

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142425.D
 Acq On : 16 May 2025 14:17
 Operator : RC/JU
 Sample : Q2048-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-2

Quant Time: May 16 14:40:15 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	100998	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	395333	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	221619	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	429068	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	405516	20.000	ng	0.00
86) Perylene-d12	15.551	264	373753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	411457	69.545	ng	0.00
7) Phenol-d6	6.516	99	578802	79.541	ng	0.00
23) Nitrobenzene-d5	7.457	82	312823	48.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	198875	92.946	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	692027	44.524	ng	0.00
79) Terphenyl-d14	13.010	244	1093499	39.912	ng	0.00

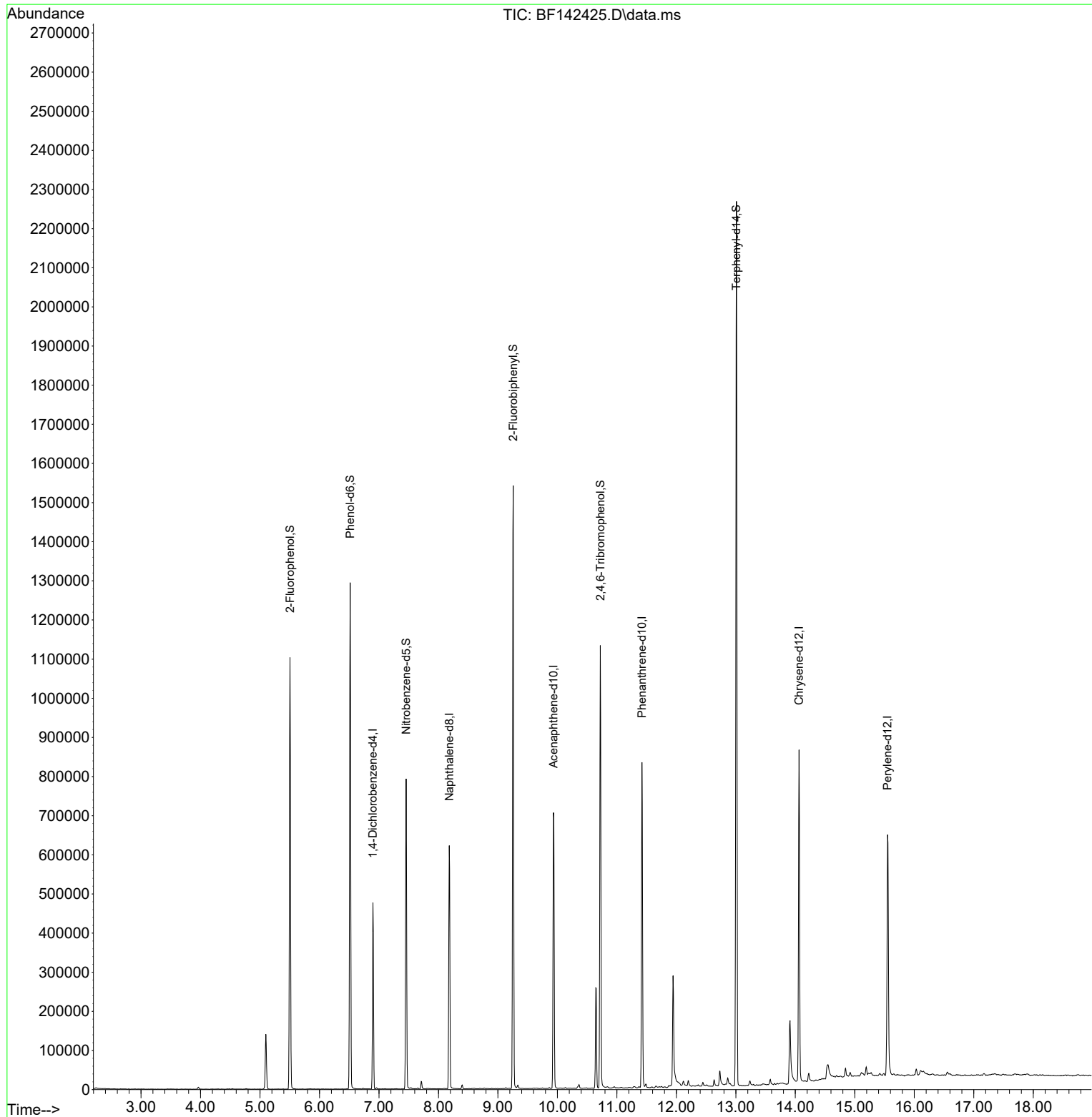
Target Compounds	Qvalue

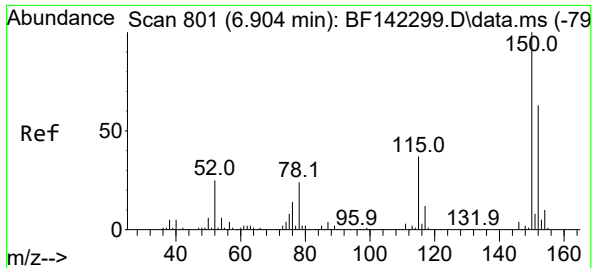
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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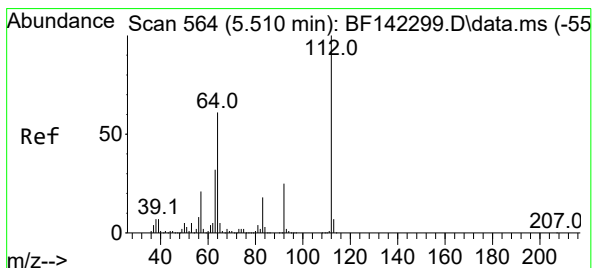
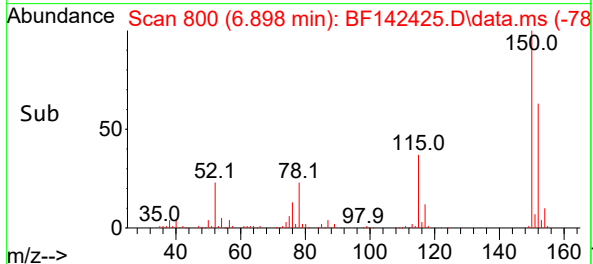
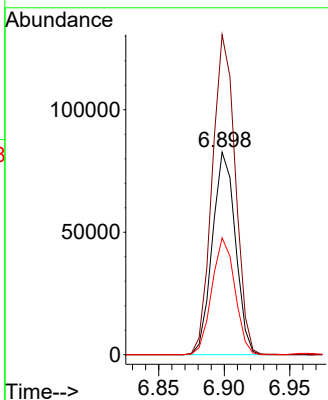
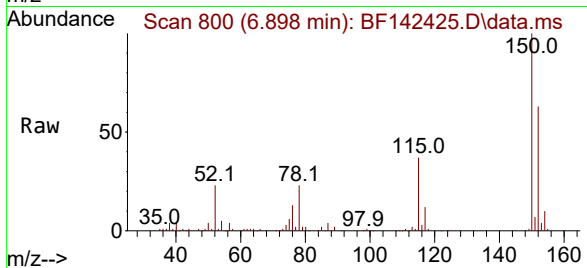




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

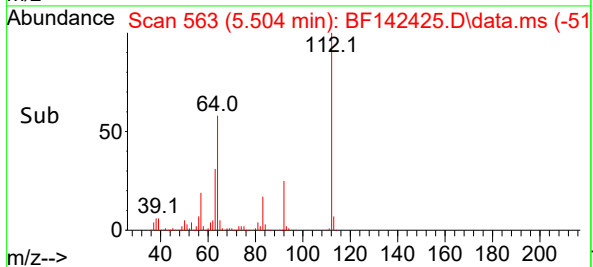
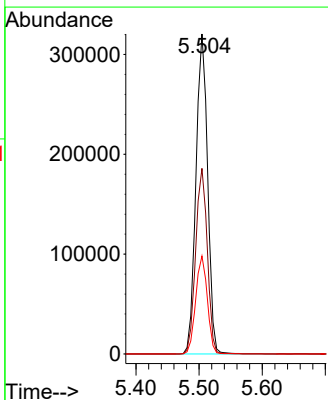
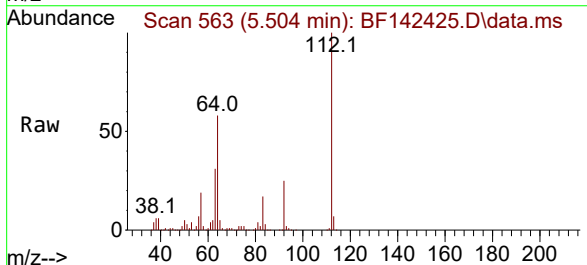
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

