

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142315.D
 Acq On : 12 May 2025 12:48
 Operator : RC/JU
 Sample : Q1986-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-9

Quant Time: May 12 13:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	200575	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	755979	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	420653	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	736874	20.000	ng	0.00
76) Chrysene-d12	14.062	240	433568	20.000	ng	0.00
86) Perylene-d12	15.556	264	350728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1342599	114.267	ng	0.02
7) Phenol-d6	6.522	99	1547016	107.052	ng	0.00
23) Nitrobenzene-d5	7.463	82	1035710	83.554	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	532986	131.234	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2138685	72.494	ng	0.00
79) Terphenyl-d14	13.015	244	2193044	74.866	ng	0.00

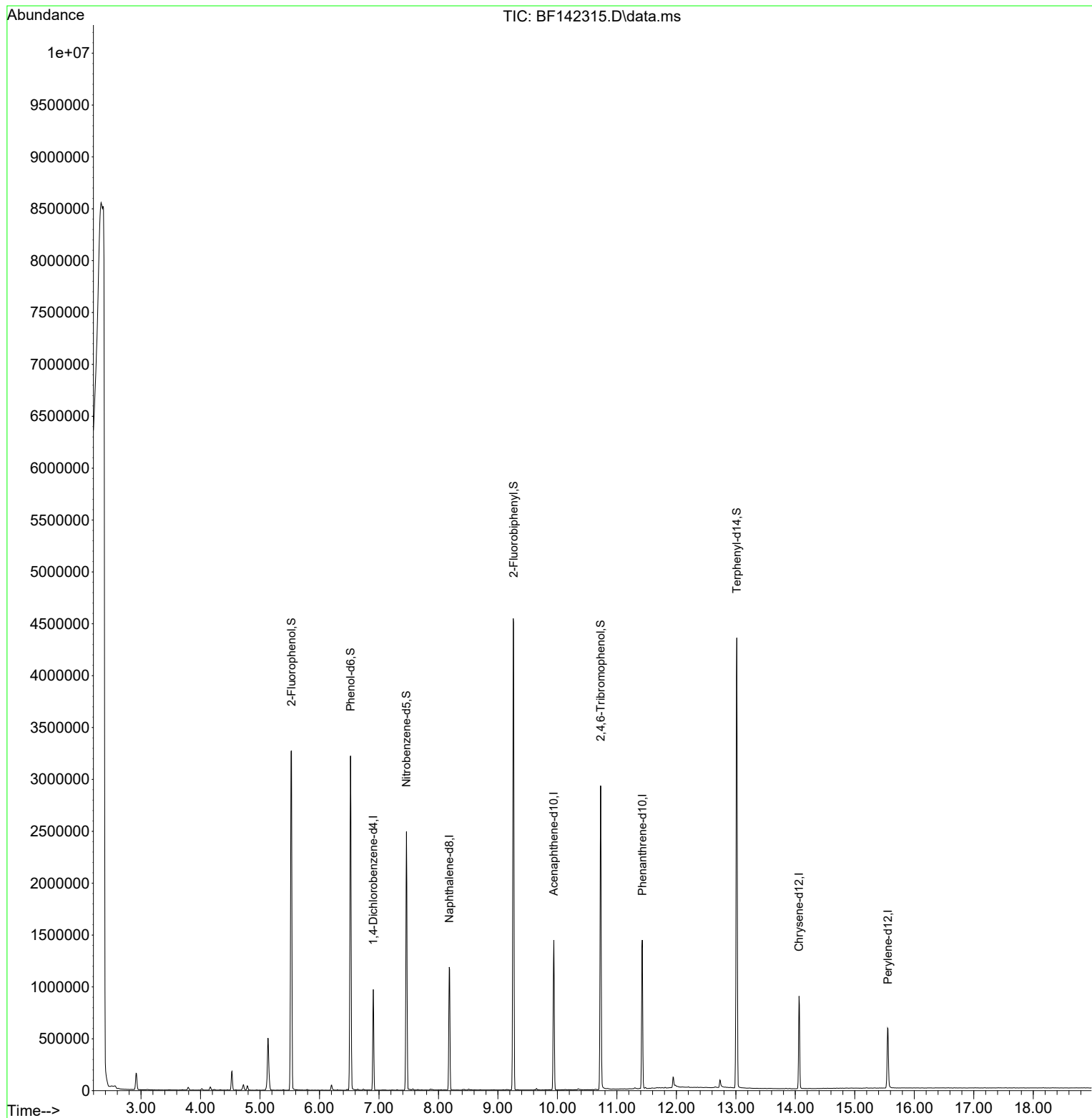
Target Compounds	Qvalue

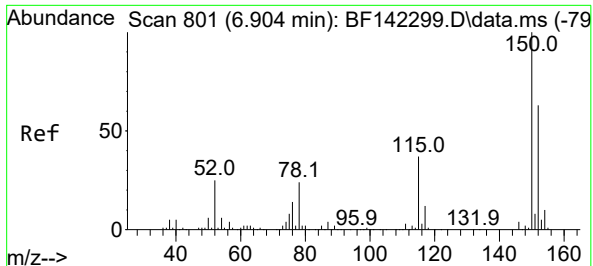
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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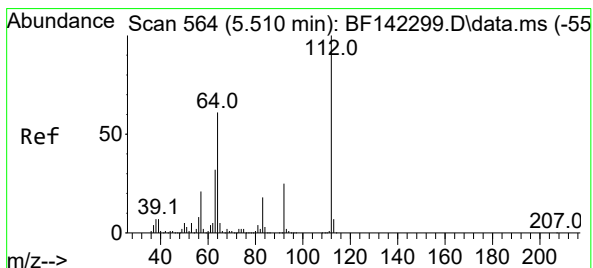
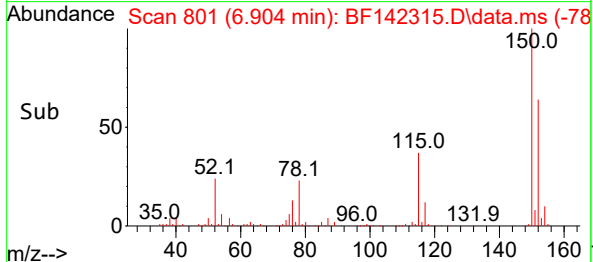
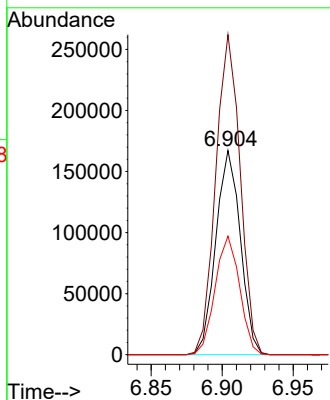
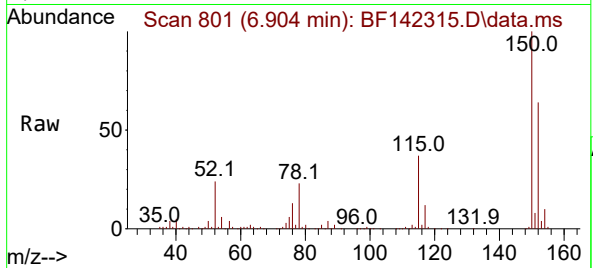




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

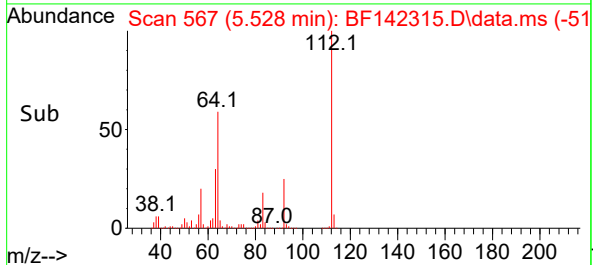
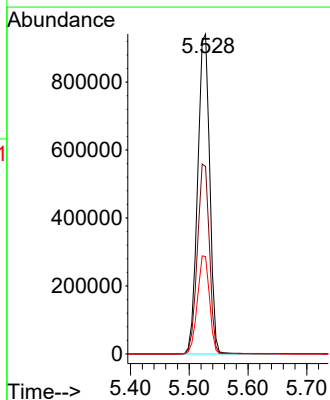
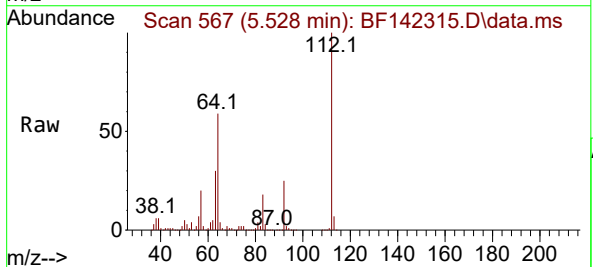
Instrument :
BNA_F
ClientSampleId :
COMP-9

