

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142343.D
 Acq On : 13 May 2025 14:48
 Operator : RC/JU
 Sample : Q1986-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Quant Time: May 13 16:01:33 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)

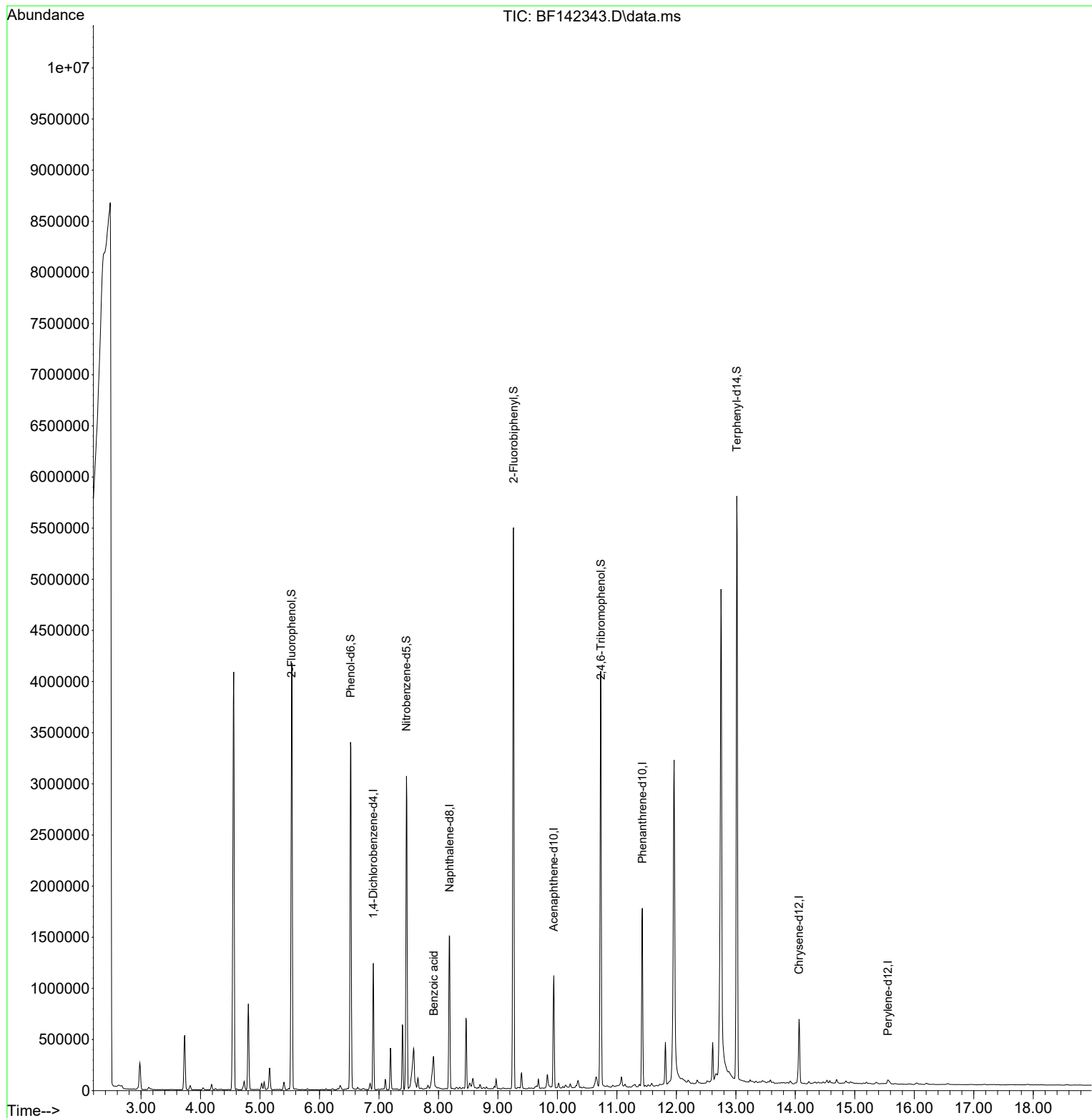
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	221528	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	850162	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	290919	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	738088	20.000	ng	0.00
76) Chrysene-d12	14.063	240	269027	20.000	ng	0.00
86) Perylene-d12	15.557	264	22485	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1520034	117.133	ng	0.02
7) Phenol-d6	6.522	99	1298354	81.347	ng	0.00
23) Nitrobenzene-d5	7.463	82	1194643	85.699	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	684527	243.711	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2354360	115.394	ng	0.00
79) Terphenyl-d14	13.016	244	2294195	126.220	ng	0.00
Target Compounds						
32) Benzoic acid	7.922	122	195314	31.489	ng	Qvalue 100