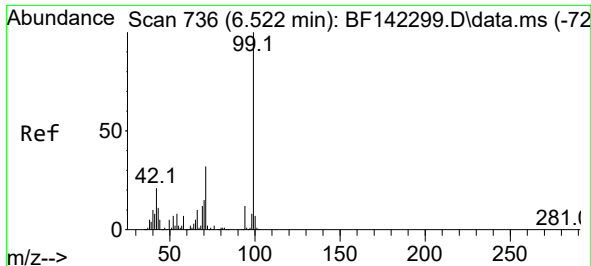
Tgt Ion:152 Resp: 100998
Ion Ratio Lower Upper
152 100
150 158.0 126.6 190.0
115 57.7 47.3 70.9



#5
2-Fluorophenol
Concen: 69.545 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:112 Resp: 411457
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.6 25.6 38.4

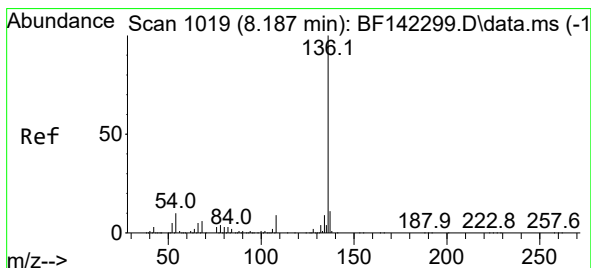
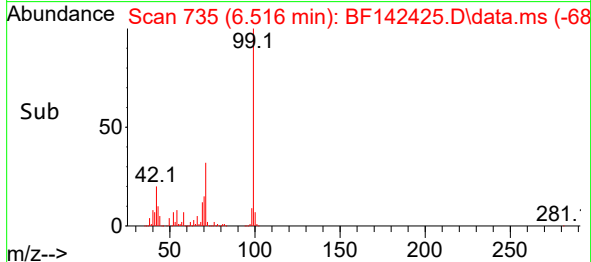
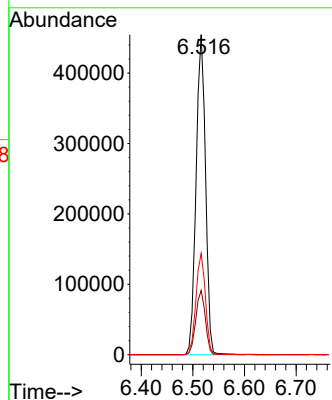
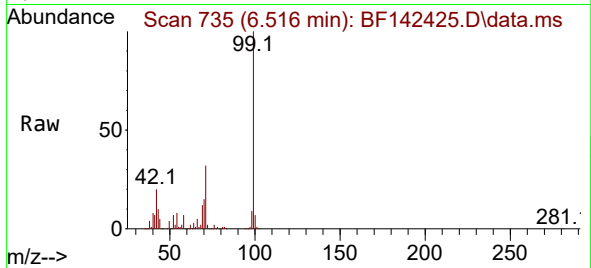




#7
Phenol-d6
Concen: 79.541 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

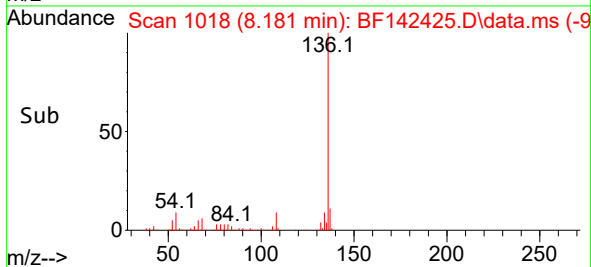
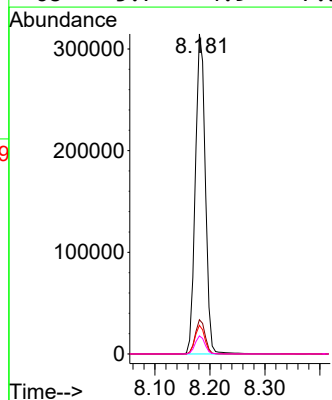
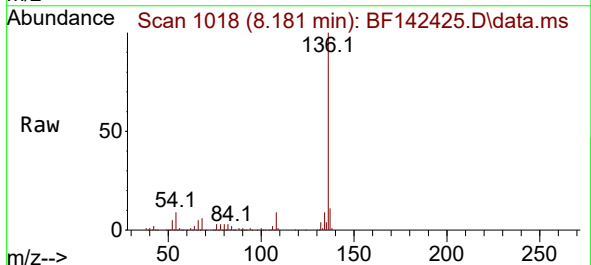
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