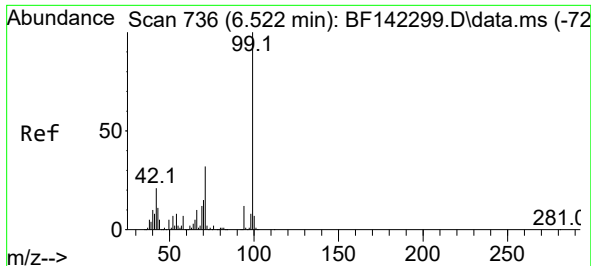
Tgt Ion:152 Resp: 200575
Ion Ratio Lower Upper
152 100
150 156.8 126.6 190.0
115 58.1 47.3 70.9



#5
2-Fluorophenol
Concen: 114.267 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.017 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

Tgt Ion:112 Resp: 1342599
Ion Ratio Lower Upper
112 100
64 58.6 48.9 73.3
63 30.4 25.6 38.4

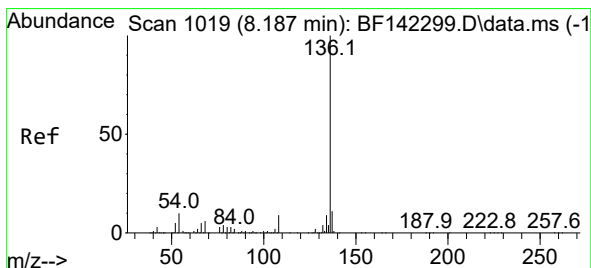
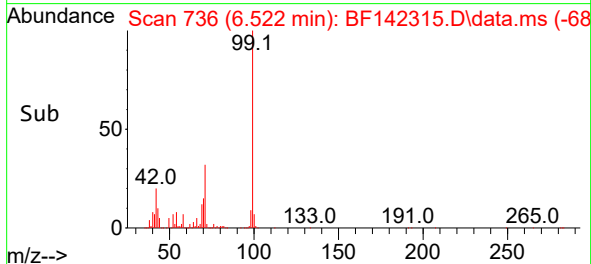
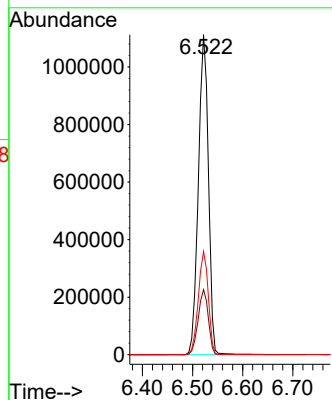
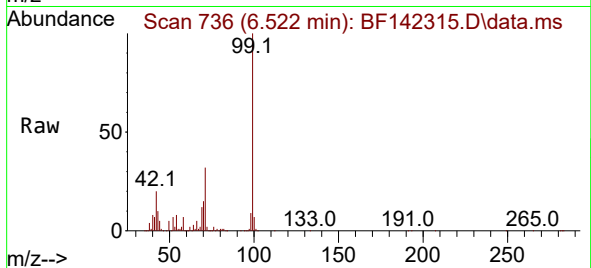




#7
Phenol-d6
Concen: 107.052 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

