

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142325.D
 Acq On : 12 May 2025 17:39
 Operator : RC/JU
 Sample : Q2007-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-10

Quant Time: May 12 18:49:05 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	211603	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	789721	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	430905	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	728357	20.000	ng	0.00
76) Chrysene-d12	14.063	240	430381	20.000	ng	0.00
86) Perylene-d12	15.557	264	329833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1461983	117.943	ng	0.02
7) Phenol-d6	6.522	99	1687102	110.661	ng	0.00
23) Nitrobenzene-d5	7.463	82	1055832	81.538	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	550540	132.332	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2096578	69.376	ng	0.00
79) Terphenyl-d14	13.016	244	2125855	73.109	ng	0.00

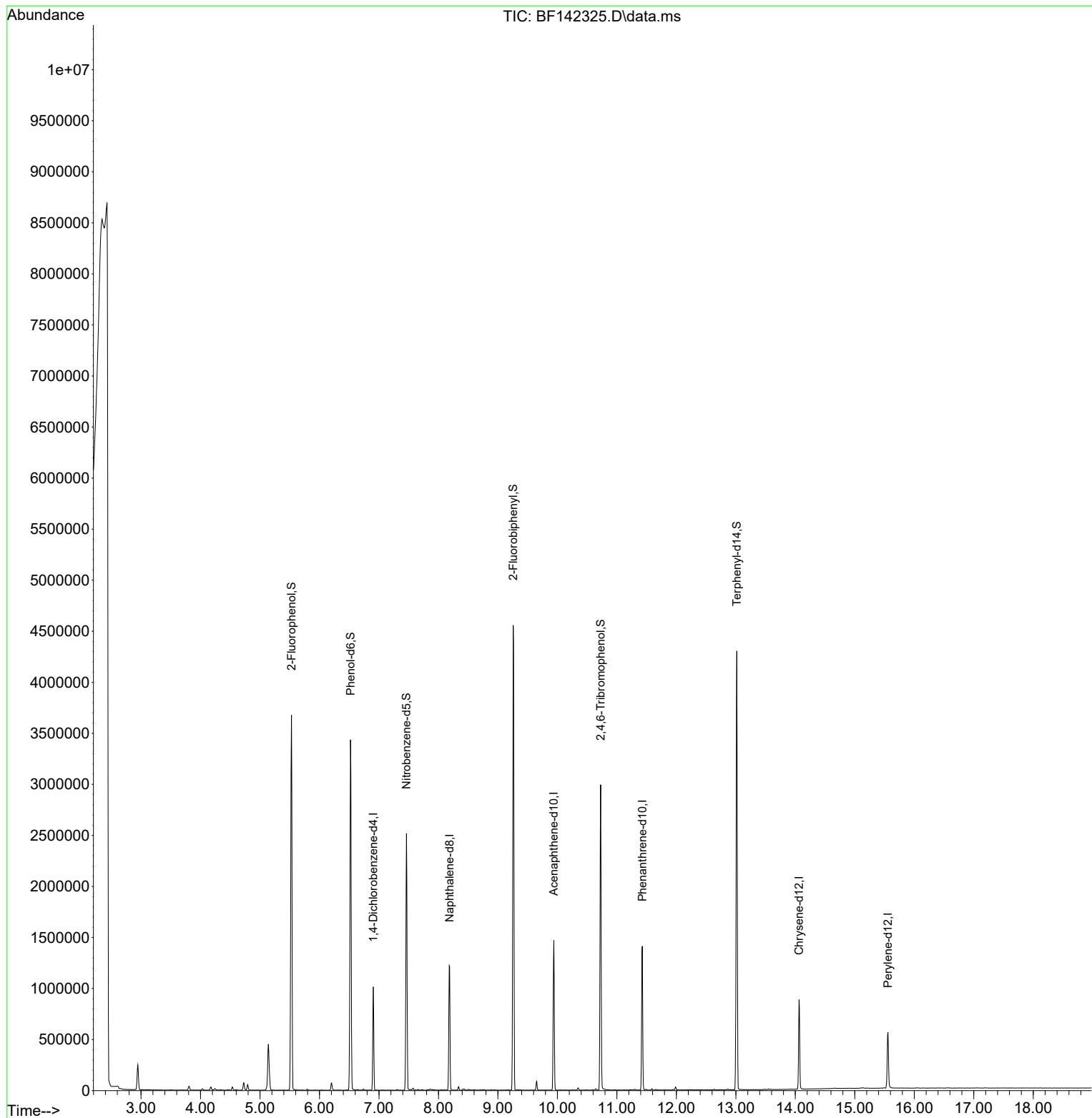
Target Compounds	Qvalue

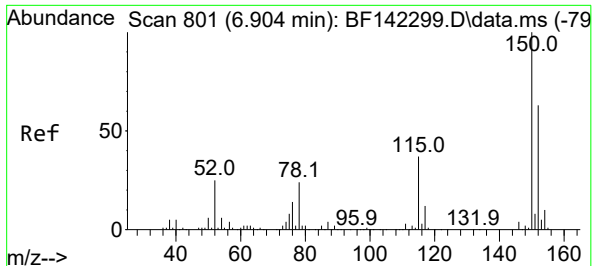
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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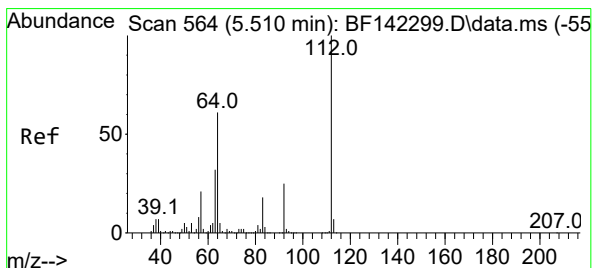
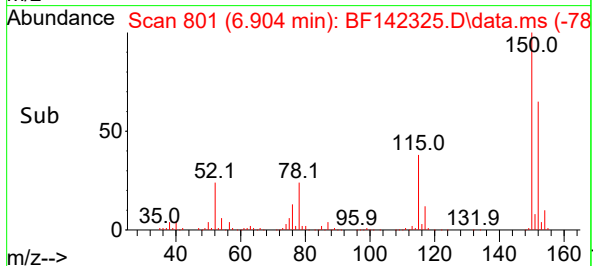
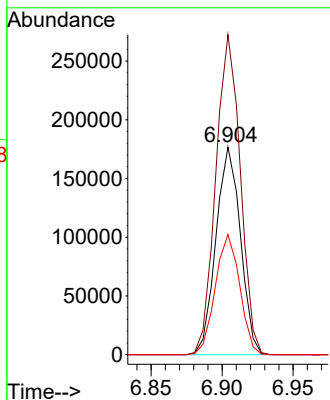
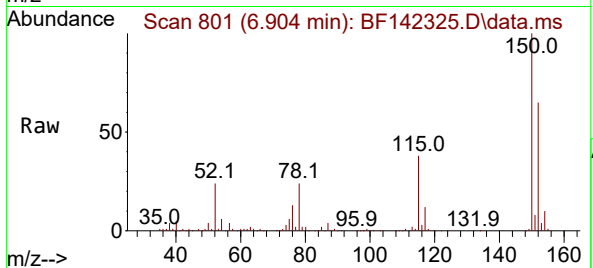




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

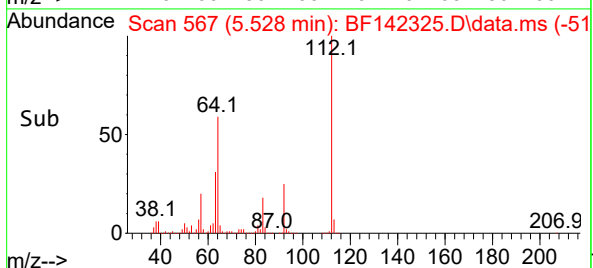
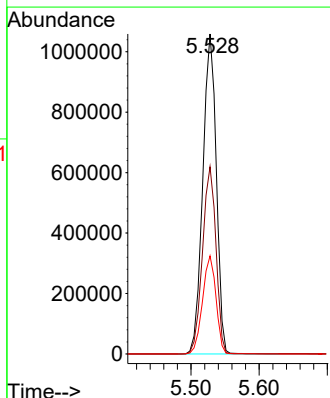
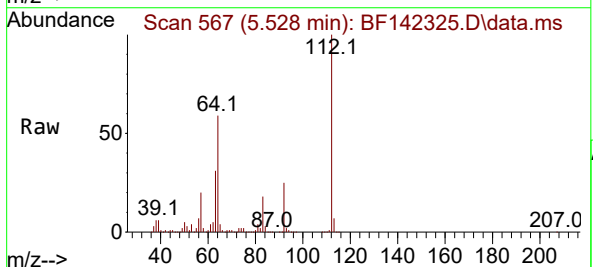
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-10