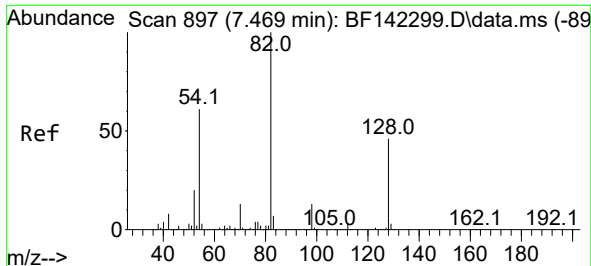
Tgt Ion: 99 Resp: 578802
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.4
71 31.6 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion: 136 Resp: 395333
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.0 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 48.258 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142425.D

Acq: 16 May 2025 14:17

Instrument :

BNA_F

ClientSampleId :

L2-WC-2

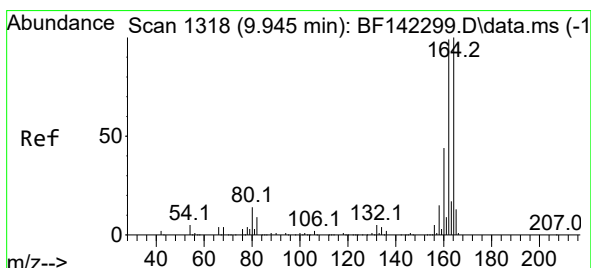
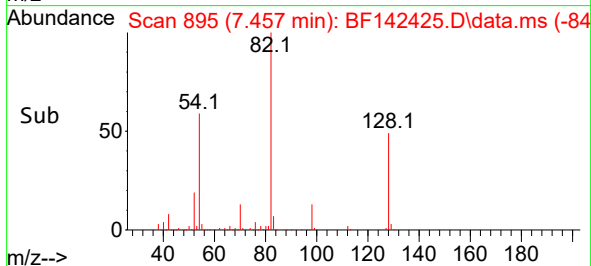
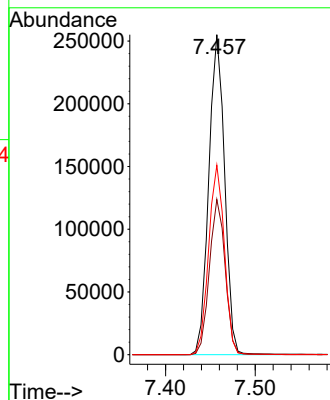
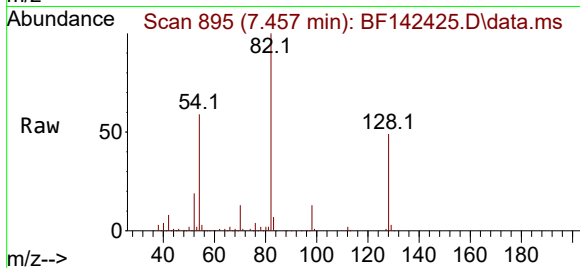
Tgt Ion: 82 Resp: 312823

Ion Ratio Lower Upper

82 100

128 48.5 37.0 55.6

54 59.2 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142425.D

Acq: 16 May 2025 14:17

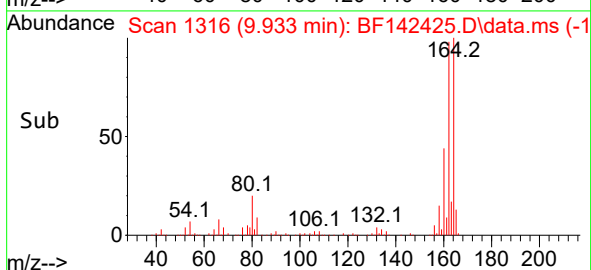
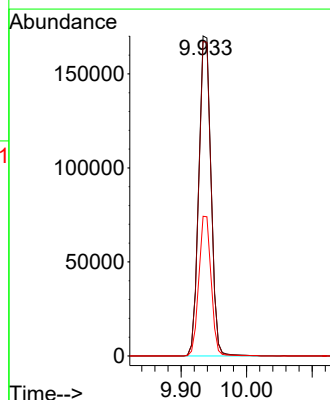
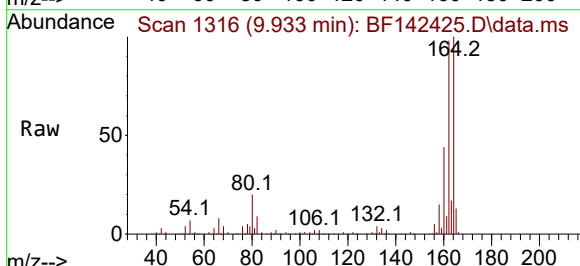
Tgt Ion:164 Resp: 221619

