

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142317.D
 Acq On : 12 May 2025 13:46
 Operator : RC/JU
 Sample : Q1986-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

Quant Time: May 12 14:10:38 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	203246	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	766000	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	364537	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	700197	20.000	ng	0.00
76) Chrysene-d12	14.063	240	354541	20.000	ng	0.00
86) Perylene-d12	15.551	264	69424	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1176014	98.774	ng	0.01
7) Phenol-d6	6.522	99	1221433	83.411	ng	0.00
23) Nitrobenzene-d5	7.463	82	911040	72.535	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	478280	135.893	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1949519	76.255	ng	0.00
79) Terphenyl-d14	13.016	244	1942535	81.095	ng	0.00

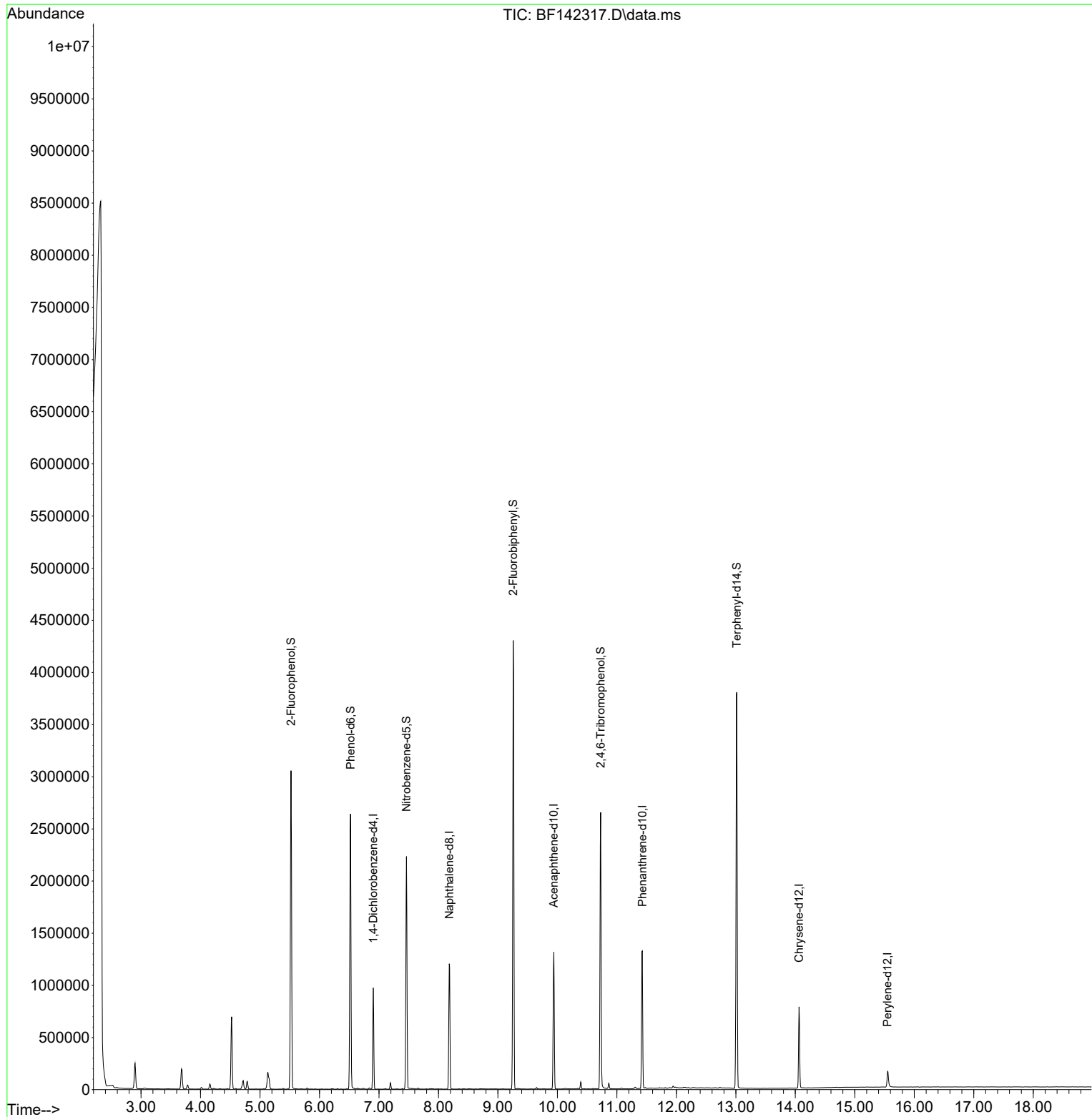
Target Compounds	Qvalue

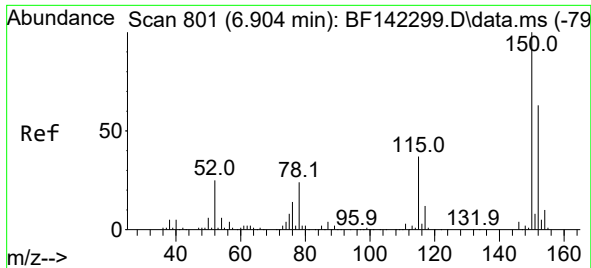
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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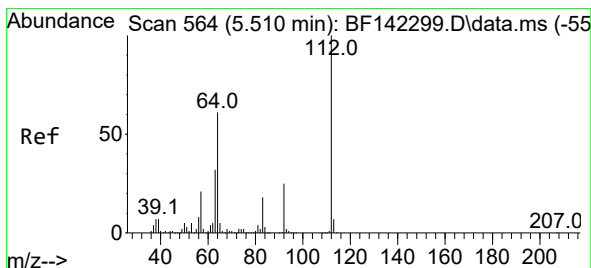
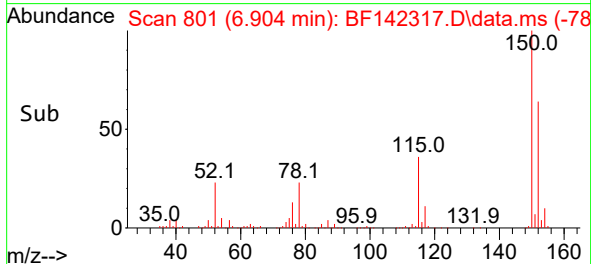
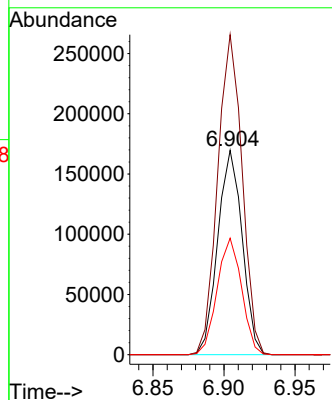
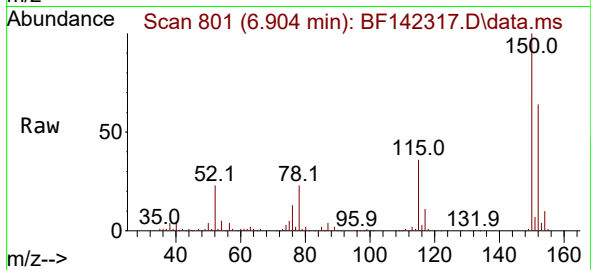




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

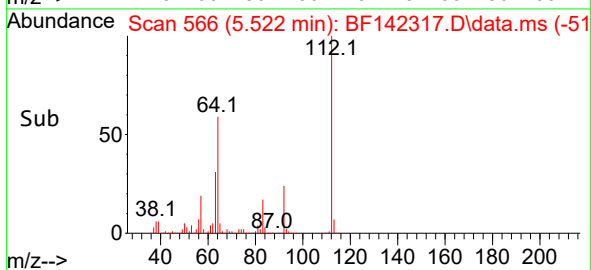
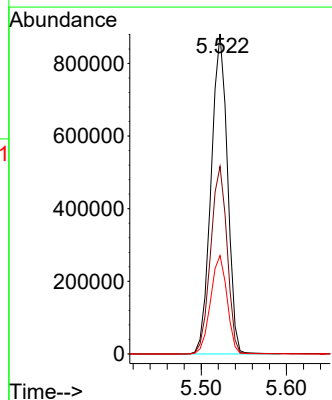
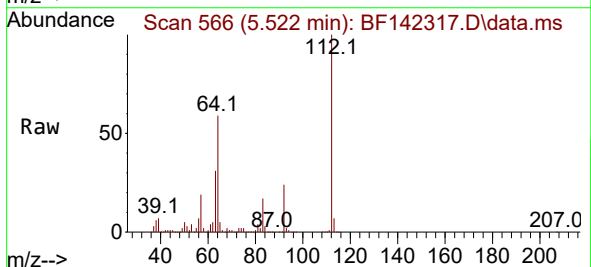
Instrument :
BNA_F
ClientSampleId :
COMP-11

