

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142400.D
 Acq On : 15 May 2025 19:09
 Operator : RC/JU
 Sample : Q2022-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: May 16 01:07:54 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)

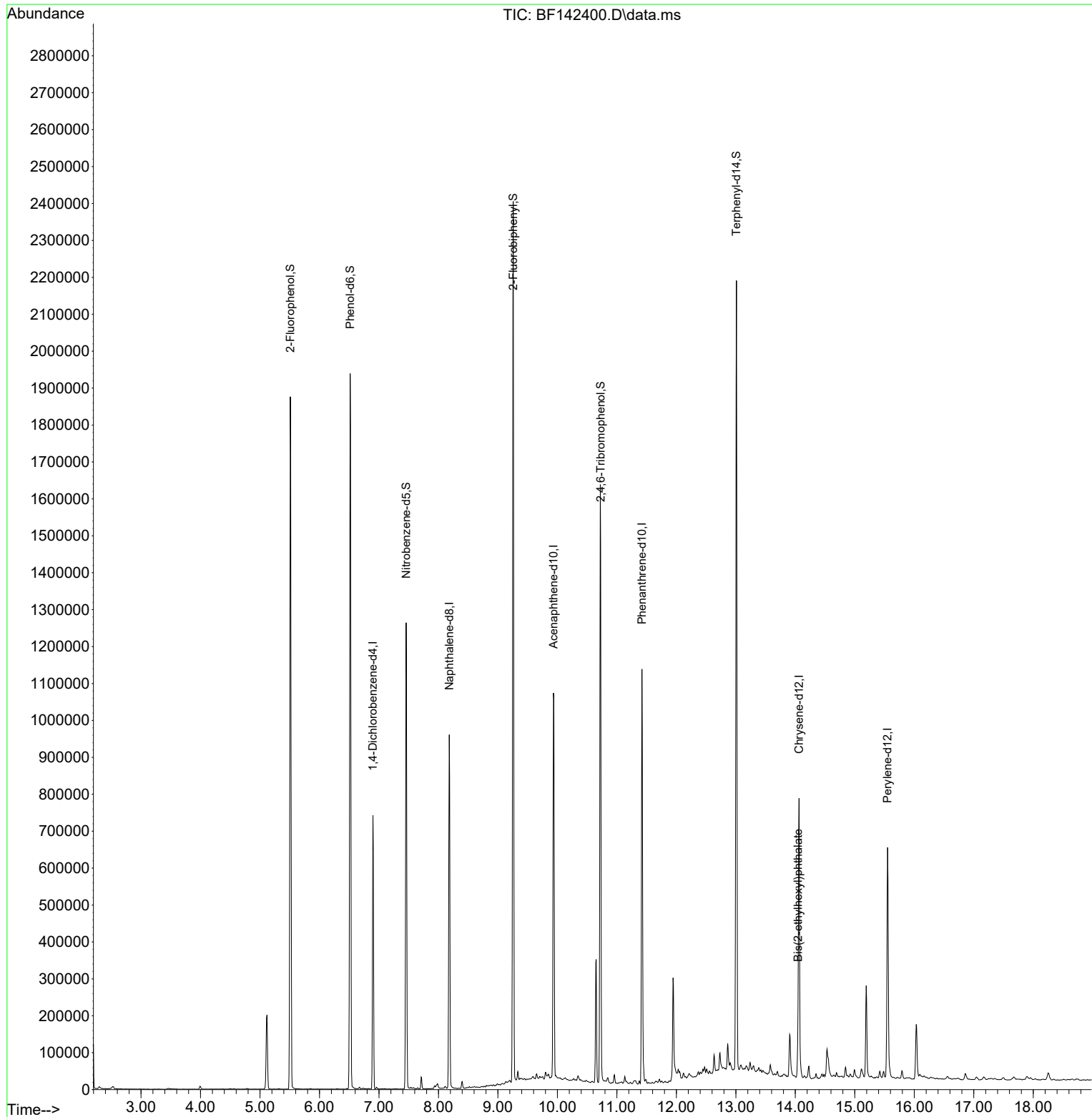
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	158297	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	602814	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	328097	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	571828	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	359001	20.000	ng	0.00
86) Perylene-d12	15.551	264	365604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	721502	77.807	ng	0.00
7) Phenol-d6	6.516	99	916930	80.397	ng	0.00
23) Nitrobenzene-d5	7.457	82	523041	52.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	295409	93.256	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1065208	46.293	ng	0.00
79) Terphenyl-d14	13.010	244	1033005	42.589	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	29153	6.426	ng	Qvalue 98