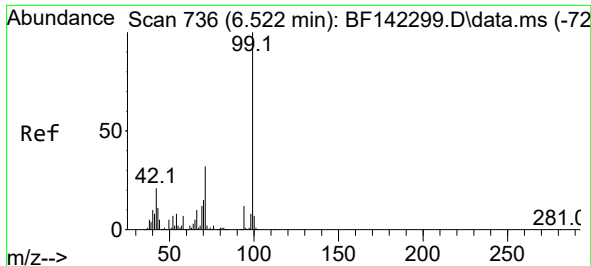
Tgt Ion:152 Resp: 211603
Ion Ratio Lower Upper
152 100
150 154.1 126.6 190.0
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 117.943 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

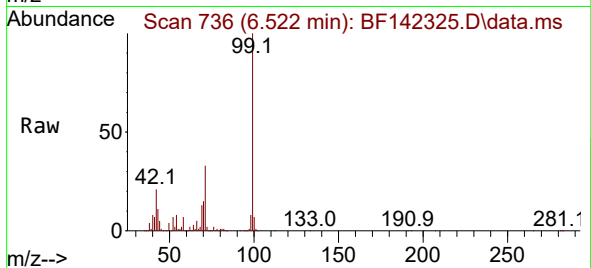
Tgt Ion:112 Resp: 1461983
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.6 25.6 38.4





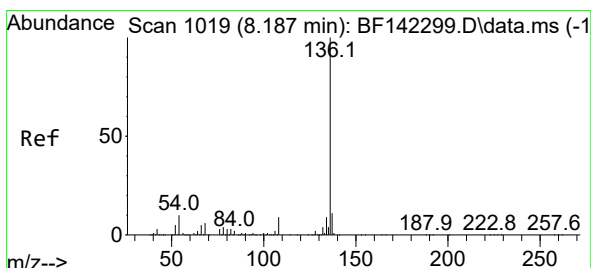
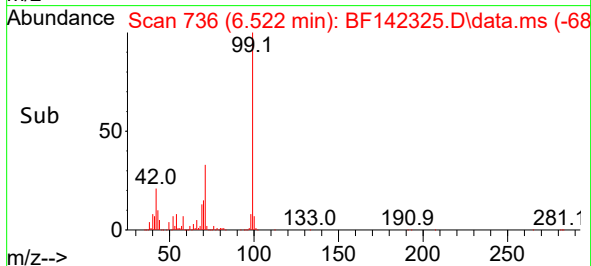
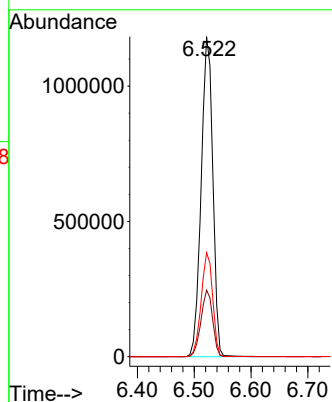
#7
Phenol-d6
Concen: 110.661 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1687102

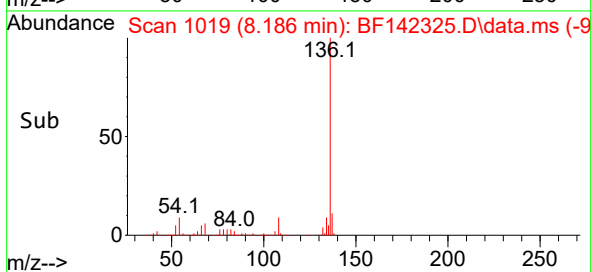
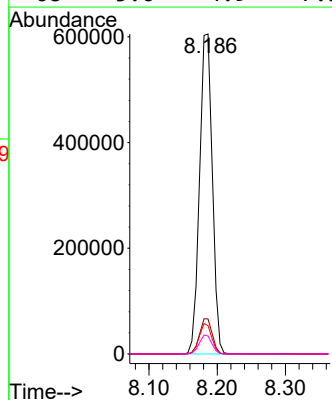
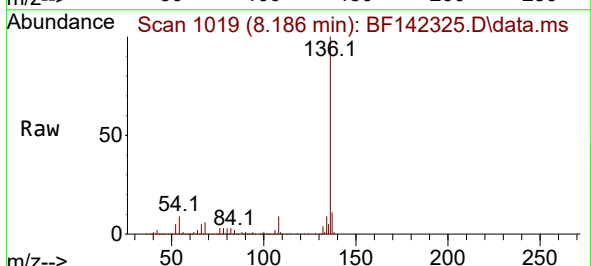
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.4
71	32.5	25.8	38.8