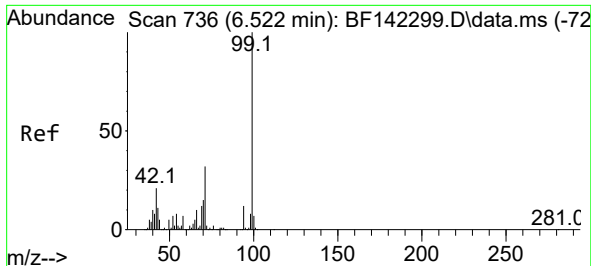
Tgt Ion:152 Resp: 203246
Ion Ratio Lower Upper
152 100
150 156.6 126.6 190.0
115 57.0 47.3 70.9



#5
2-Fluorophenol
Concen: 98.774 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:112 Resp: 1176014
Ion Ratio Lower Upper
112 100
64 58.6 48.9 73.3
63 30.7 25.6 38.4

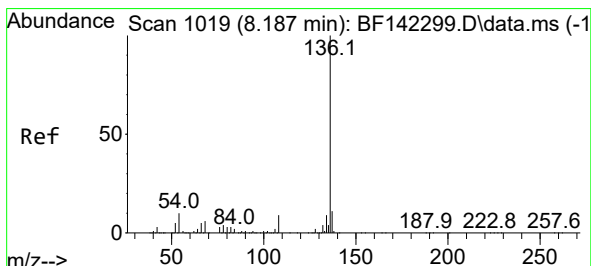
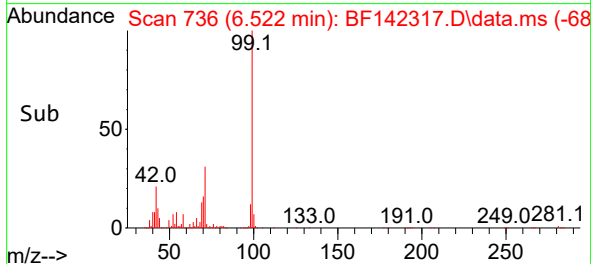
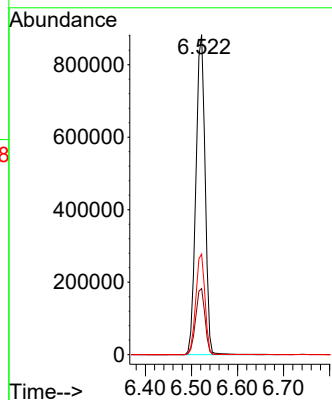
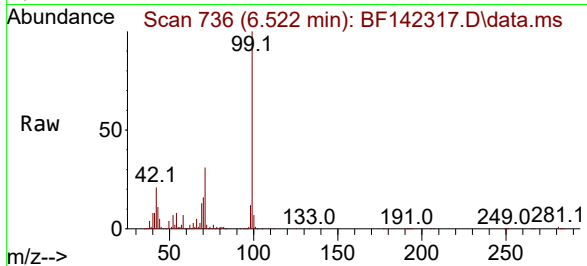




#7
Phenol-d6
Concen: 83.411 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

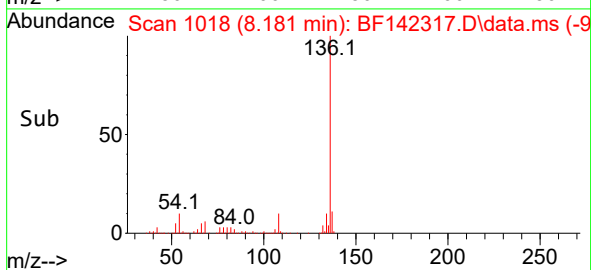
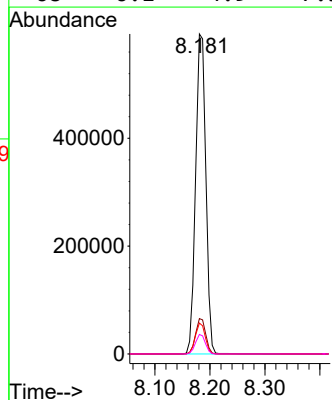
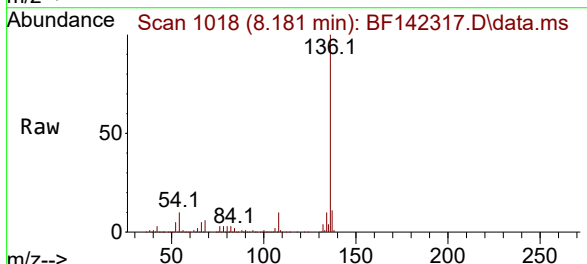
Instrument :
BNA_F
ClientSampleId :
COMP-11