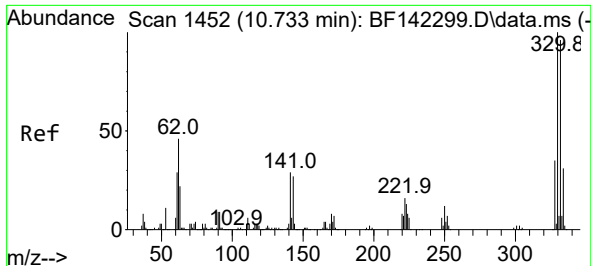
Ion Ratio Lower Upper

164 100

162 98.3 79.2 118.8

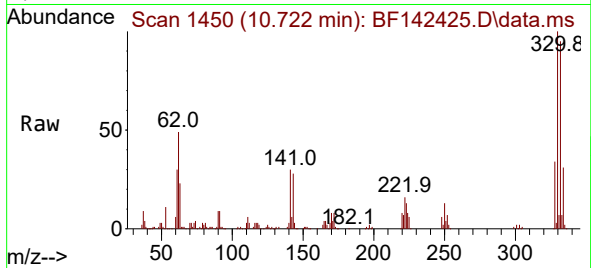
160 43.7 35.3 52.9



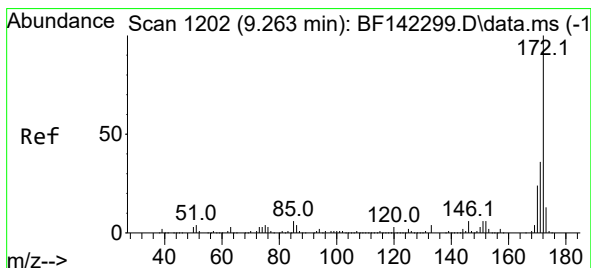
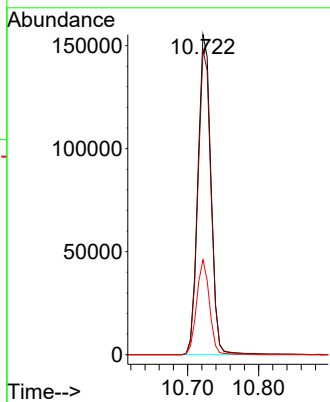
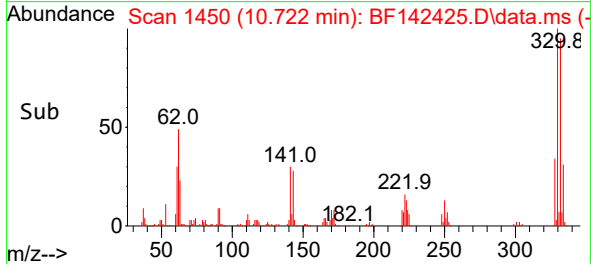


#42
2,4,6-Tribromophenol
Concen: 92.946 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Instrument :
BNA_F
ClientSampleId :
L2-WC-2