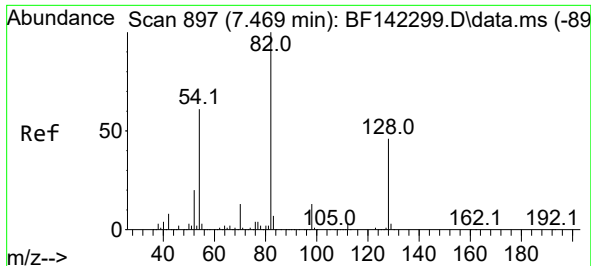


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion: 136 Resp: 789721

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 81.538 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142325.D

Acq: 12 May 2025 17:39

Instrument :

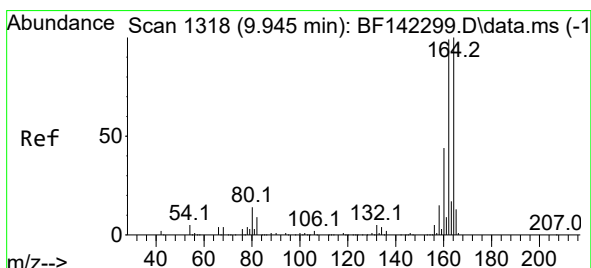
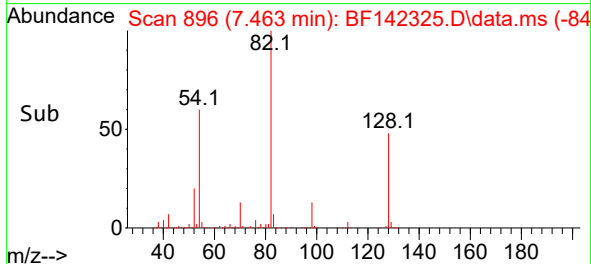
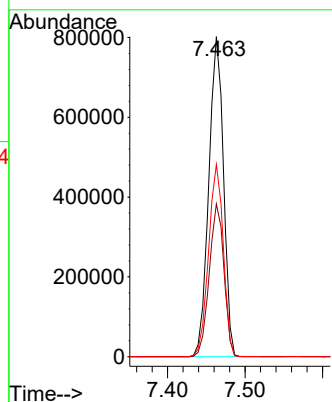
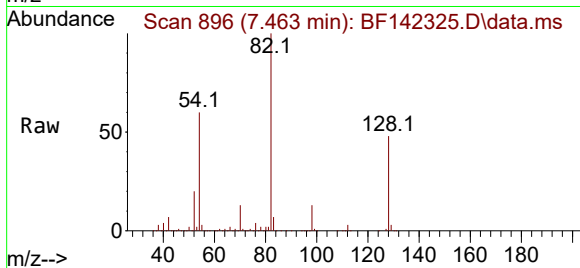
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1055832

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	60.1	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

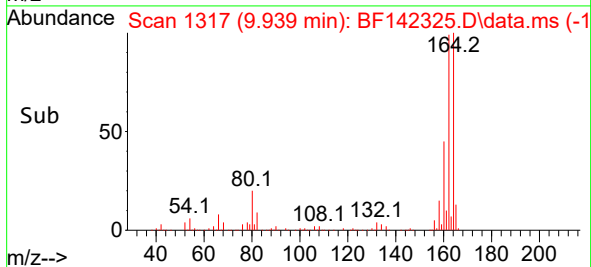
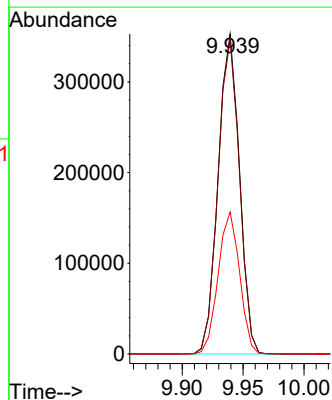
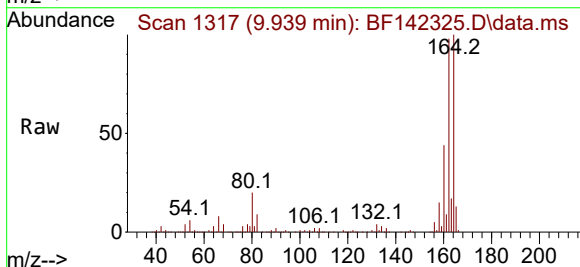
Delta R.T. -0.006 min