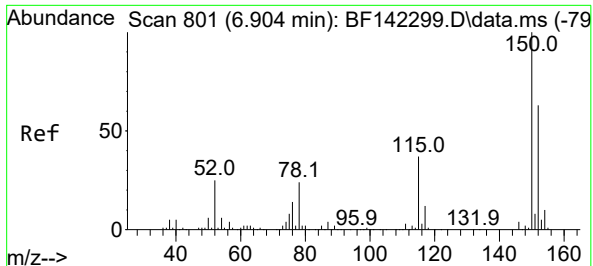
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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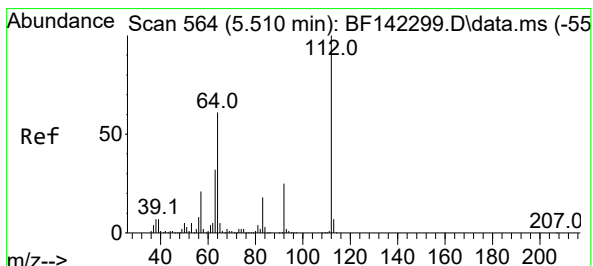
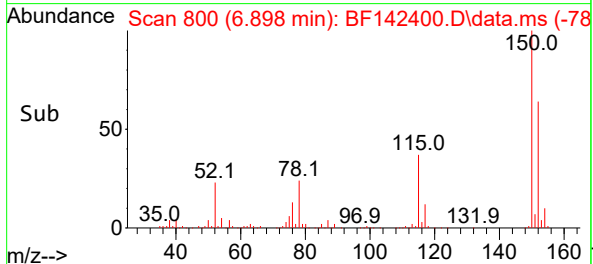
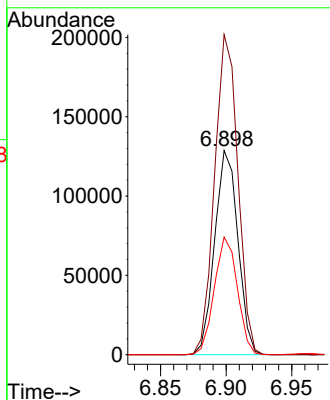
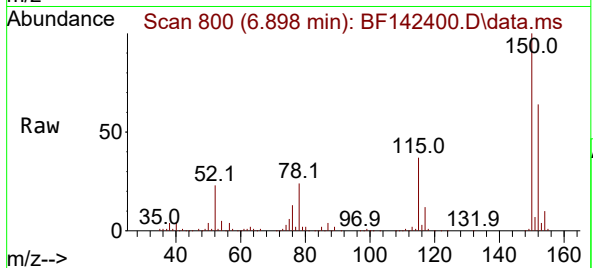




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

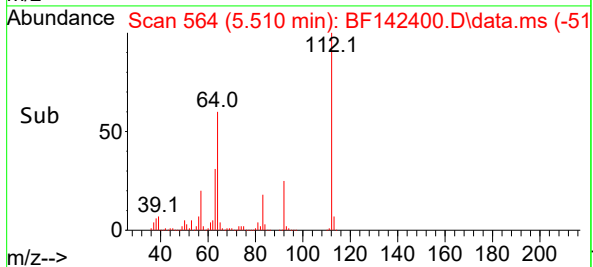
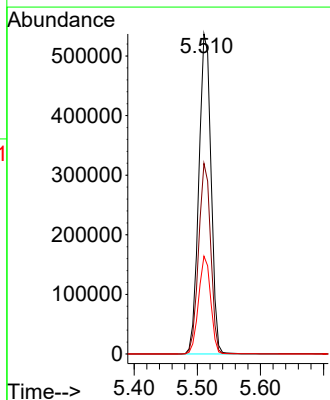
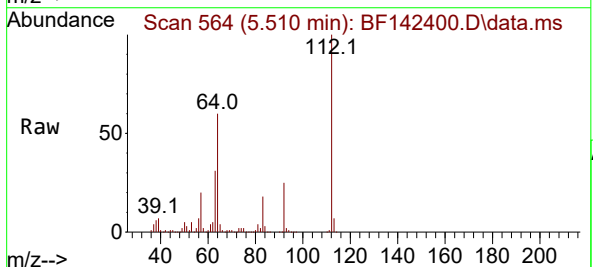
Instrument :
BNA_F
ClientSampleId :
COMP-2