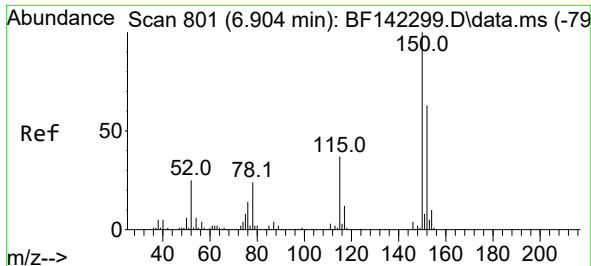
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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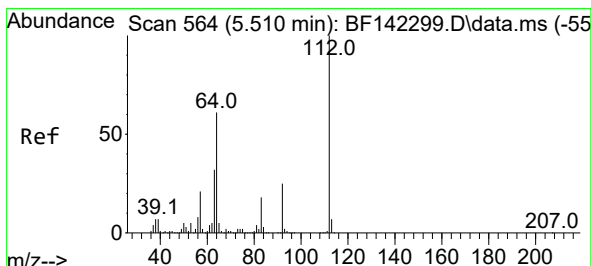
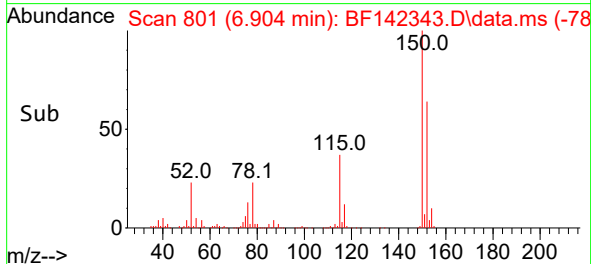
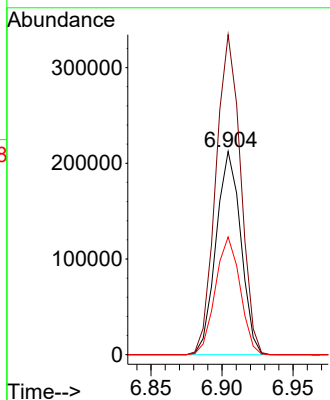
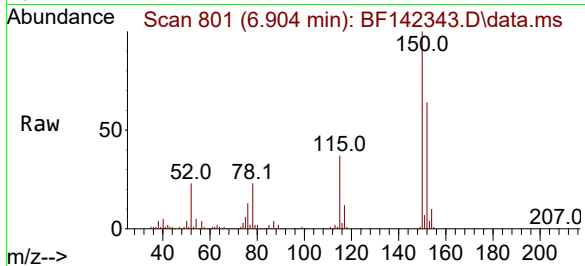




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142343.D
 Acq: 13 May 2025 14:48

