

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142363.D
 Acq On : 14 May 2025 13:54
 Operator : RC/JU
 Sample : Q2004-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Quant Time: May 14 14:15:43 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)

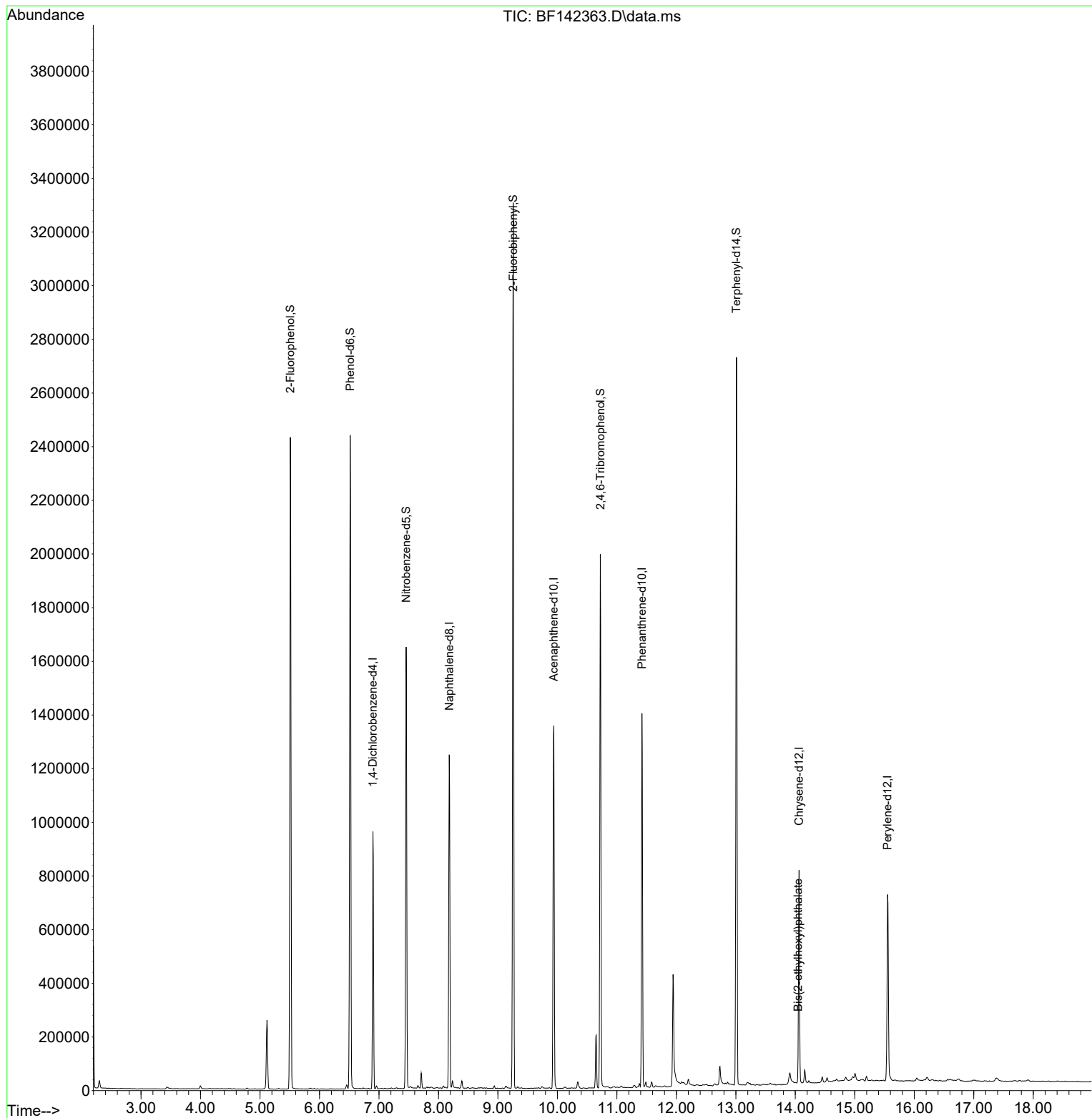
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	204509	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	778930	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	413963	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	713256	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	372889	20.000	ng	0.00
86) Perylene-d12	15.551	264	405035	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	933452	77.917	ng	0.00
7) Phenol-d6	6.516	99	1155711	78.435	ng	0.00
23) Nitrobenzene-d5	7.457	82	684208	53.571	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	352181	88.117	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1459941	50.287	ng	0.00
79) Terphenyl-d14	13.010	244	1289196	51.172	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	4737	4.579	ng	Qvalue # 92

