

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142405.D
 Acq On : 15 May 2025 21:34
 Operator : RC/JU
 Sample : Q2019-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K

Quant Time: May 16 01:10:01 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)

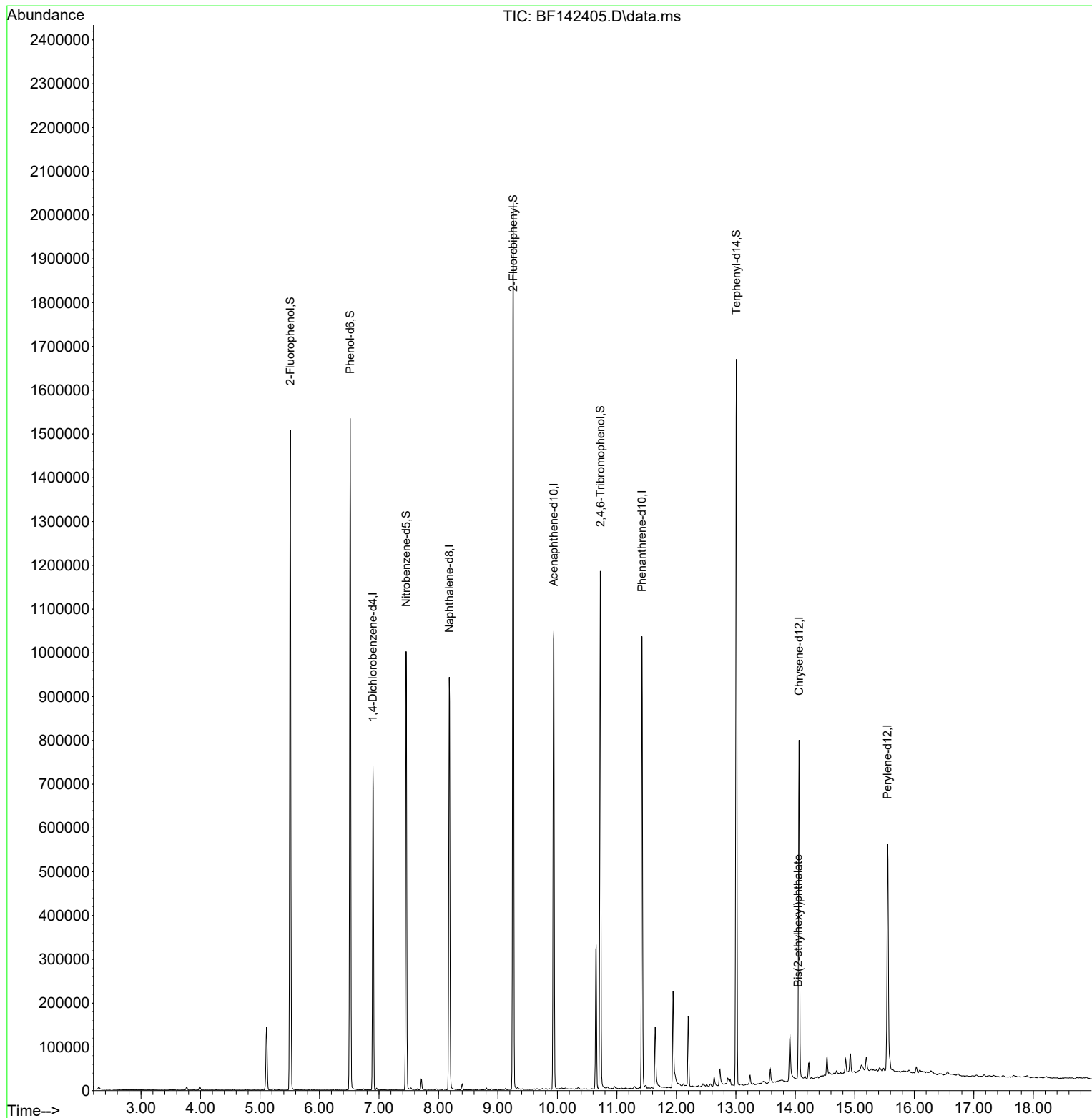
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	161313	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	610687	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	322946	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	531605	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	373231	20.000	ng	0.00
86) Perylene-d12	15.551	264	308553	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	566784	59.979	ng	0.00
7) Phenol-d6	6.516	99	699618	60.196	ng	0.00
23) Nitrobenzene-d5	7.457	82	408957	40.841	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	205801	66.005	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	895448	39.536	ng	0.00
79) Terphenyl-d14	13.010	244	806708	31.991	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	3239	4.471	ng	Qvalue # 98