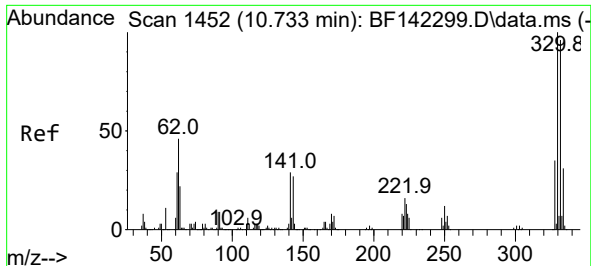
Lab File: BF142325.D

Acq: 12 May 2025 17:39

Tgt Ion:164 Resp: 430905

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.2	118.8
160	44.4	35.3	52.9

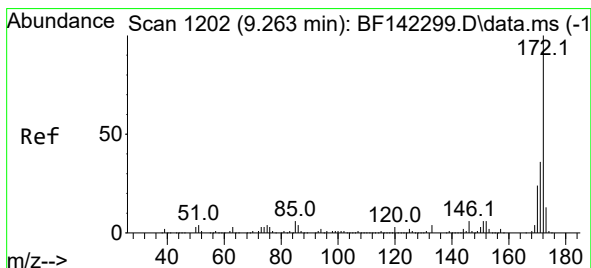
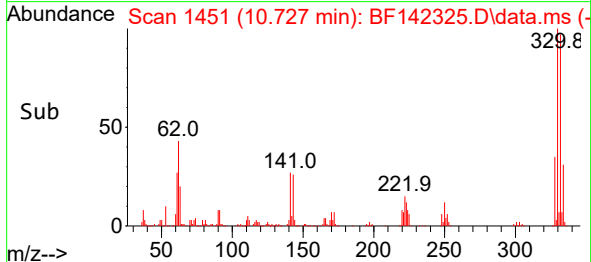
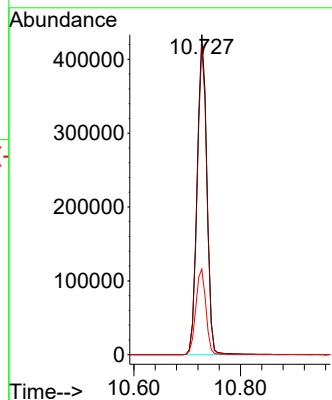
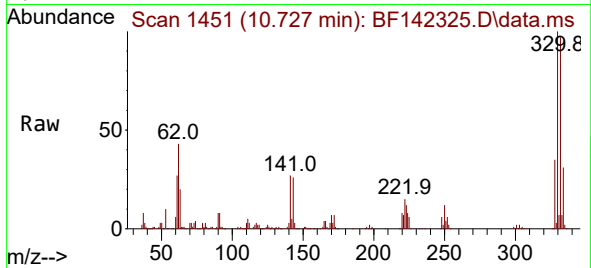




#42
 2,4,6-Tribromophenol
 Concen: 132.332 ng
 RT: 10.727 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142325.D
 Acq: 12 May 2025 17:39