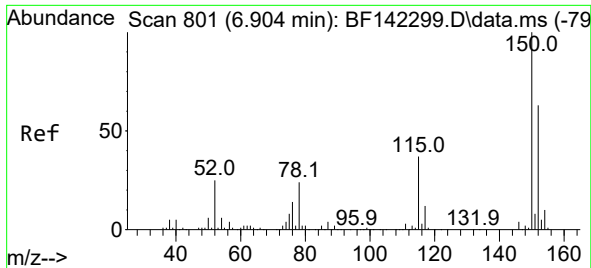
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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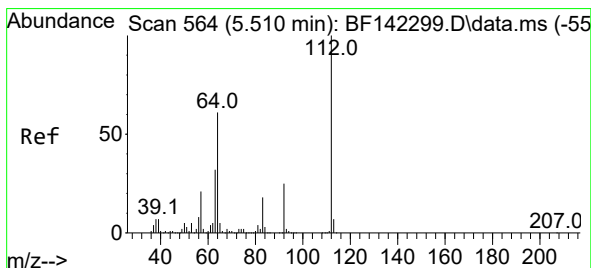
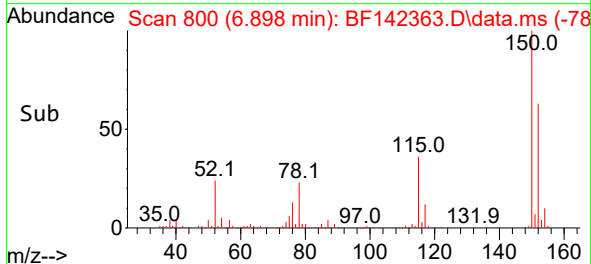
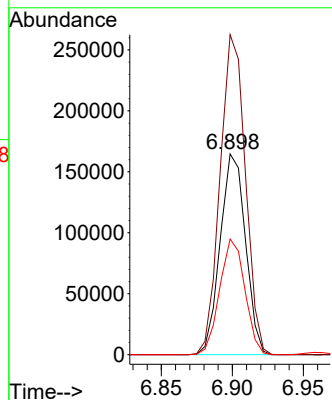
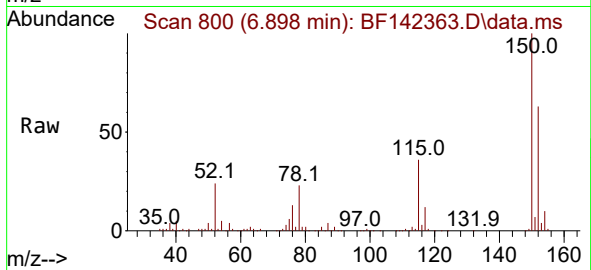




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

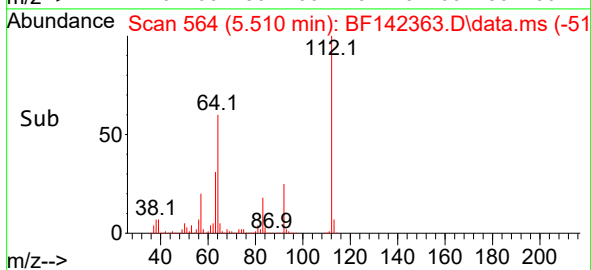
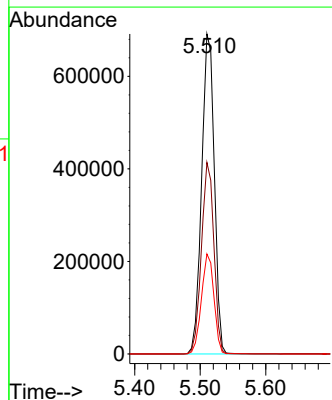
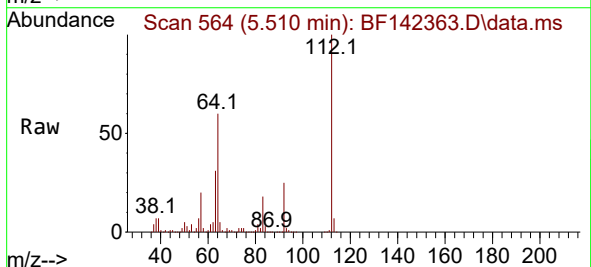
Instrument :
BNA_F
ClientSampleId :
VNJ-220

