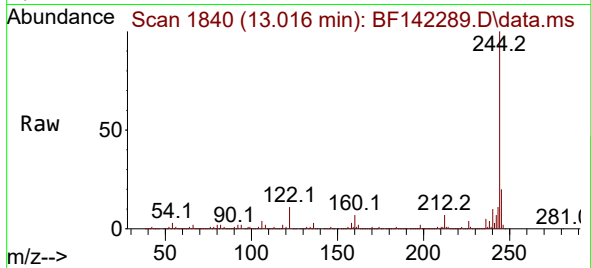




#79
 Terphenyl-d14
 Concen: 84.755 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Tgt Ion:244 Resp: 2238054
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.9 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: BF142289.D
 Acq: 02 May 2025 19:15

Tgt Ion:264 Resp: 288995
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.7 17.3 25.9