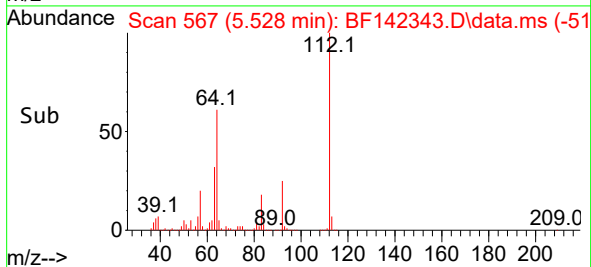
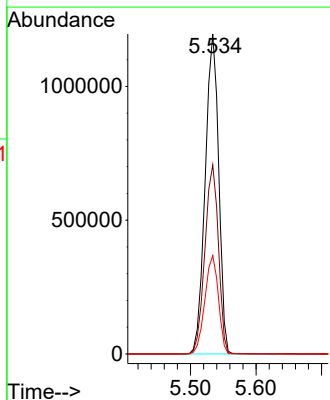
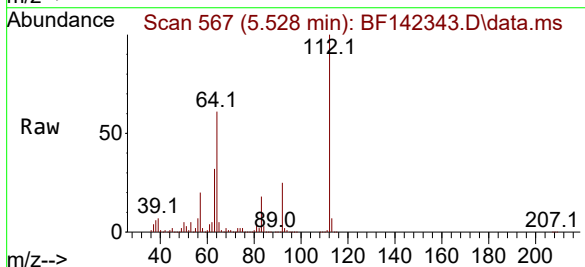
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

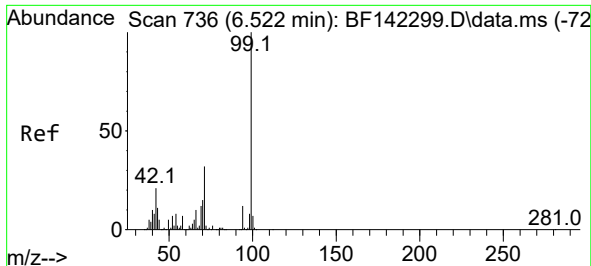
Tgt Ion:152 Resp: 221528
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.6 190.0
 115 58.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 117.133 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142343.D
 Acq: 13 May 2025 14:48

Tgt Ion:112 Resp: 1520034
 Ion Ratio Lower Upper
 112 100
 64 58.9 48.9 73.3
 63 30.7 25.6 38.4

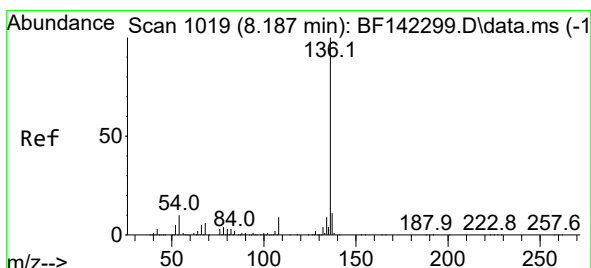
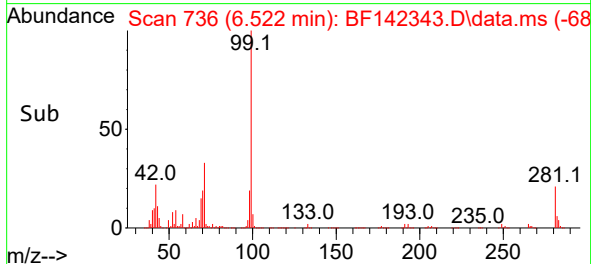
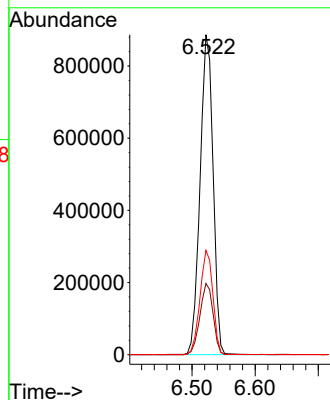
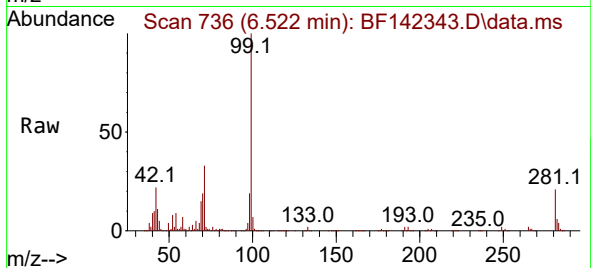




#7
Phenol-d6
Concen: 81.347 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