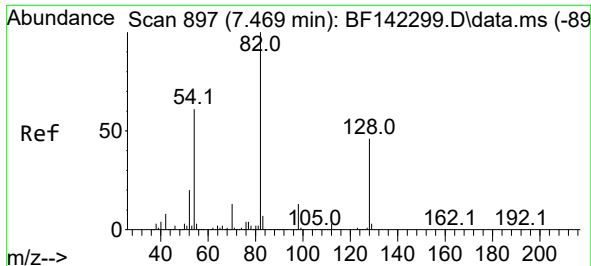
Tgt Ion: 99 Resp: 1221433
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 31.4 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion: 136 Resp: 766000
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 7.7 11.5
68 6.1 4.9 7.3

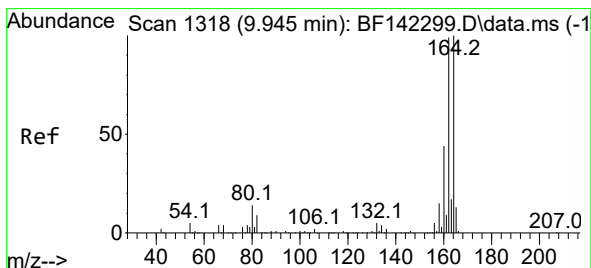
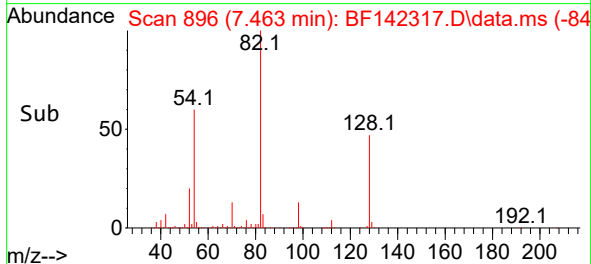
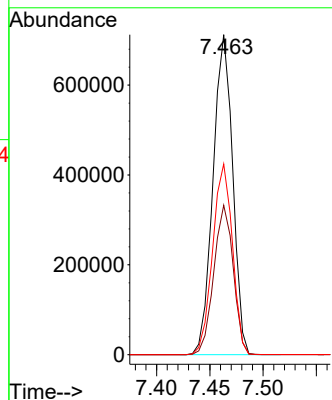
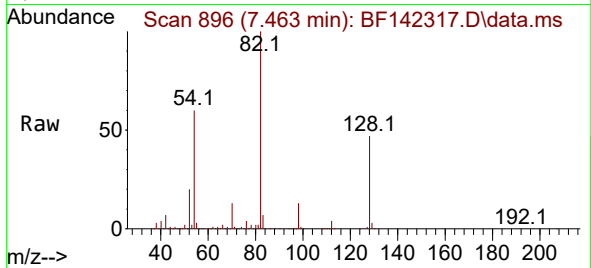




#23
Nitrobenzene-d5
Concen: 72.535 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

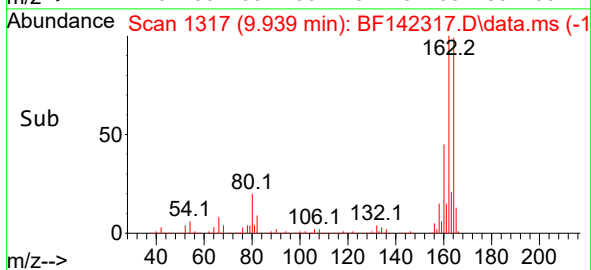
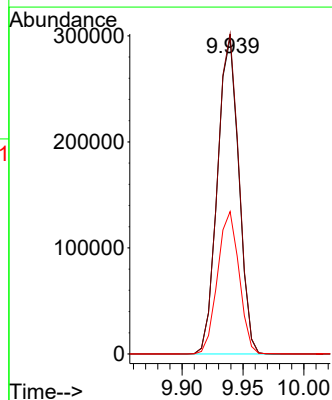
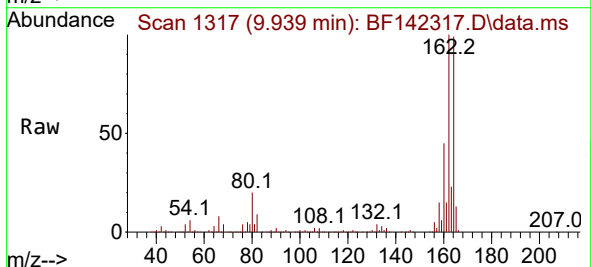
Instrument :
BNA_F
ClientSampleId :
COMP-11