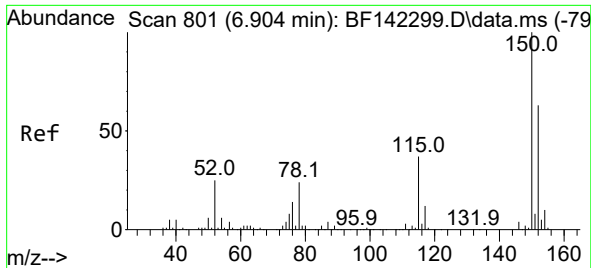
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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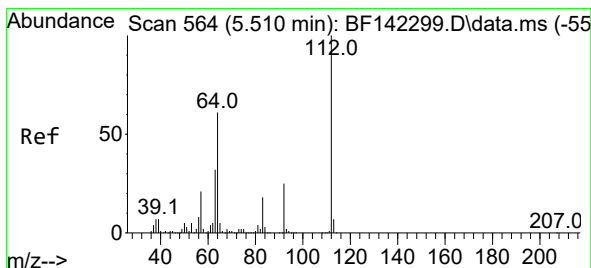
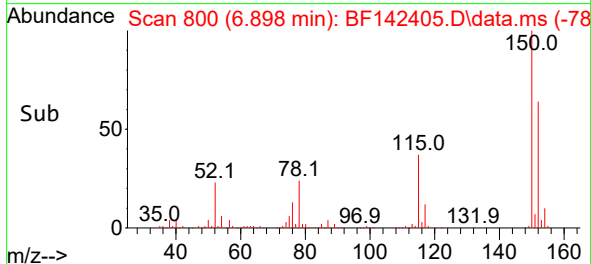
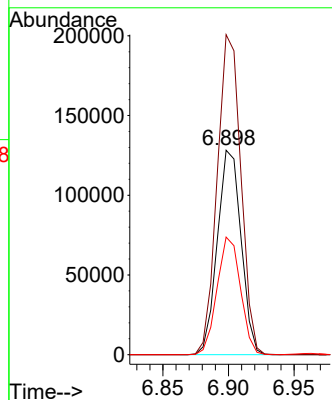
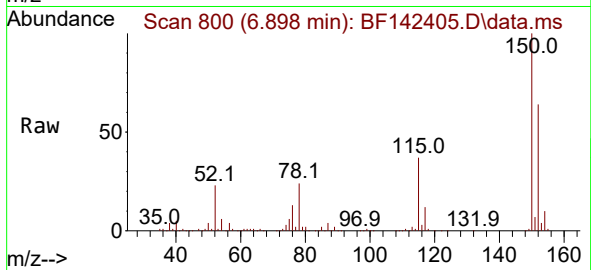




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

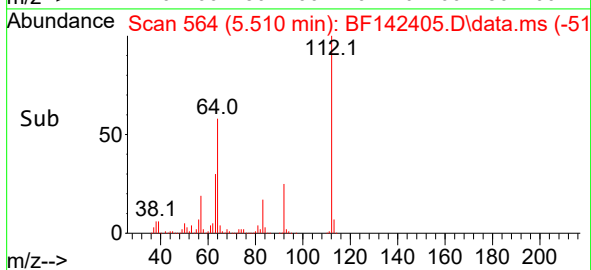
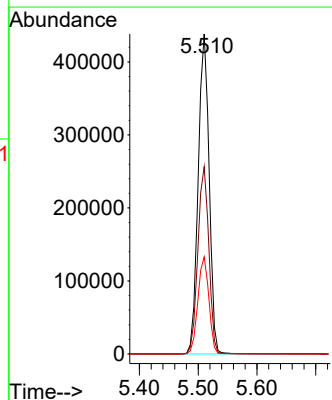
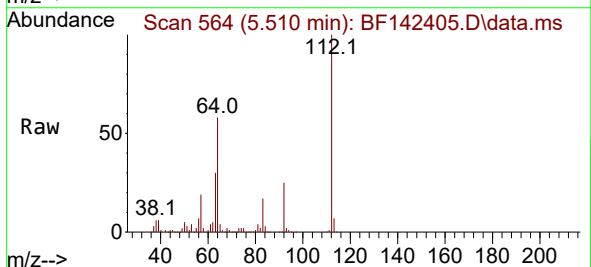
Instrument :
BNA_F
ClientSampleId :
MH-K