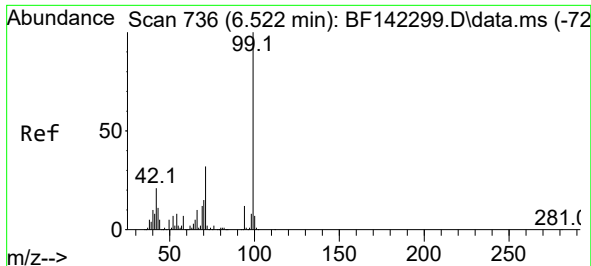
Tgt Ion:152 Resp: 204509
Ion Ratio Lower Upper
152 100
150 159.3 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 77.917 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:112 Resp: 933452
Ion Ratio Lower Upper
112 100
64 59.8 48.9 73.3
63 31.3 25.6 38.4

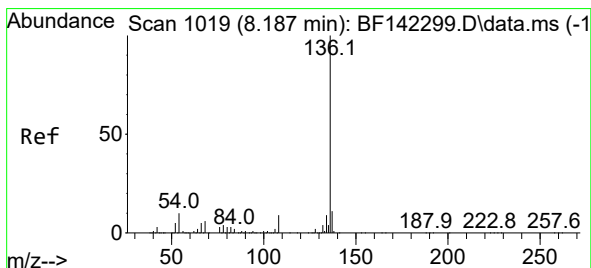
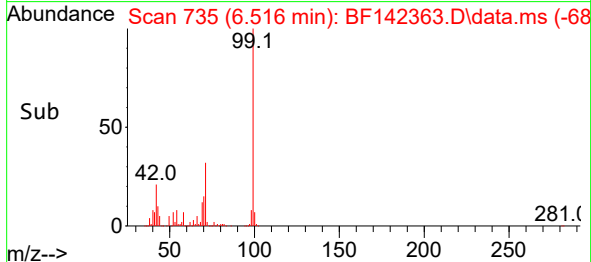
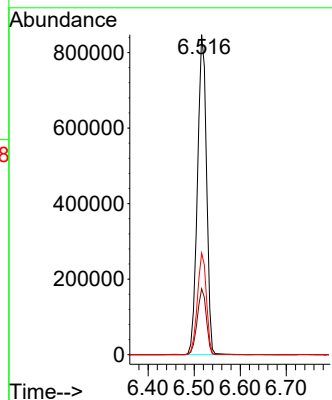
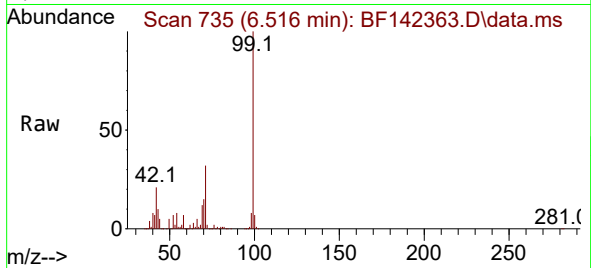




#7
Phenol-d6
Concen: 78.435 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