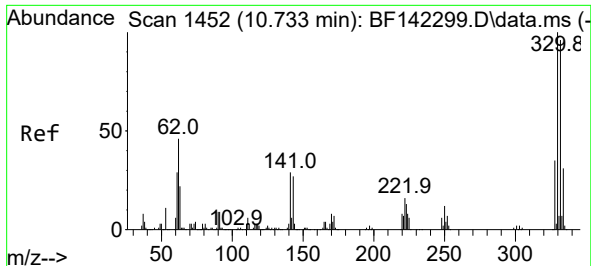
Tgt Ion: 82 Resp: 911040
Ion Ratio Lower Upper
82 100
128 46.7 37.0 55.6
54 59.6 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:164 Resp: 364537
Ion Ratio Lower Upper
164 100
162 101.3 79.2 118.8
160 45.1 35.3 52.9

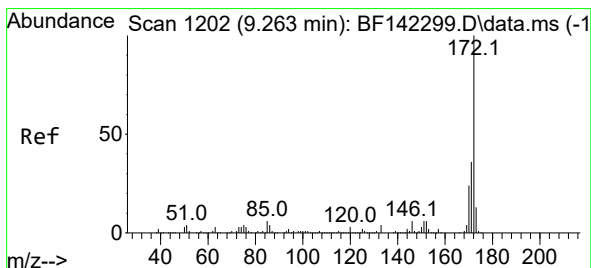
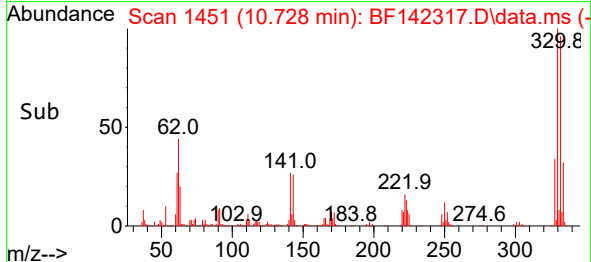
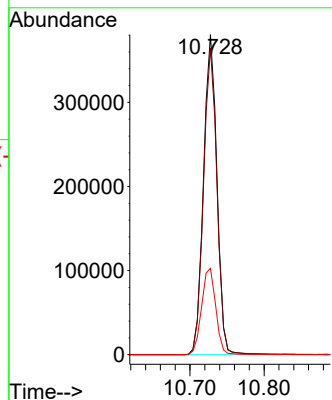
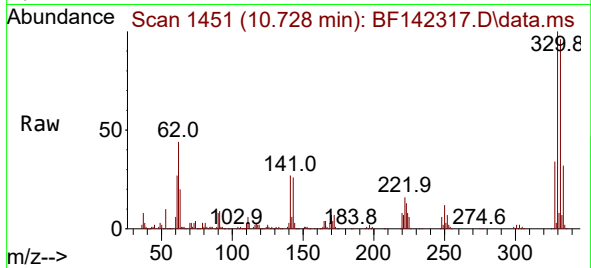




#42
2,4,6-Tribromophenol
Concen: 135.893 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