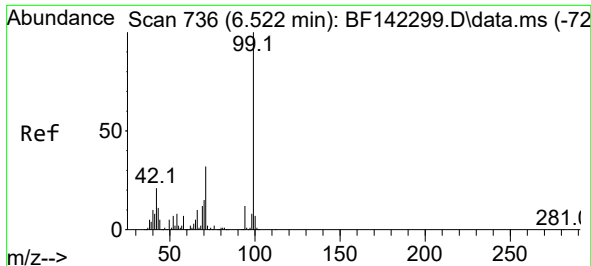
Tgt Ion:152 Resp: 161313
Ion Ratio Lower Upper
152 100
150 156.5 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 59.979 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

Tgt Ion:112 Resp: 566784
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.4 25.6 38.4

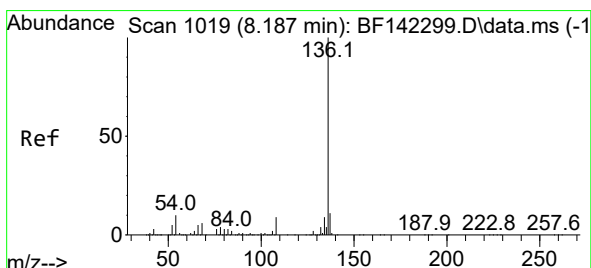
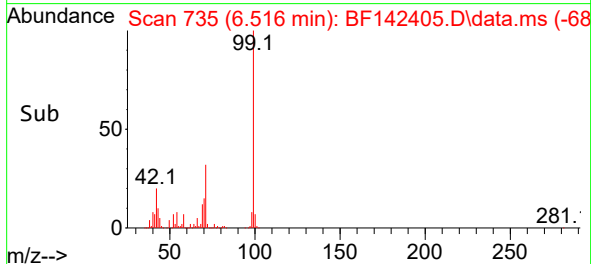
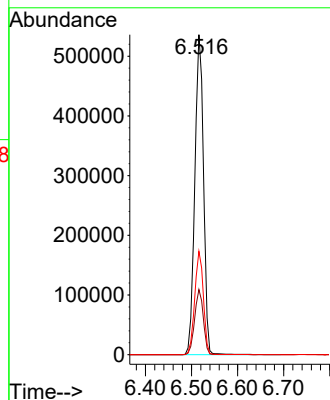
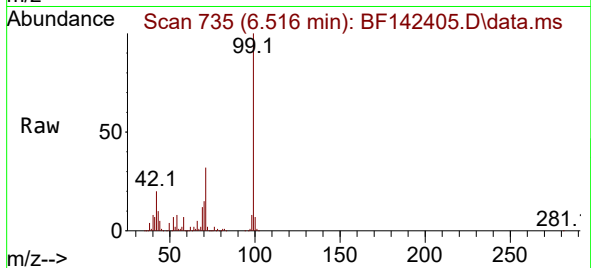




#7
Phenol-d6
Concen: 60.196 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