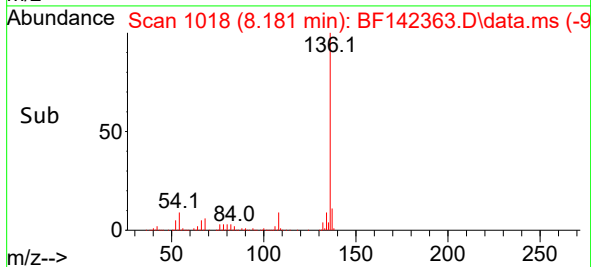
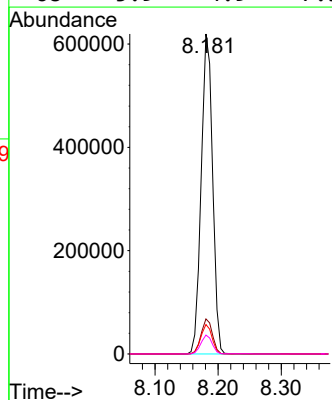
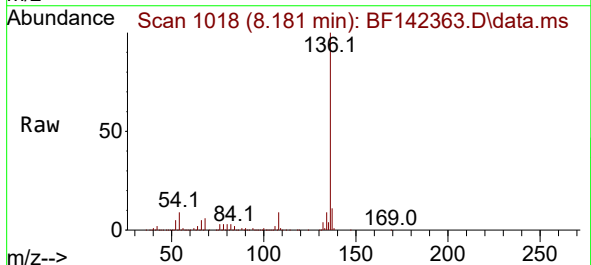
Instrument :
BNA_F
ClientSampleId :
VNJ-220

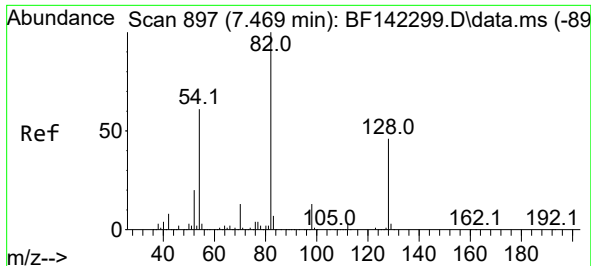
Tgt Ion: 99 Resp: 1155711
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 31.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion: 136 Resp: 778930
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 53.571 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142363.D

Acq: 14 May 2025 13:54

Instrument :

BNA_F

ClientSampleId :

VNJ-220

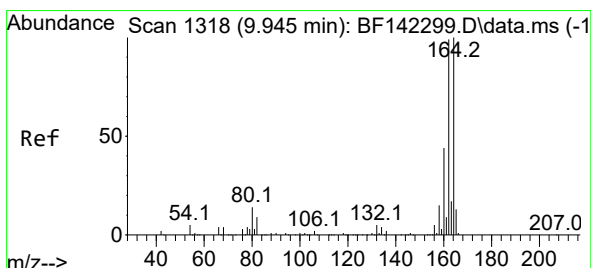
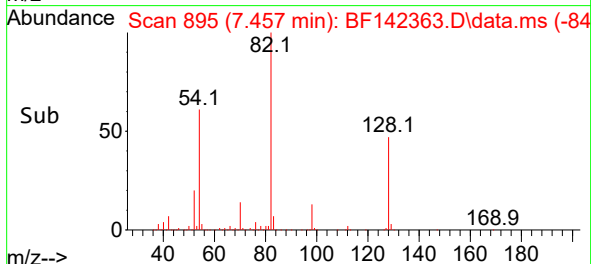
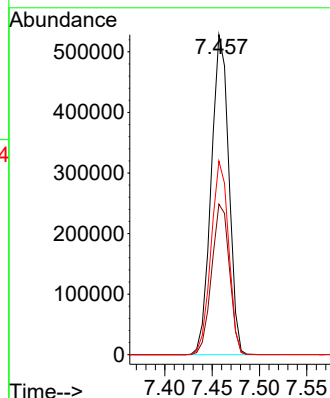
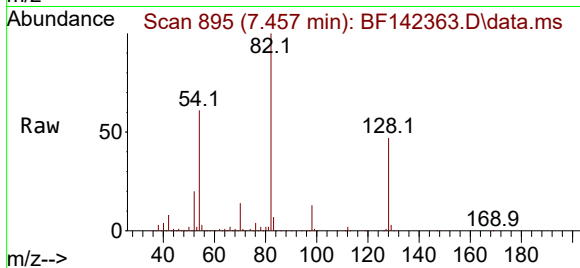
Tgt Ion: 82 Resp: 684208