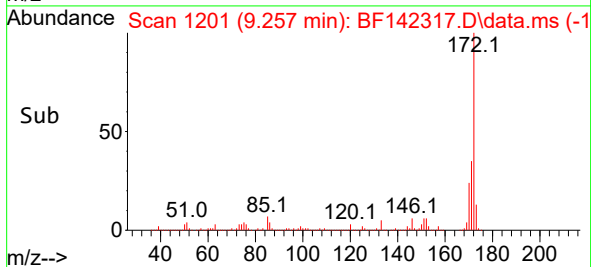
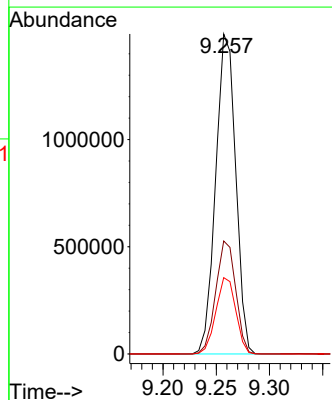
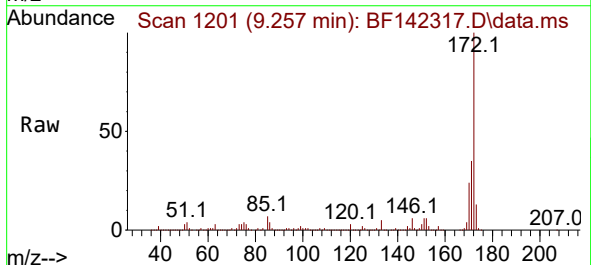
Instrument :
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ClientSampleId :
COMP-11

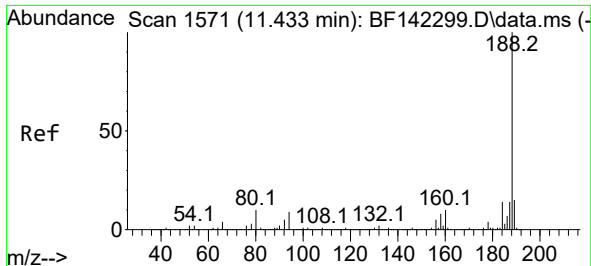
Tgt Ion:330 Resp: 478280
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 28.6 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 76.255 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:172 Resp: 1949519
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.0 28.4

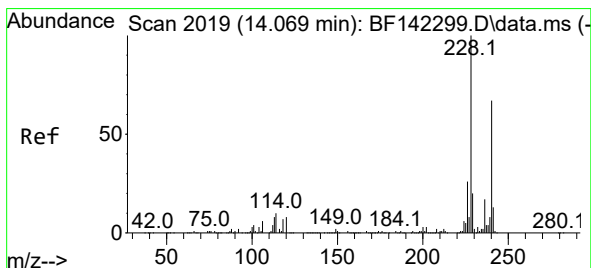
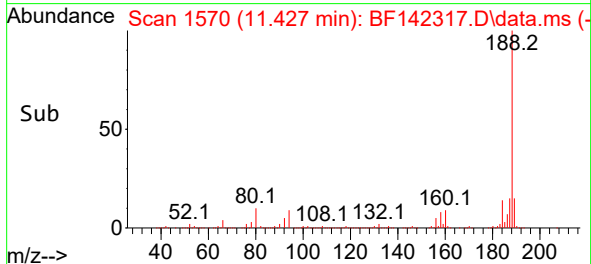
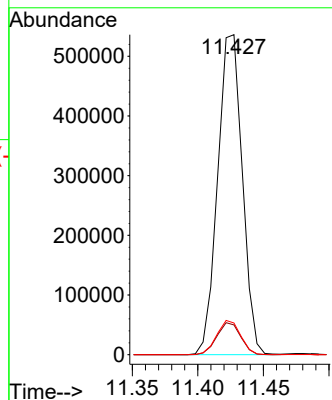
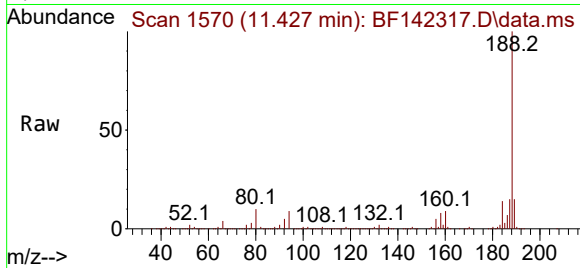