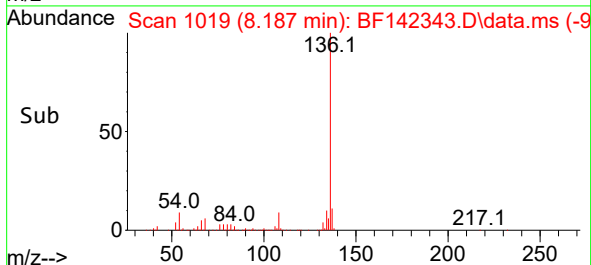
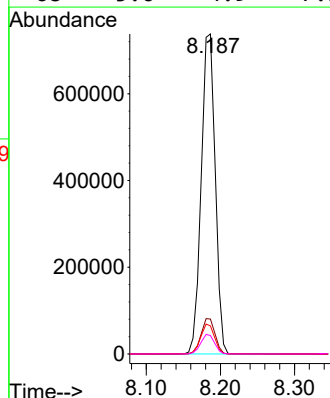
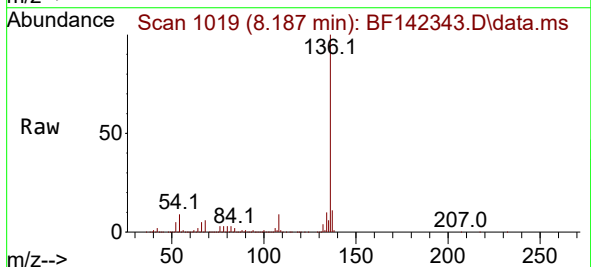
Instrument :
BNA_F
ClientSampleId :
VNJ-218

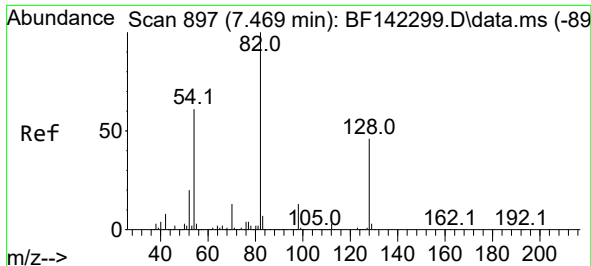
Tgt Ion: 99 Resp: 1298354
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.4
71 32.4 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

Tgt Ion:136 Resp: 850162
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.0 7.7 11.5
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.699 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142343.D

Acq: 13 May 2025 14:48

Instrument :

BNA_F

ClientSampleId :

VNJ-218

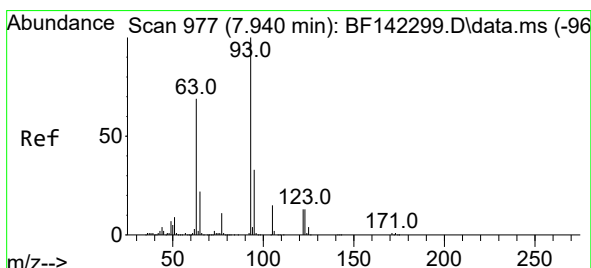
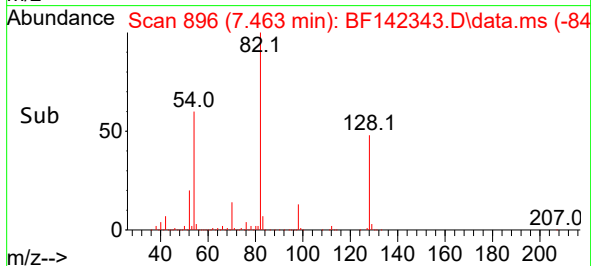
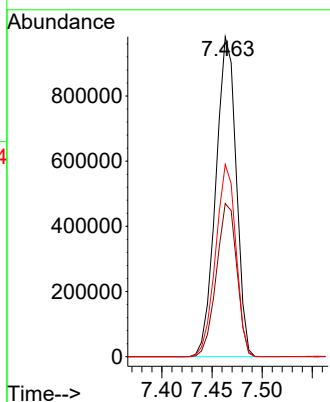
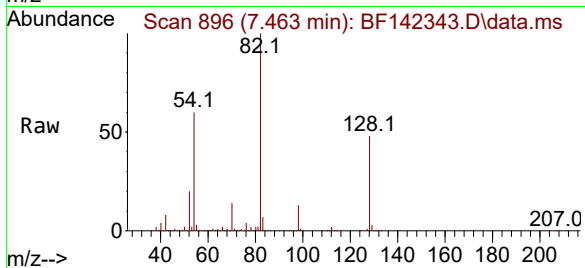
Tgt Ion: 82 Resp: 1194643