Ion Ratio Lower Upper

82 100

128 47.1 37.0 55.6

54 60.5 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: BF142363.D

Acq: 14 May 2025 13:54

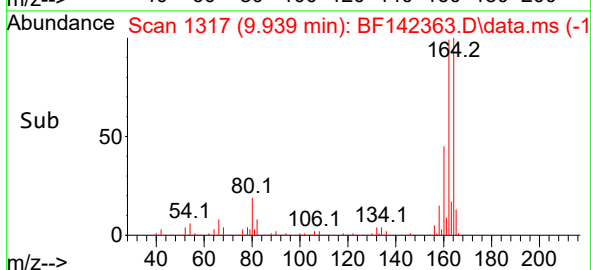
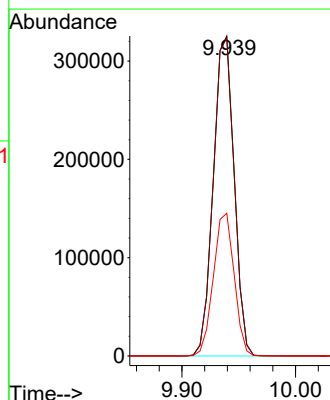
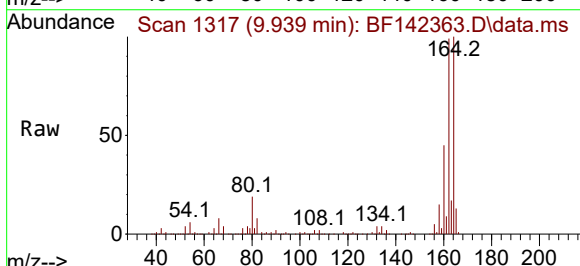
Tgt Ion: 164 Resp: 413963

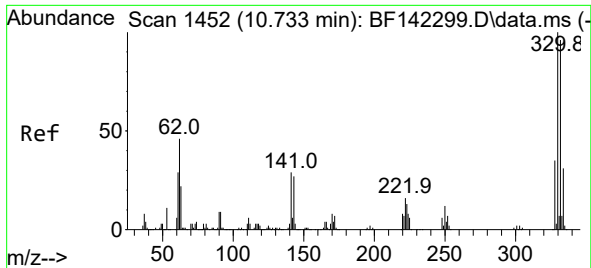
Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

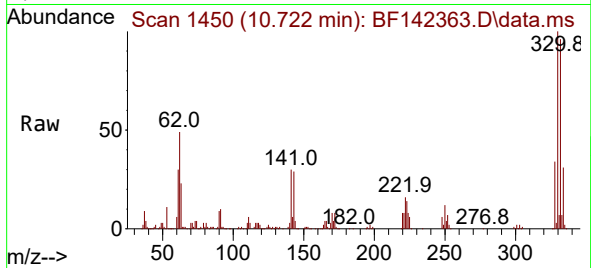
160 44.6 35.3 52.9



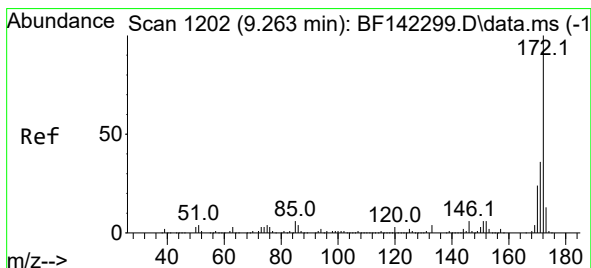
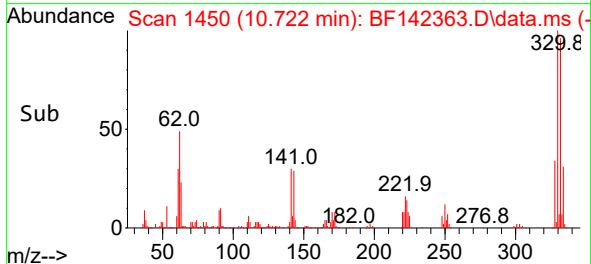
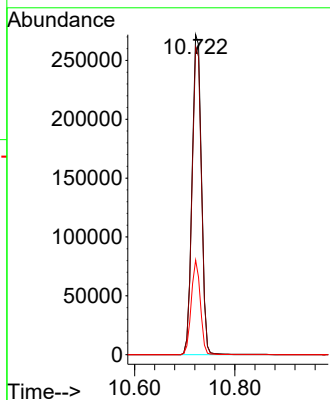