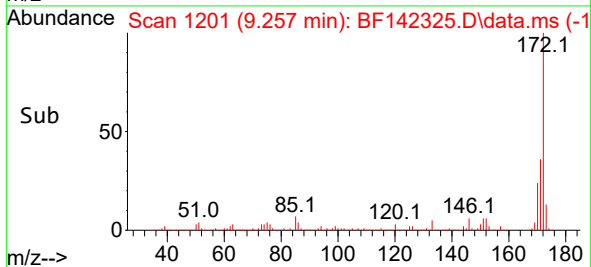
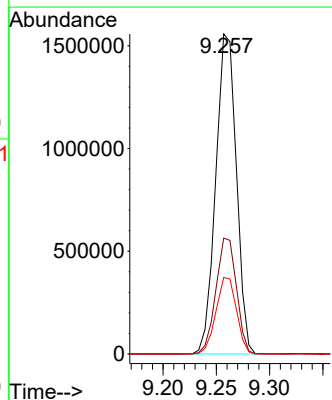
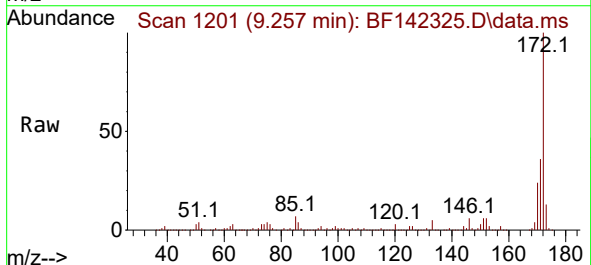
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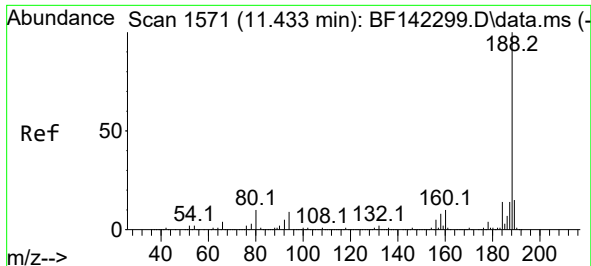
Tgt Ion:330 Resp: 550540
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 27.6 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 69.376 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF142325.D
 Acq: 12 May 2025 17:39

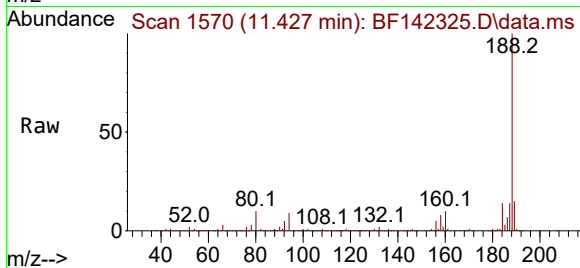
Tgt Ion:172 Resp: 2096578
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.9 19.0 28.4



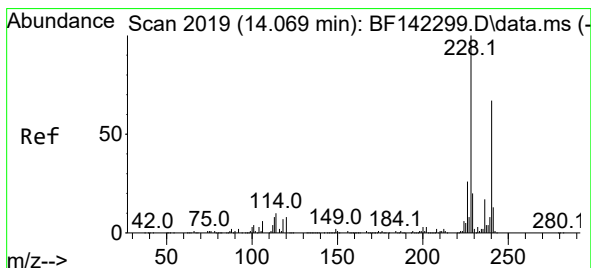
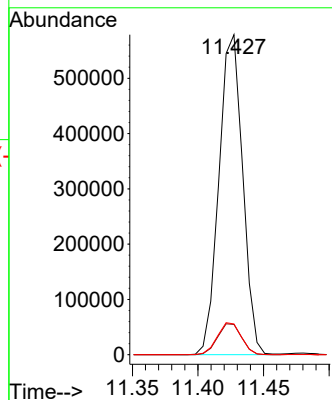
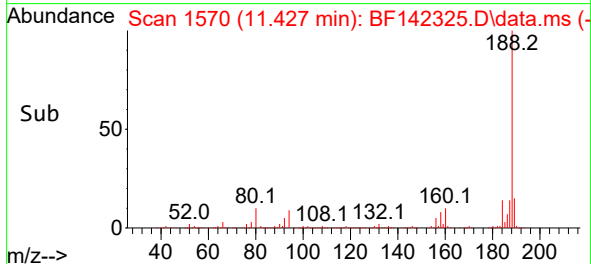