Ion Ratio Lower Upper

82 100

128 48.0 37.0 55.6

54 60.5 48.6 73.0



#32

Benzoic acid

Concen: 31.489 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF142343.D

Acq: 13 May 2025 14:48

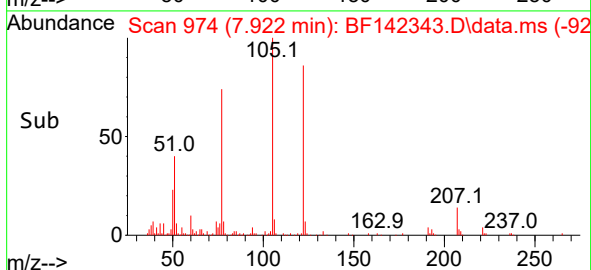
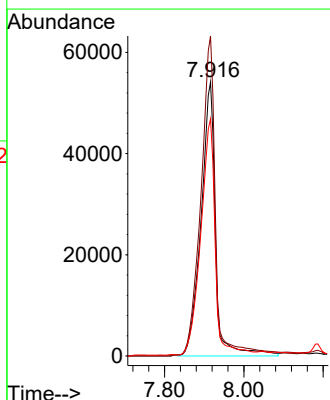
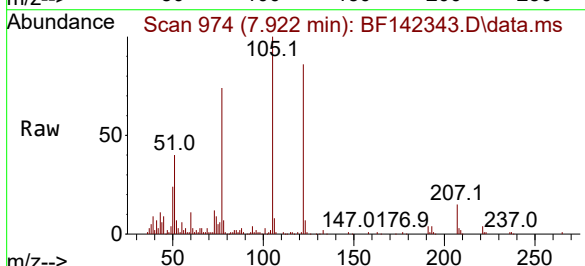
Tgt Ion:122 Resp: 195314

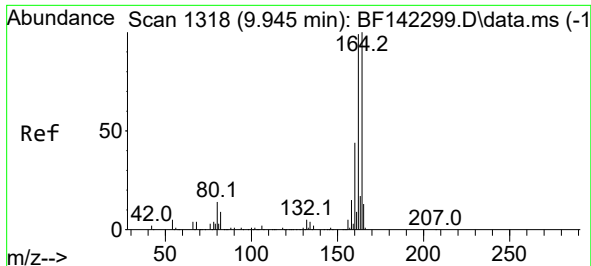
Ion Ratio Lower Upper

122 100

105 117.2 97.9 137.9

77 87.4 67.7 107.7

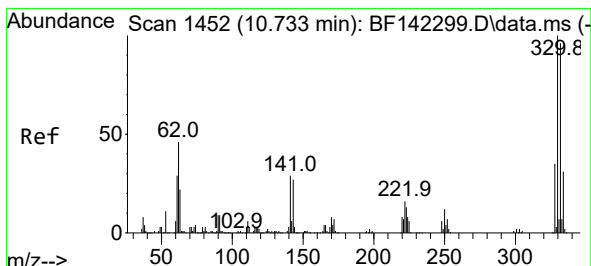
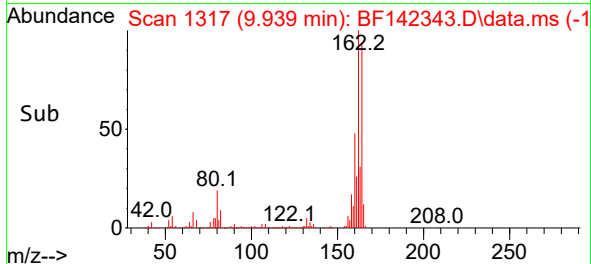
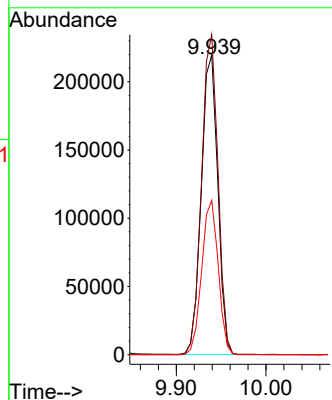
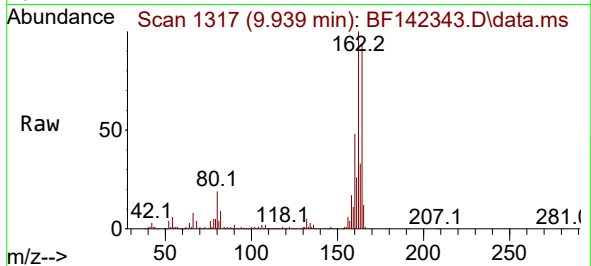