#42
2,4,6-Tribromophenol
Concen: 88.117 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
VNJ-220

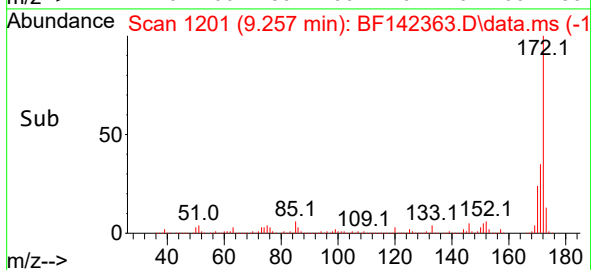
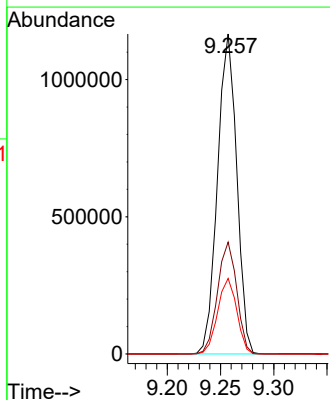
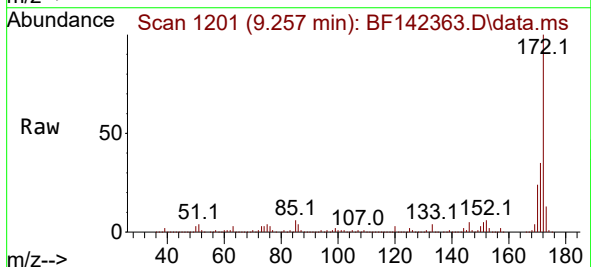


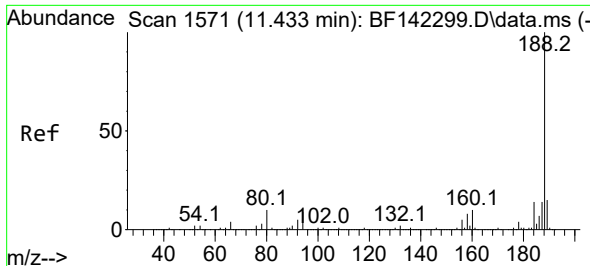
Tgt Ion:330 Resp: 352181
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 28.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 50.287 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:172 Resp: 1459941
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.6 19.0 28.4

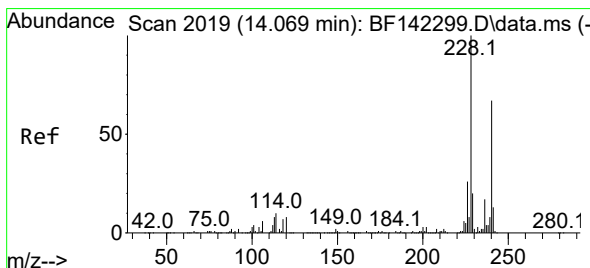
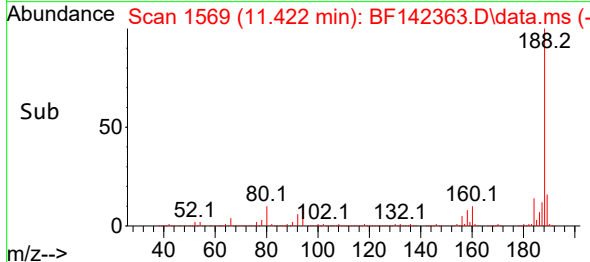
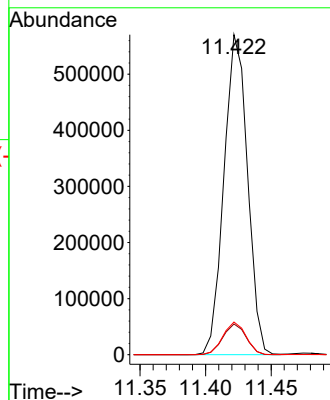
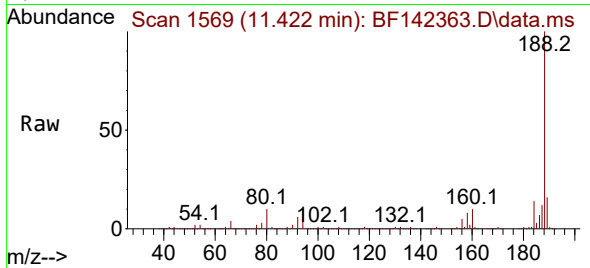