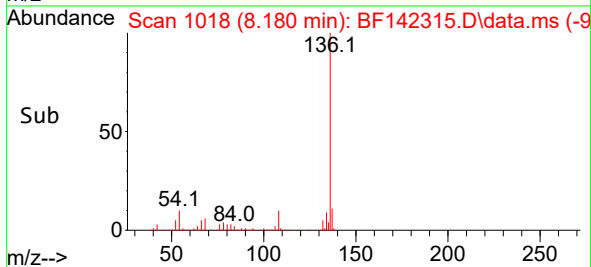
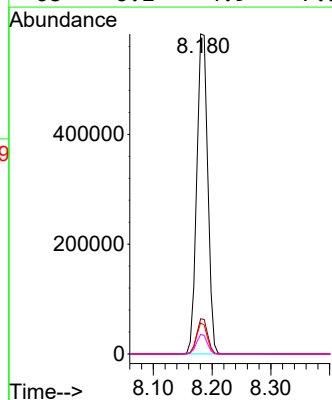
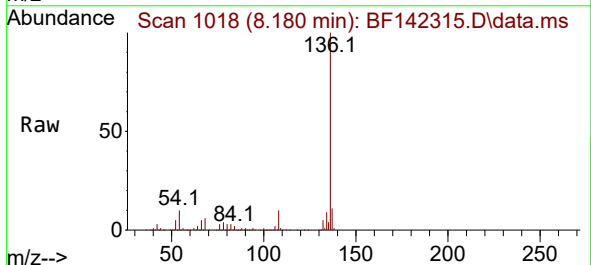
Instrument :
BNA_F
ClientSampleId :
COMP-9

Tgt Ion: 99 Resp: 1547016
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 32.3 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

Tgt Ion: 136 Resp: 755979
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 7.7 11.5
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.554 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142315.D

Acq: 12 May 2025 12:48

Instrument :

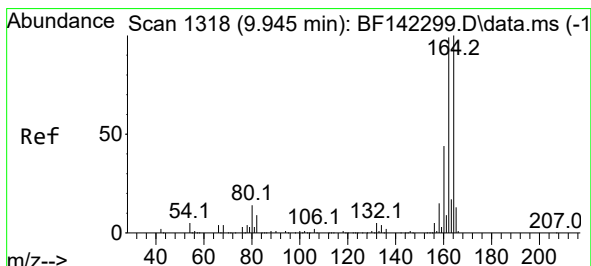
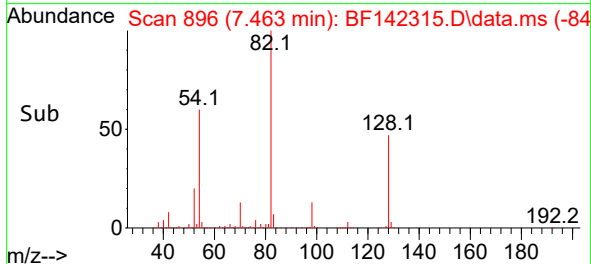
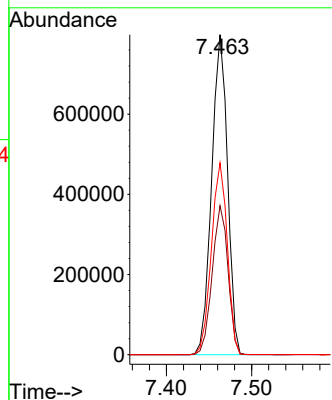
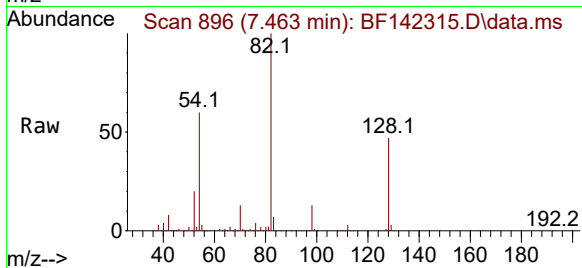
BNA_F

ClientSampleId :

COMP-9

Tgt Ion: 82 Resp: 1035710

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.6
54	59.9	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