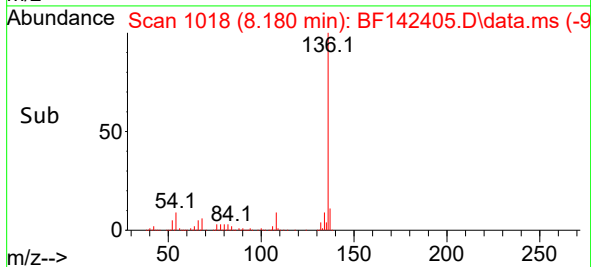
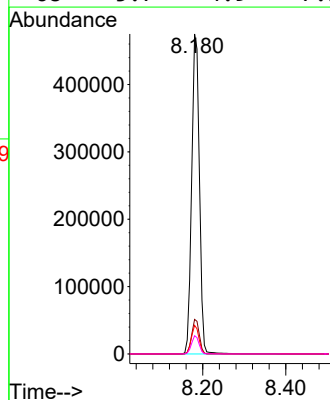
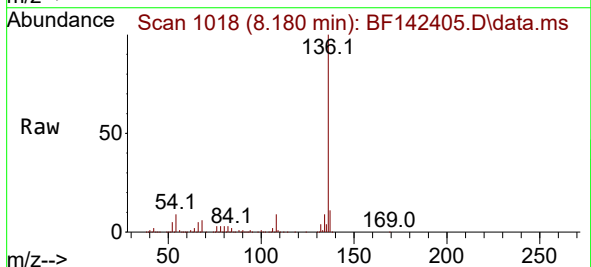
Instrument :
BNA_F
ClientSampleId :
MH-K

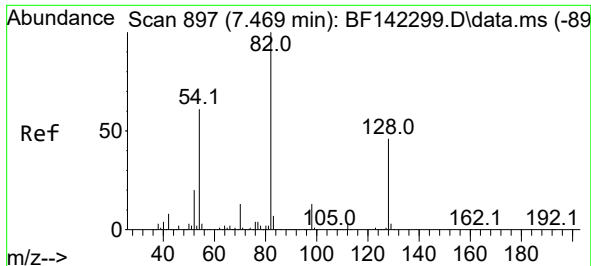
Tgt Ion: 99 Resp: 699618
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 32.3 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

Tgt Ion: 136 Resp: 610687
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.9 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 40.841 ng

RT: 7.457 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF142405.D

Acq: 15 May 2025 21:34

Instrument :

BNA_F

ClientSampleId :

MH-K

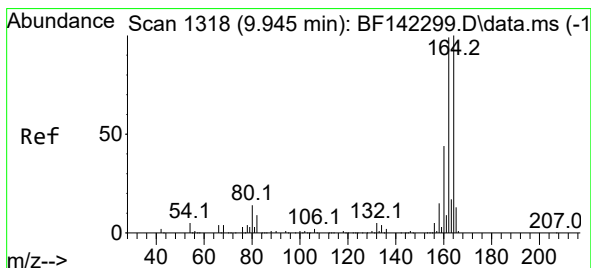
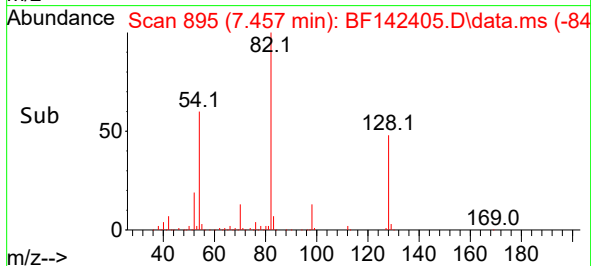
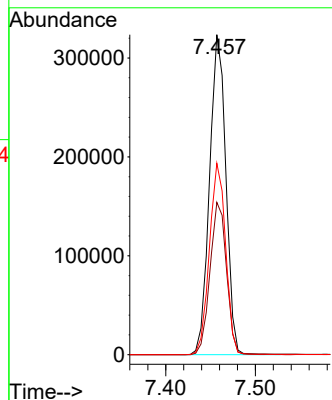
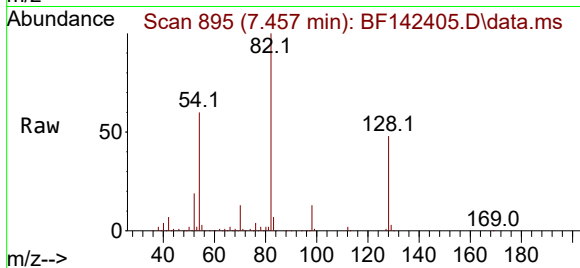
Tgt Ion: 82 Resp: 408957

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 59.8 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: BF142405.D