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

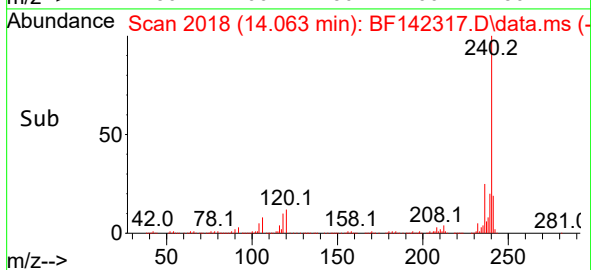
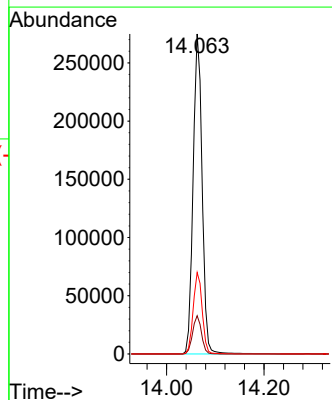
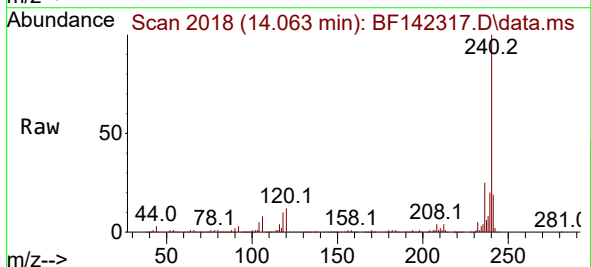
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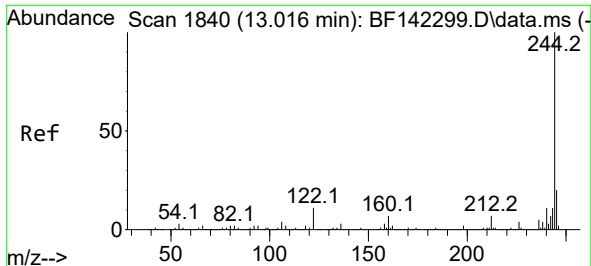
Tgt Ion:188 Resp: 700197
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142317.D
Acq: 12 May 2025 13:46

Tgt Ion:240 Resp: 354541
Ion Ratio Lower Upper
240 100
120 12.0 9.7 14.5
236 25.4 20.0 30.0

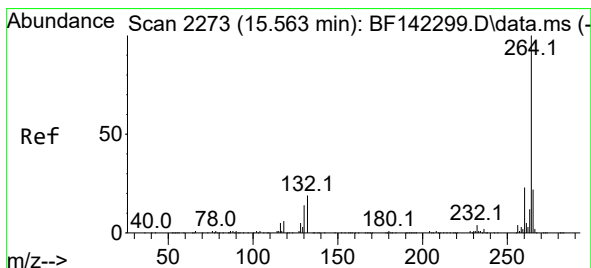
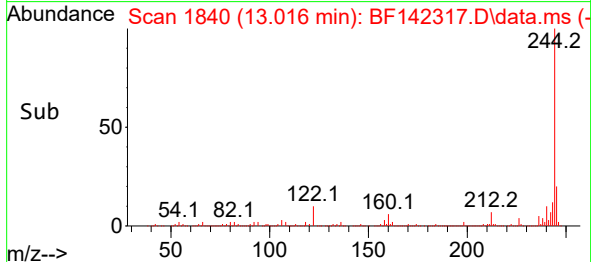
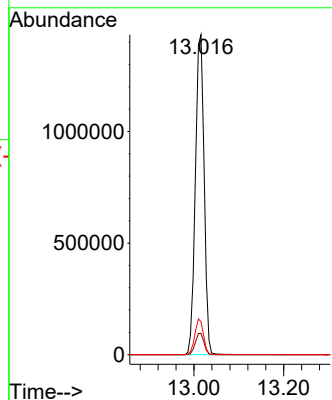
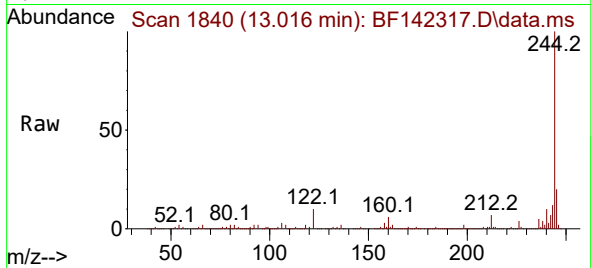




#79
 Terphenyl-d14
 Concen: 81.095 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142317.D
 Acq: 12 May 2025 13:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

Tgt Ion:244 Resp: 1942535
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142317.D
 Acq: 12 May 2025 13:46

Tgt Ion:264 Resp: 69424
 Ion Ratio Lower Upper
 264 100
 260 28.4 18.6 27.8#
 265 20.9 17.5 26.3