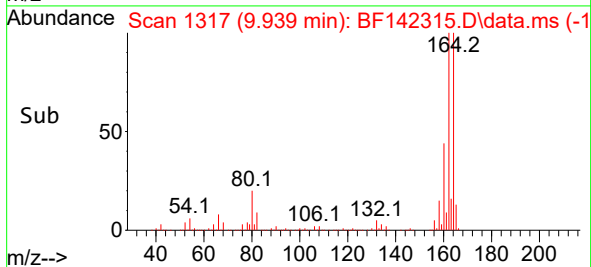
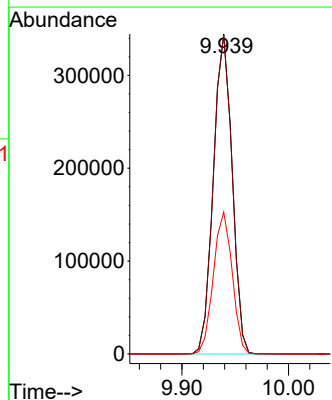
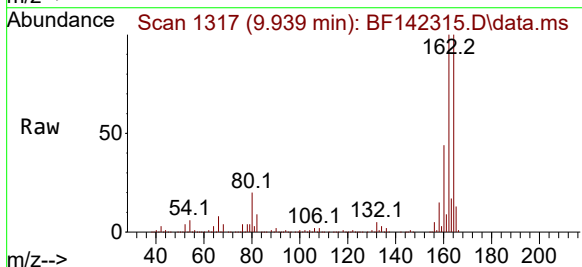
Delta R.T. -0.006 min

Lab File: BF142315.D

Acq: 12 May 2025 12:48

Tgt Ion:164 Resp: 420653

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.2	118.8
160	44.3	35.3	52.9

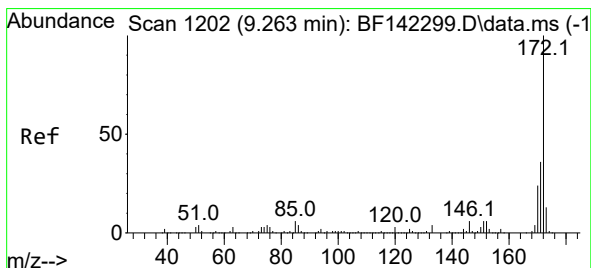
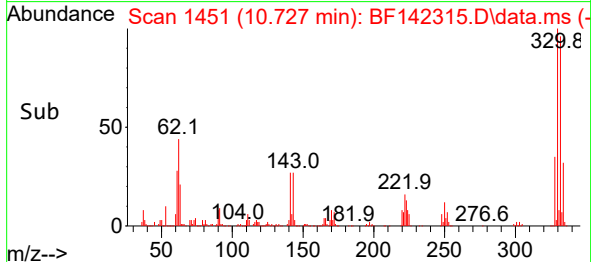
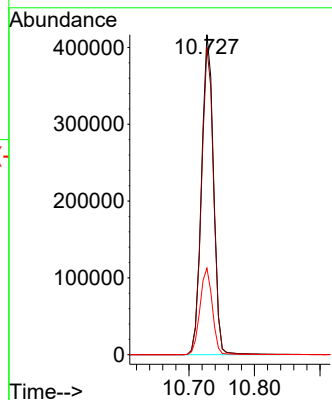
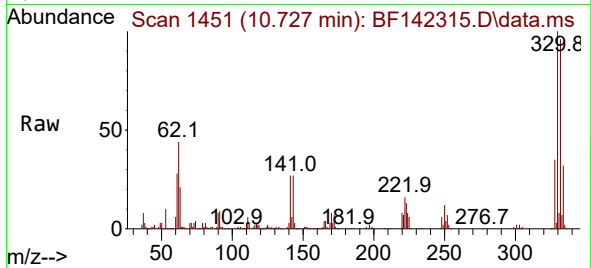




#42
2,4,6-Tribromophenol
Concen: 131.234 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

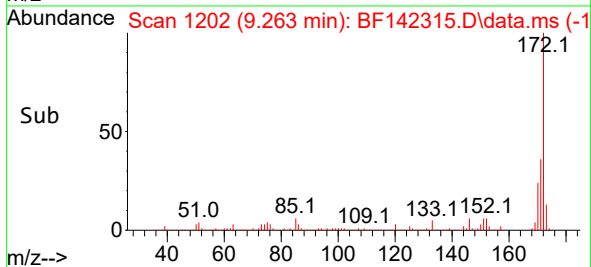
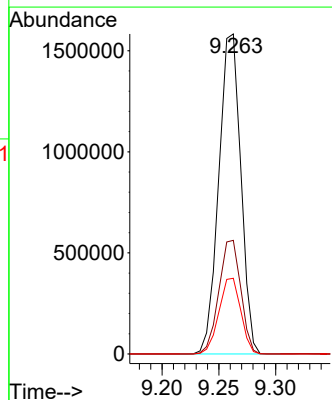
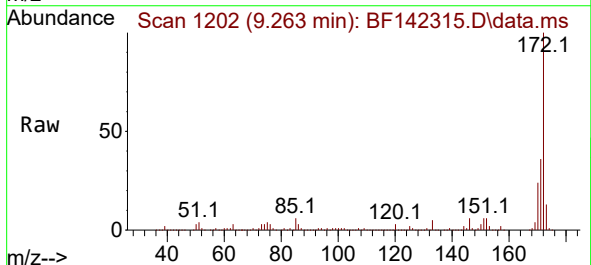
Instrument :
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ClientSampleId :
COMP-9