Acq: 15 May 2025 21:34

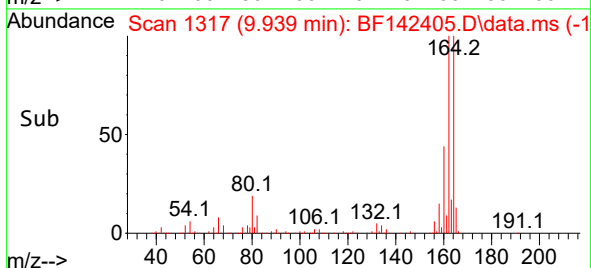
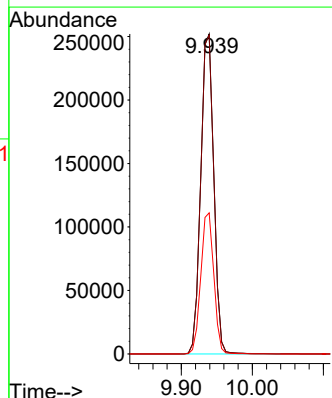
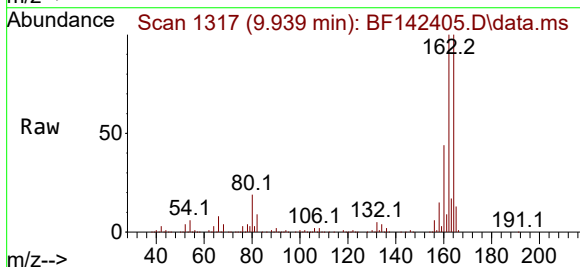
Tgt Ion:164 Resp: 322946

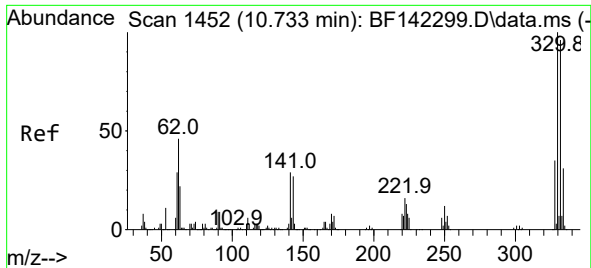
Ion Ratio Lower Upper

164 100

162 99.6 79.2 118.8

160 44.1 35.3 52.9

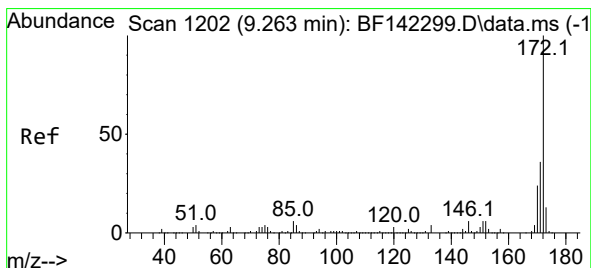
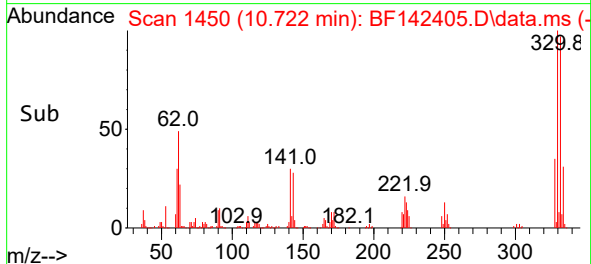
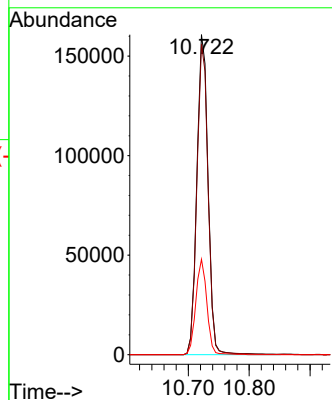
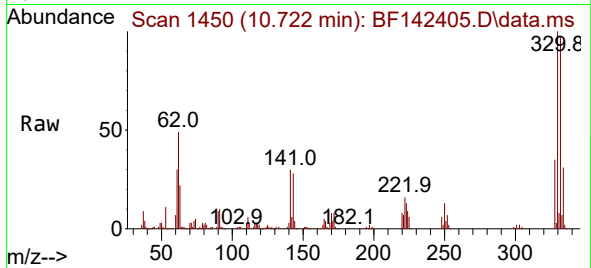