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Instrument :
BNA_F
ClientSampleId :
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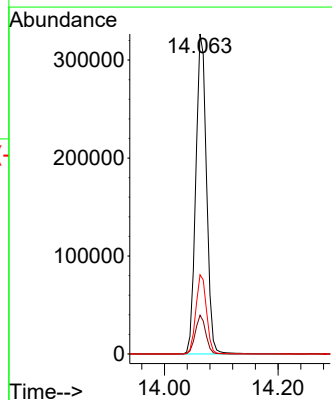
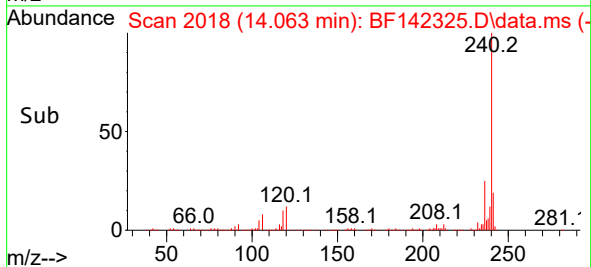
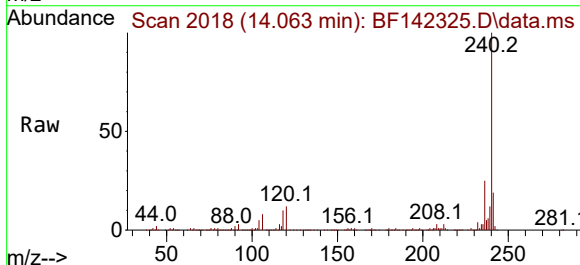


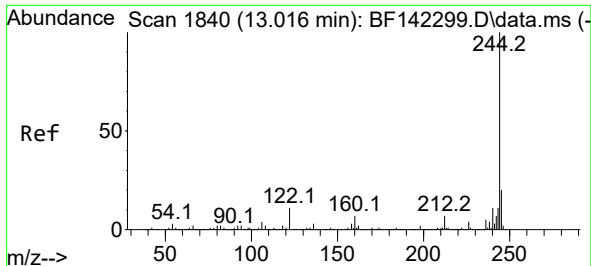
Tgt Ion:188 Resp: 728357
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142325.D
Acq: 12 May 2025 17:39

Tgt Ion:240 Resp: 430381
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 24.8 20.0 30.0

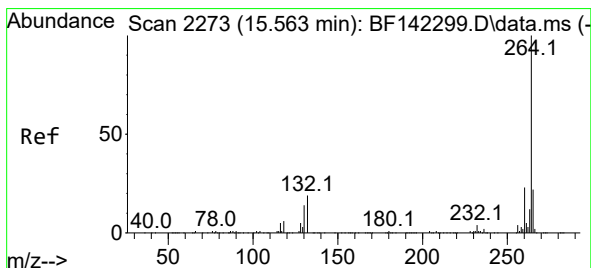
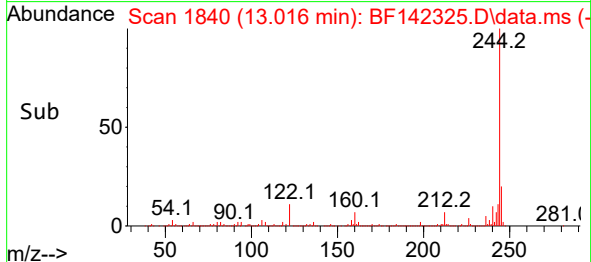
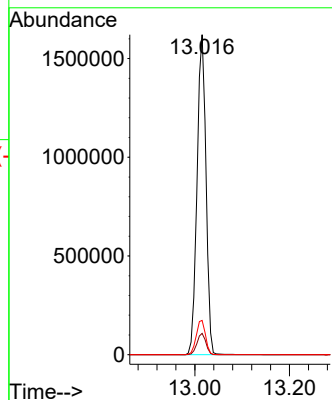
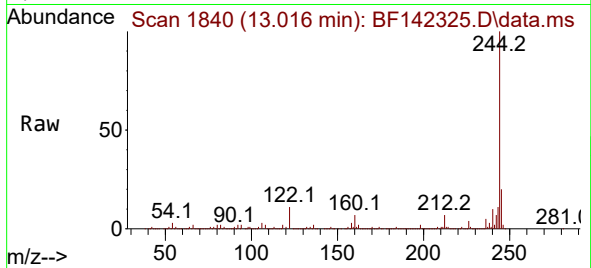




#79
 Terphenyl-d14
 Concen: 73.109 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142325.D
 Acq: 12 May 2025 17:39

Instrument :
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Tgt Ion:244 Resp: 2125855
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142325.D
 Acq: 12 May 2025 17:39

Tgt Ion:264 Resp: 329833
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.5 17.5 26.3