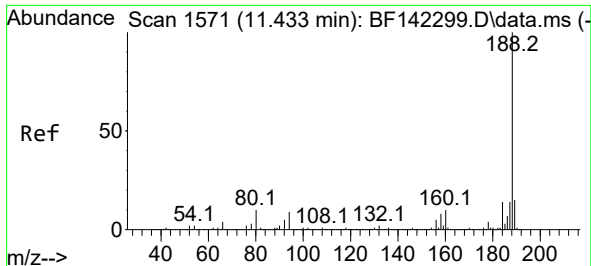
Tgt Ion:330 Resp: 532986
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 27.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 72.494 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

Tgt Ion:172 Resp: 2138685
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.6 19.0 28.4

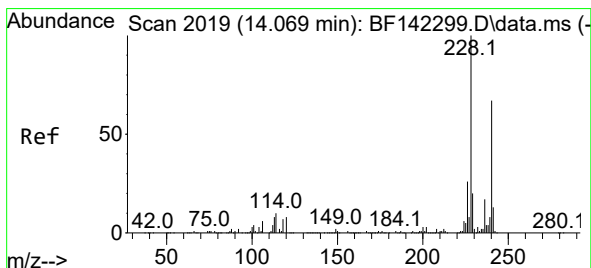
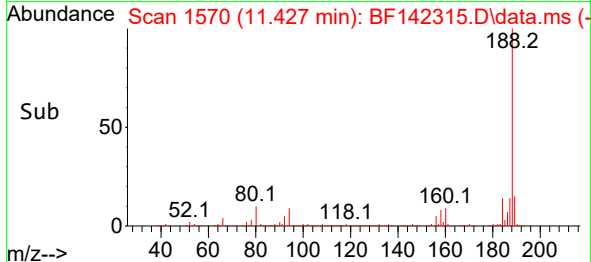
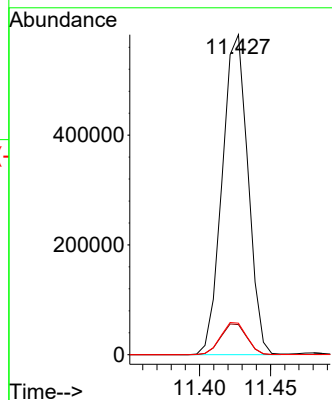
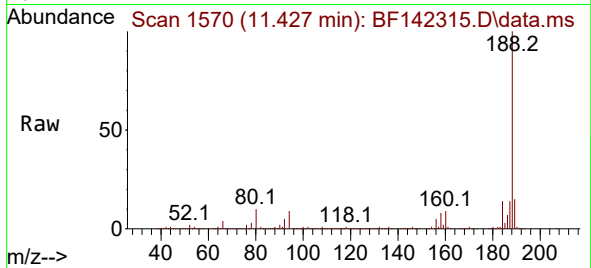