#42
 2,4,6-Tribromophenol
 Concen: 66.005 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF142405.D
 Acq: 15 May 2025 21:34

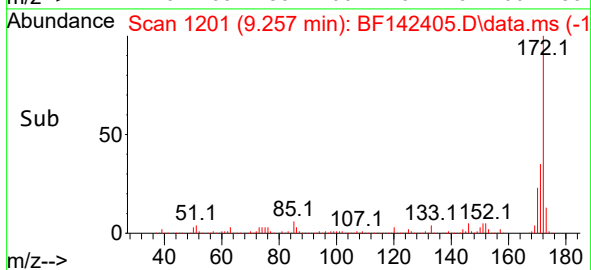
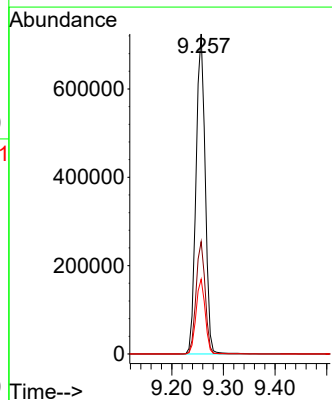
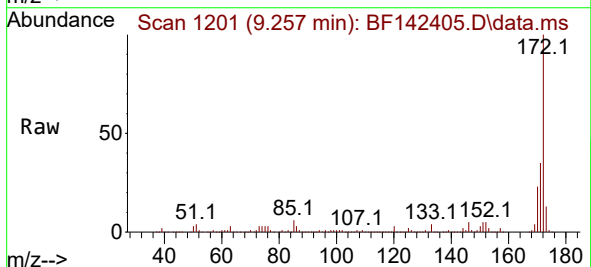
Instrument :
 BNA_F
 ClientSampleId :
 MH-K

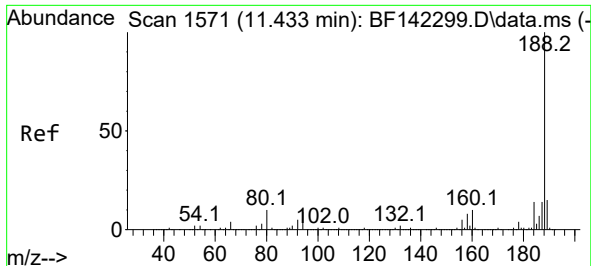
Tgt Ion:330 Resp: 205801
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 29.3 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 39.536 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF142405.D
 Acq: 15 May 2025 21:34

Tgt Ion:172 Resp: 895448
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.3 19.0 28.4

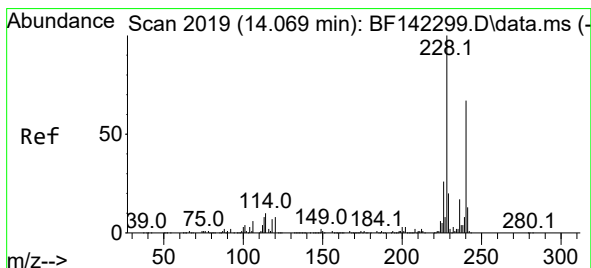
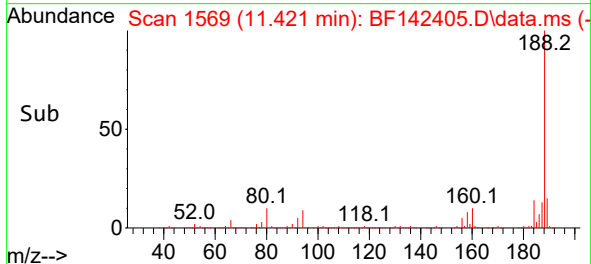
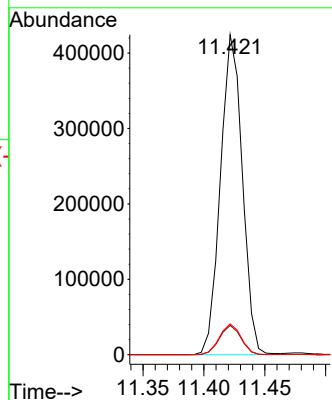
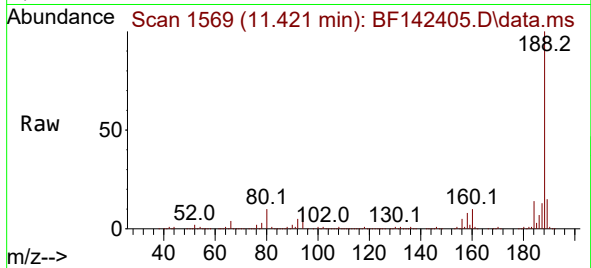