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

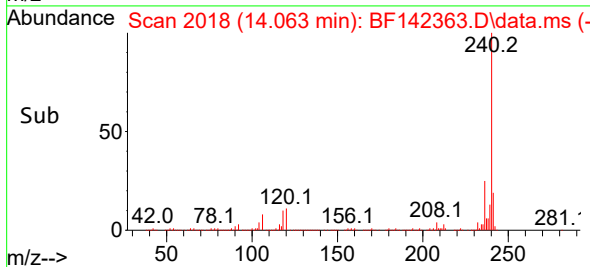
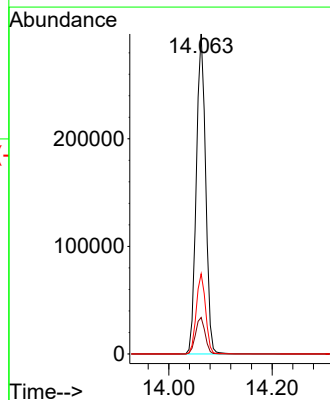
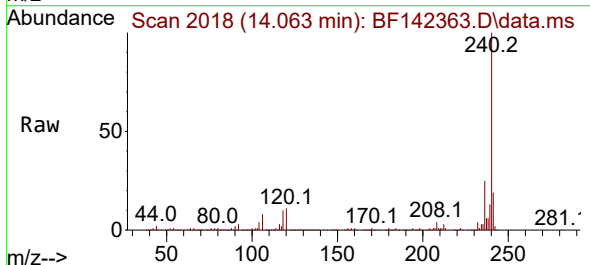
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ClientSampleId :
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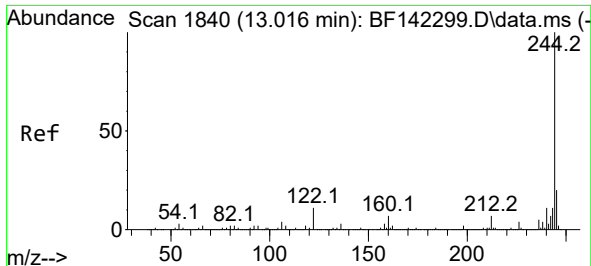
Tgt Ion:188 Resp: 713256
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Tgt Ion:240 Resp: 372889
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.1 20.0 30.0

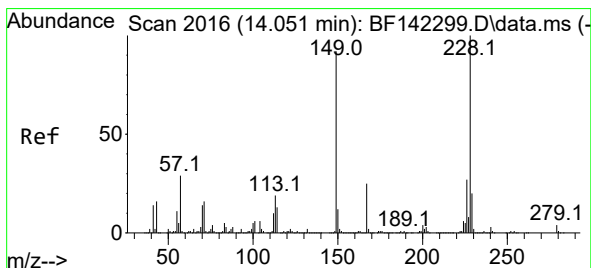
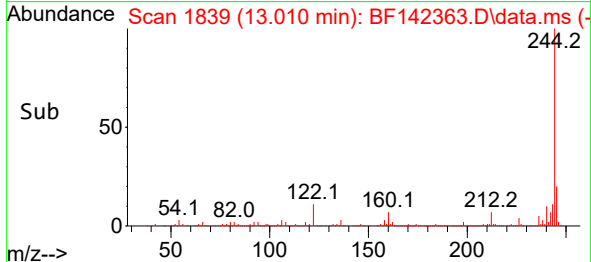
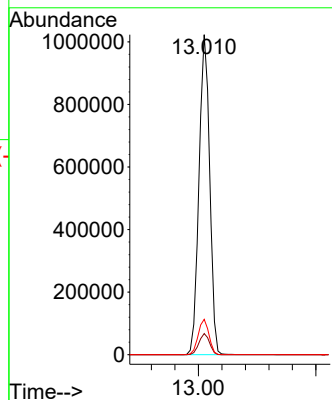
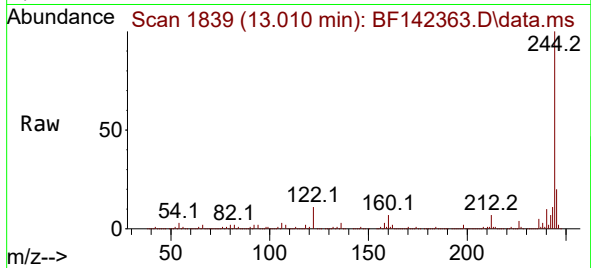