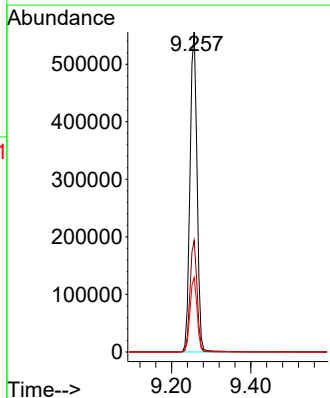
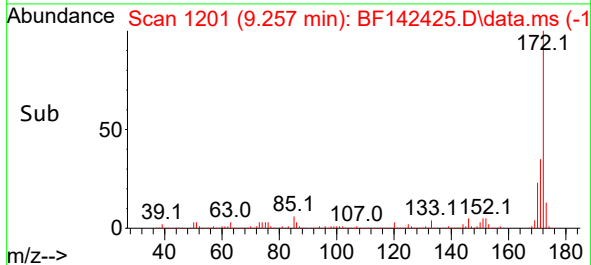
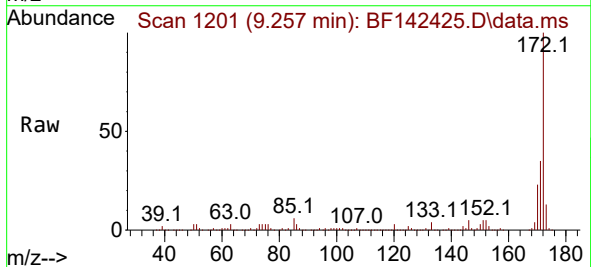


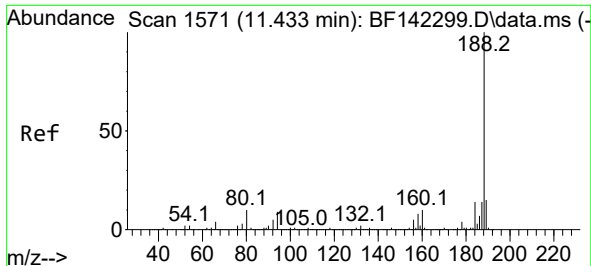
Tgt Ion:330 Resp: 198875
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 29.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 44.524 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:172 Resp: 692027
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.3 19.0 28.4

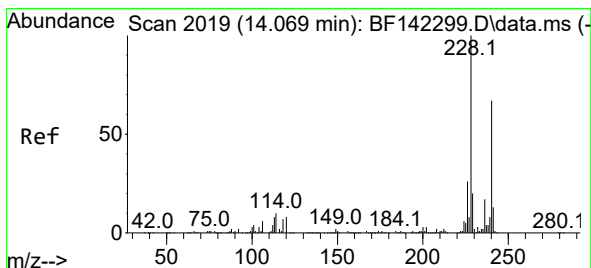
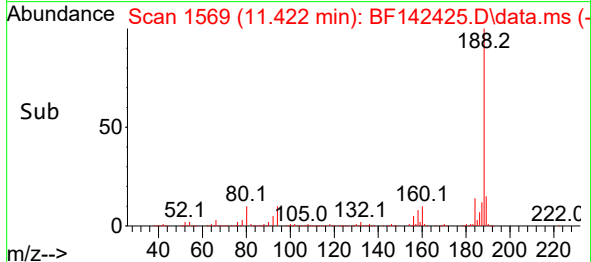
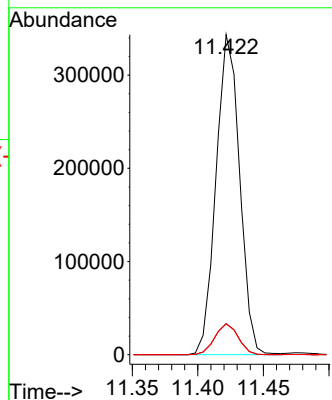
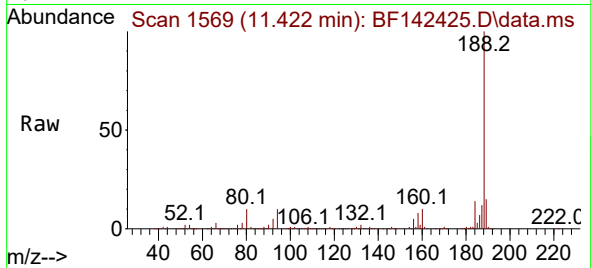