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

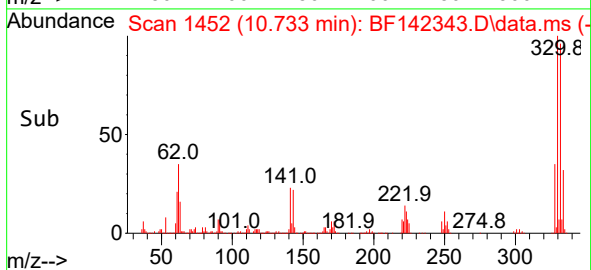
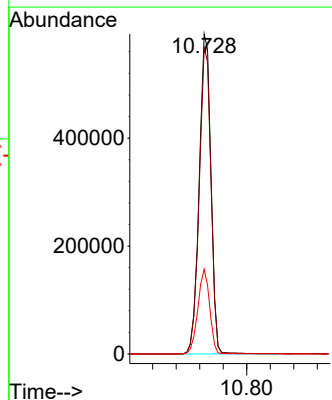
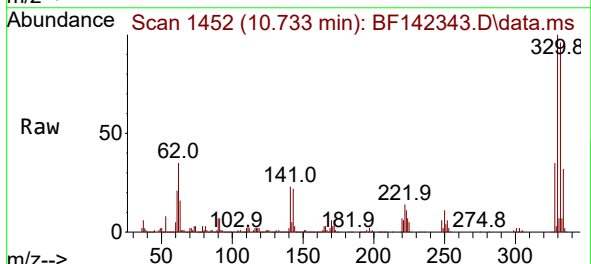
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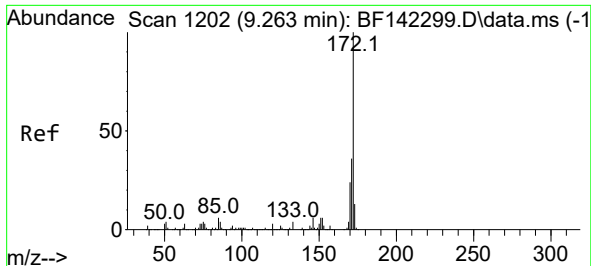
Tgt Ion:164 Resp: 290919
Ion Ratio Lower Upper
164 100
162 106.0 79.2 118.8
160 50.2 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 243.711 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

Tgt Ion:330 Resp: 684527
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 26.6 24.9 37.3