#79
 Terphenyl-d14
 Concen: 51.172 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142363.D
 Acq: 14 May 2025 13:54

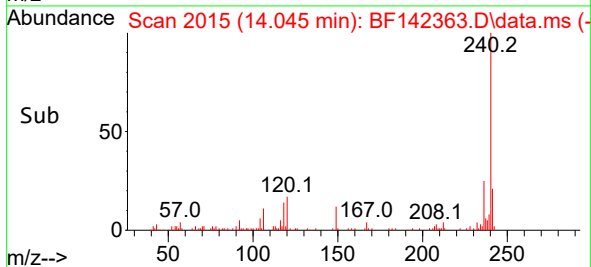
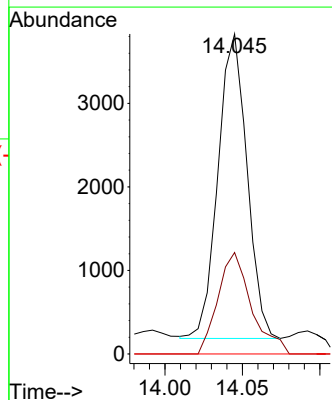
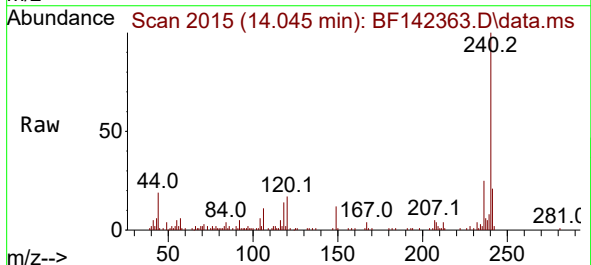
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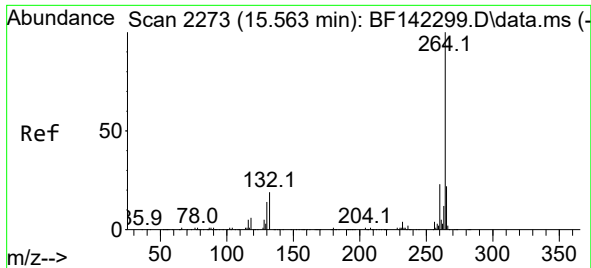
Tgt Ion:244 Resp: 1289196
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.1 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.579 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142363.D
 Acq: 14 May 2025 13:54

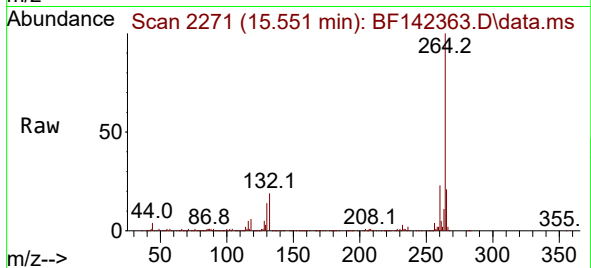
Tgt Ion:149 Resp: 4737
 Ion Ratio Lower Upper
 149 100
 167 31.7 22.0 33.0
 279 0.0 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142363.D
Acq: 14 May 2025 13:54

Instrument :
BNA_F
ClientSampleId :
VNJ-220



Tgt Ion:264 Resp: 405035
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.2 17.5 26.3