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

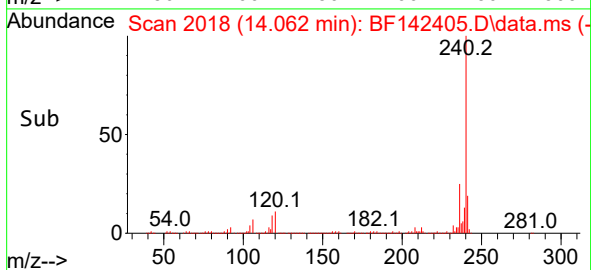
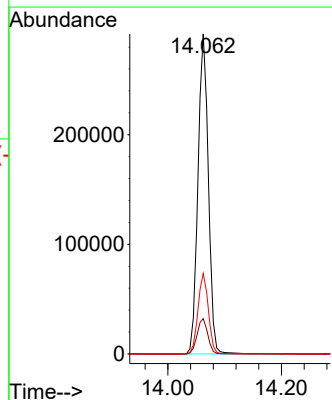
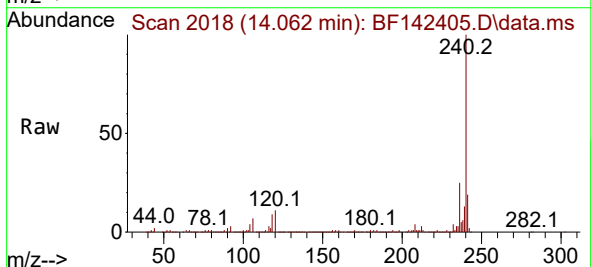
Instrument :
BNA_F
ClientSampleId :
MH-K

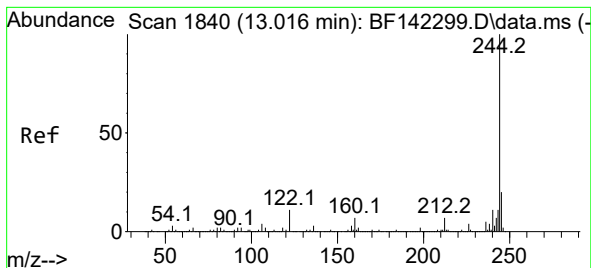
Tgt Ion:188 Resp: 531605
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

Tgt Ion:240 Resp: 373231
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.1 20.0 30.0





#79

Terphenyl-d14

Concen: 31.991 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142405.D

Acq: 15 May 2025 21:34

Instrument :

BNA_F

ClientSampleId :