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

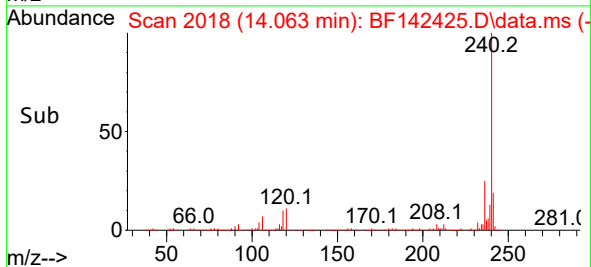
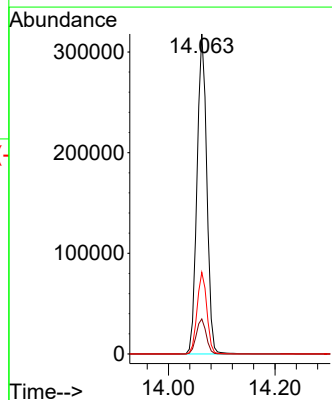
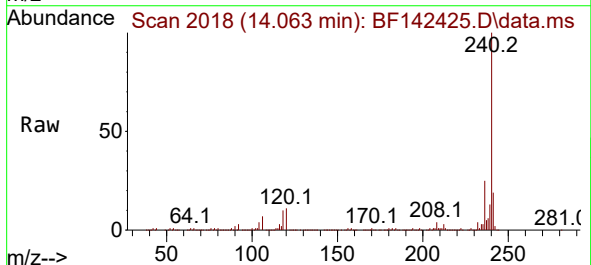
Instrument :
BNA_F
ClientSampleId :
L2-WC-2

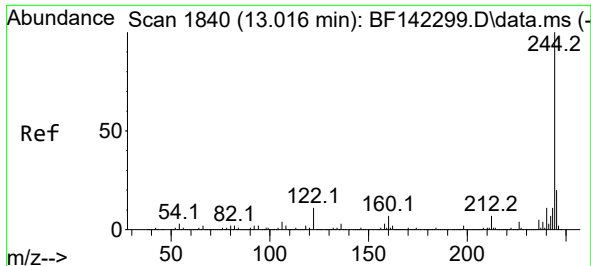
Tgt Ion:188 Resp: 429068
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142425.D
Acq: 16 May 2025 14:17

Tgt Ion:240 Resp: 405516
Ion Ratio Lower Upper
240 100
120 10.9 9.7 14.5
236 25.5 20.0 30.0

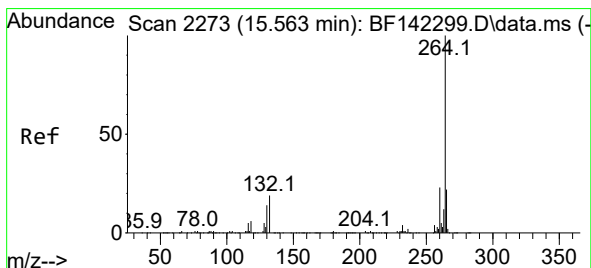
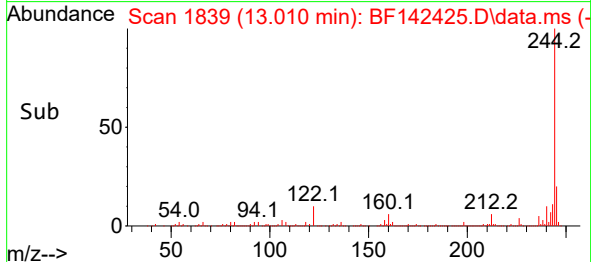
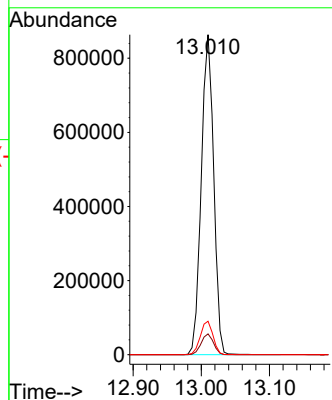
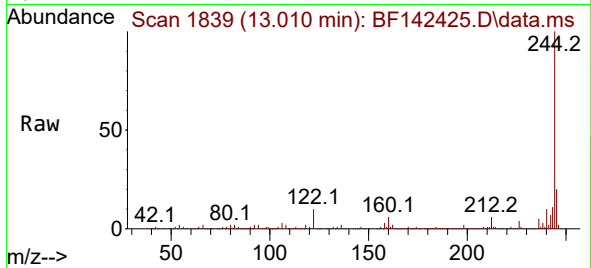




#79
 Terphenyl-d14
 Concen: 39.912 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142425.D
 Acq: 16 May 2025 14:17

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-2

Tgt Ion:244 Resp: 1093499
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.4 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: BF142425.D
 Acq: 16 May 2025 14:17

Tgt Ion:264 Resp: 373753
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.6 17.5 26.3