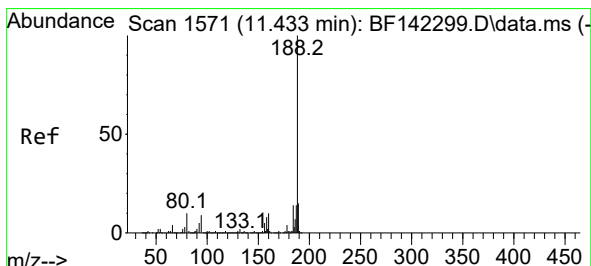
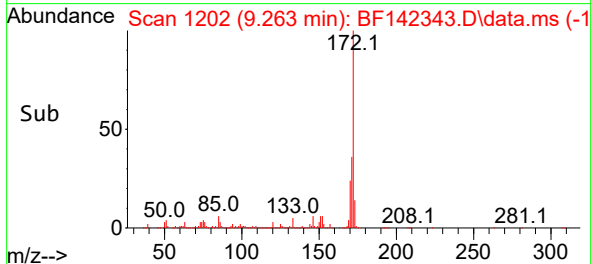
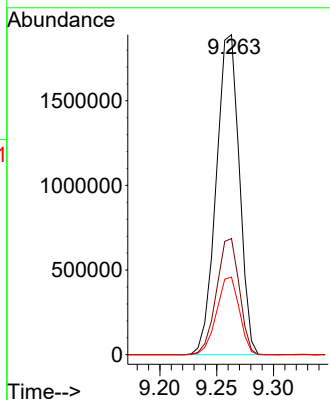
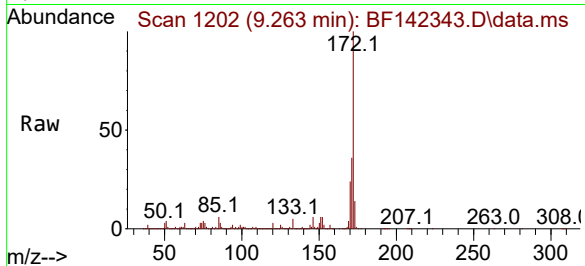




#45
2-Fluorobiphenyl
Concen: 115.394 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

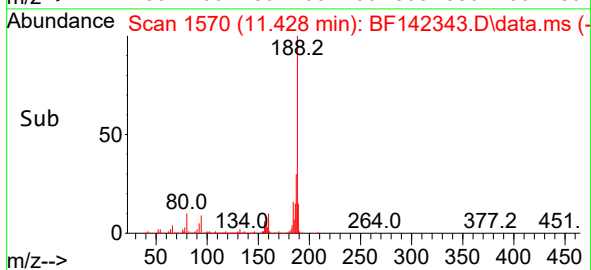
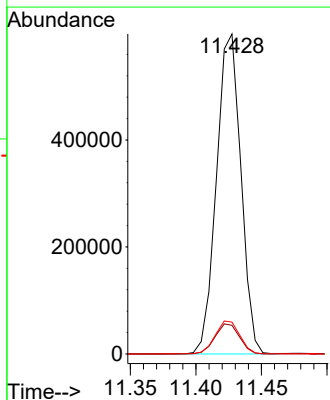
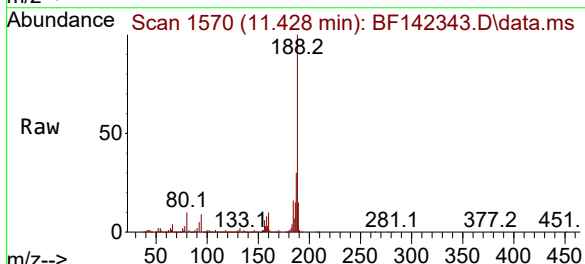
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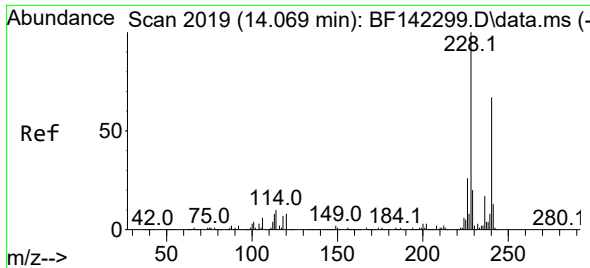
Tgt Ion:172 Resp: 2354360
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 23.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

Tgt Ion:188 Resp: 738088
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.9 7.9 11.9