MH-K

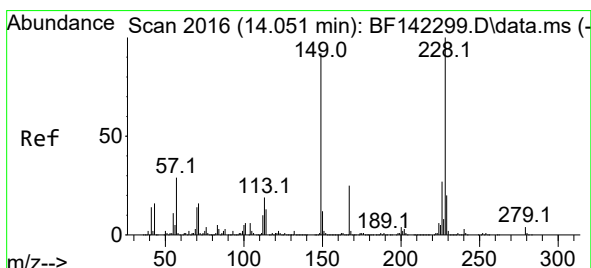
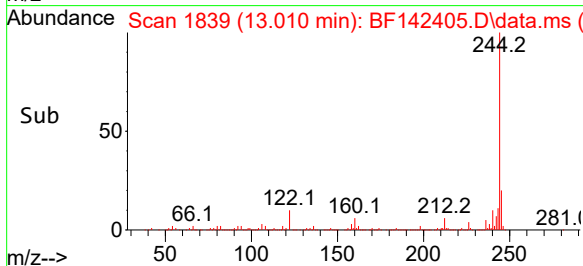
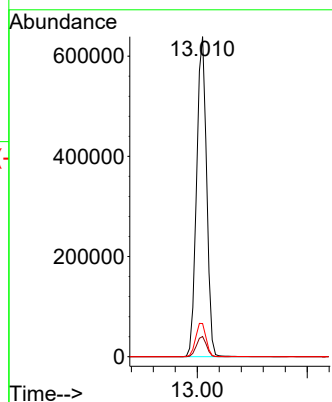
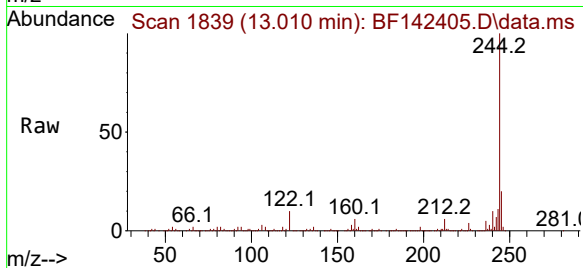
Tgt Ion:244 Resp: 806708

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.4 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.471 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142405.D

Acq: 15 May 2025 21:34

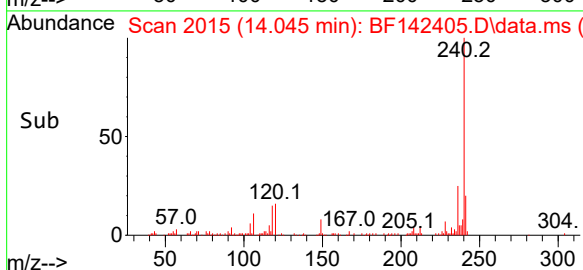
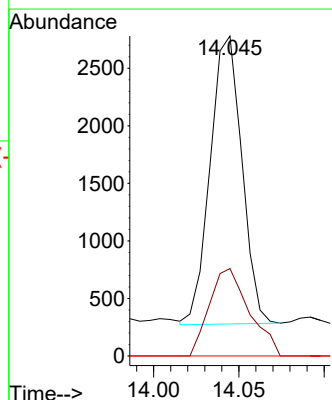
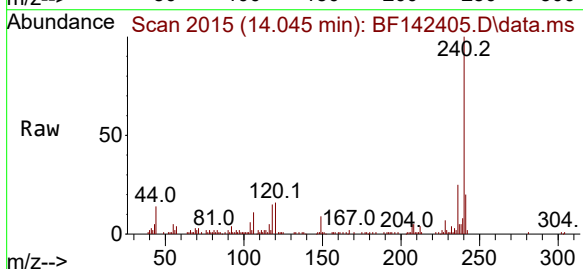
Tgt Ion:149 Resp: 3239

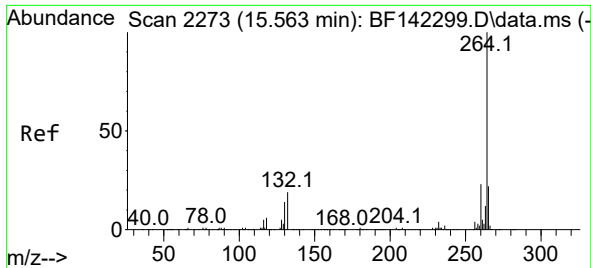
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

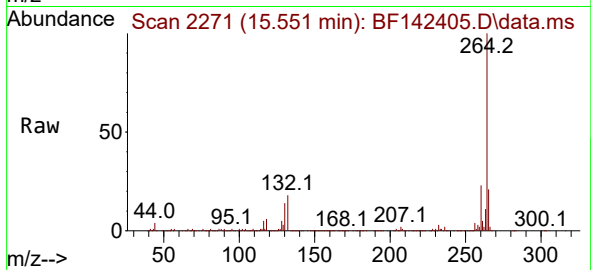
279 0.0 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142405.D
Acq: 15 May 2025 21:34

Instrument :
BNA_F
ClientSampleId :
MH-K



Tgt Ion:	264	Resp:	308553
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.4	17.5	26.3