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

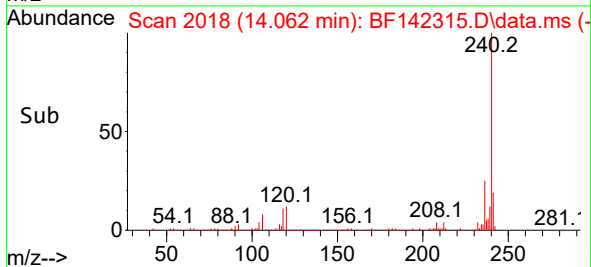
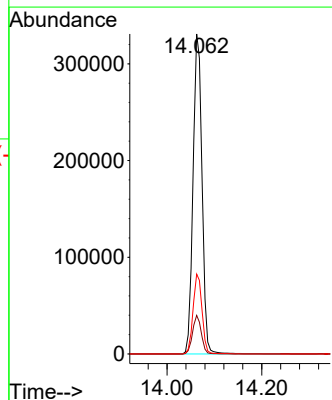
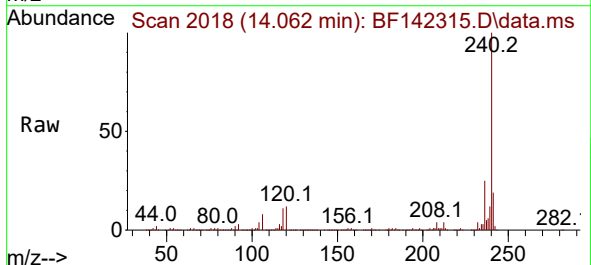
Instrument :
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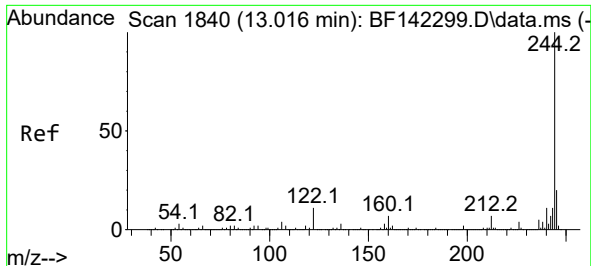
Tgt Ion:188 Resp: 736874
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142315.D
Acq: 12 May 2025 12:48

Tgt Ion:240 Resp: 433568
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 24.9 20.0 30.0

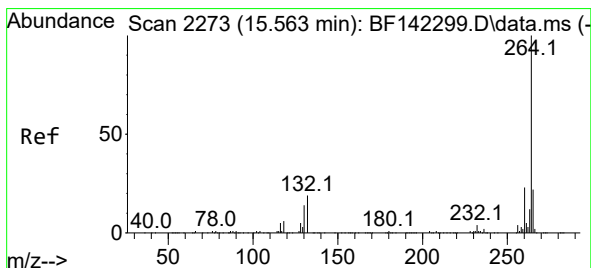
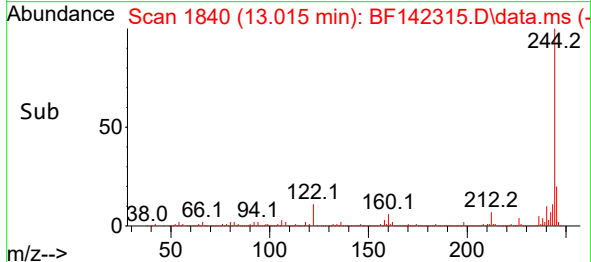
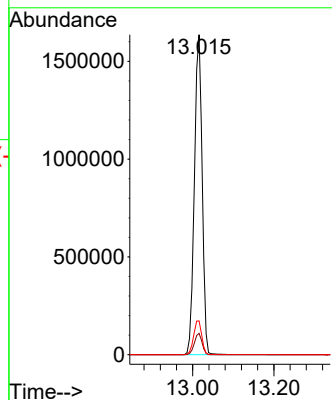
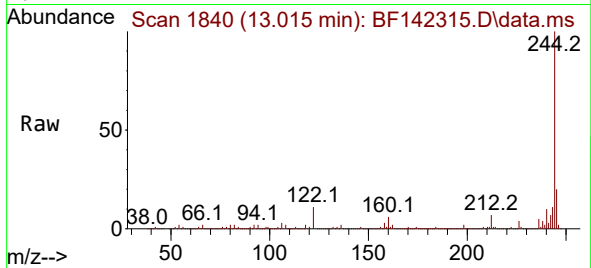




#79
 Terphenyl-d14
 Concen: 74.866 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142315.D
 Acq: 12 May 2025 12:48

Instrument :
 BNA_F
 ClientSampleId :
 COMP-9

Tgt Ion:244 Resp: 2193044
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142315.D
 Acq: 12 May 2025 12:48

Tgt Ion:264 Resp: 350728
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.2 17.5 26.3