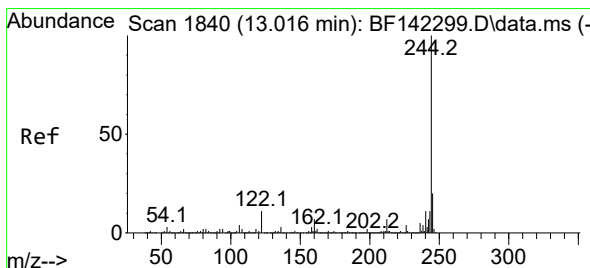
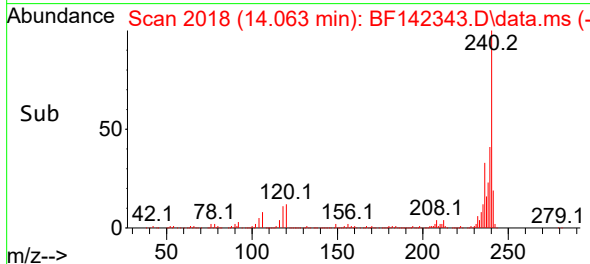
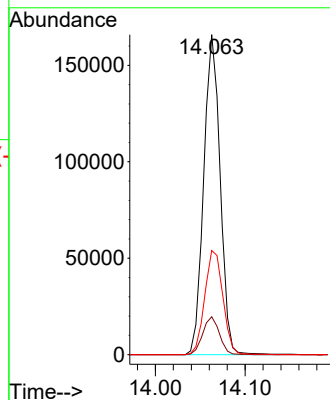
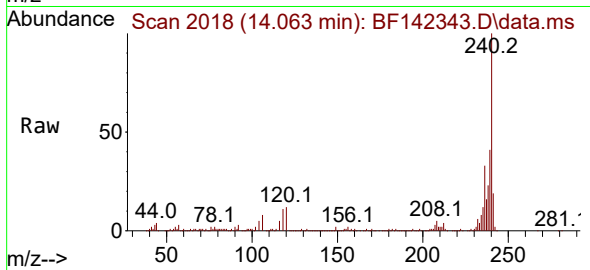




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

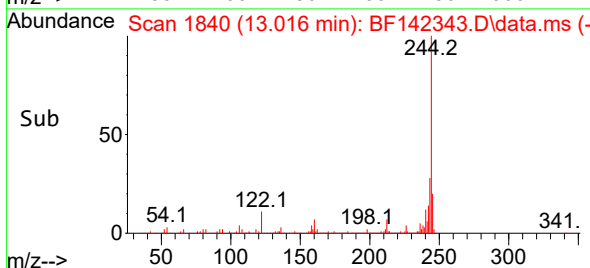
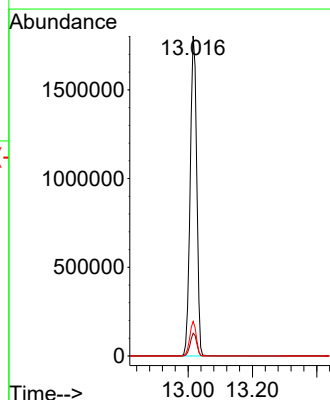
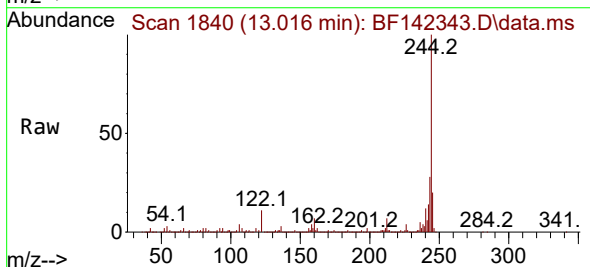
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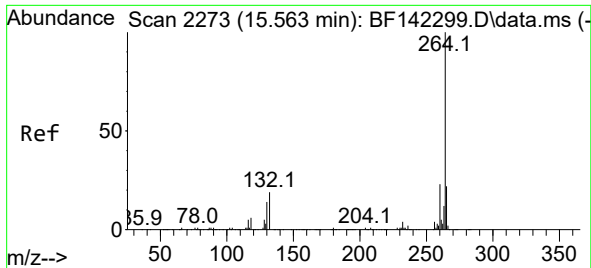
Tgt Ion:240 Resp: 269027
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 28.5 20.0 30.0



#79
Terphenyl-d14
Concen: 126.220 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142343.D
Acq: 13 May 2025 14:48

Tgt Ion:244 Resp: 2294195
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142343.D
 Acq: 13 May 2025 14:48

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 22485
 Ion Ratio Lower Upper
 264 100
 260 47.9 18.6 27.8#
 265 19.5 17.5 26.3