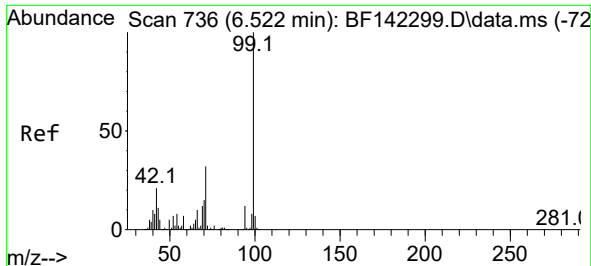
Tgt Ion:152 Resp: 158297
Ion Ratio Lower Upper
152 100
150 156.7 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 77.807 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

Tgt Ion:112 Resp: 721502
Ion Ratio Lower Upper
112 100
64 59.5 48.9 73.3
63 30.6 25.6 38.4

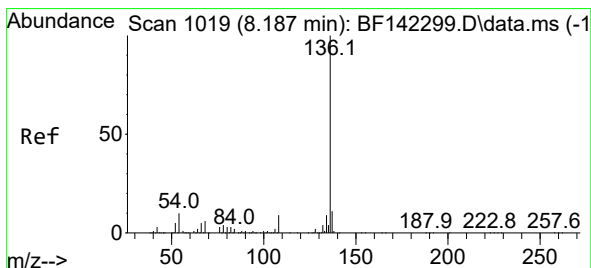
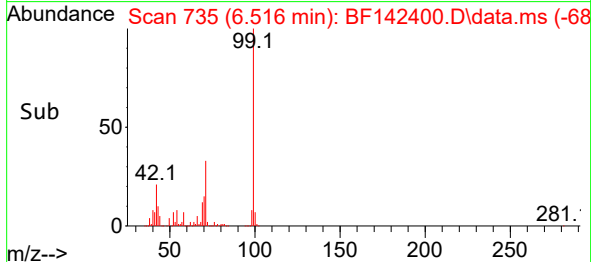
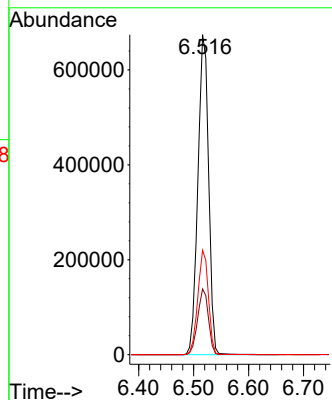
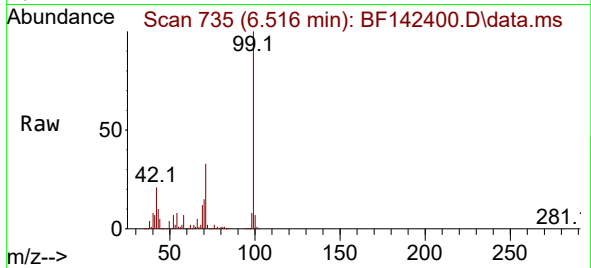




#7
Phenol-d6
Concen: 80.397 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

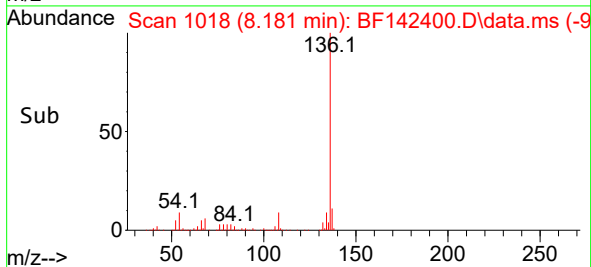
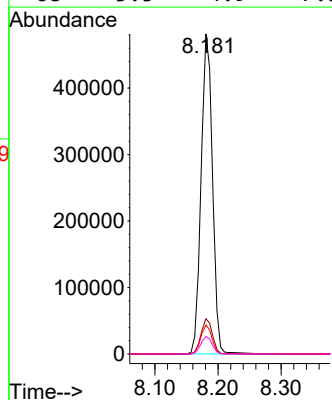
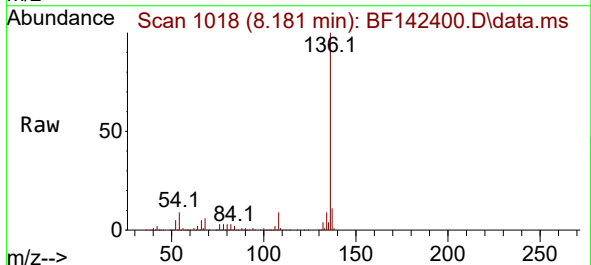
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 916930
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.6 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: BF142400.D
Acq: 15 May 2025 19:09

Tgt Ion: 136 Resp: 602814
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 7.7 11.5
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 52.916 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142400.D

Acq: 15 May 2025 19:09

Instrument :

BNA_F

ClientSampleId :

COMP-2

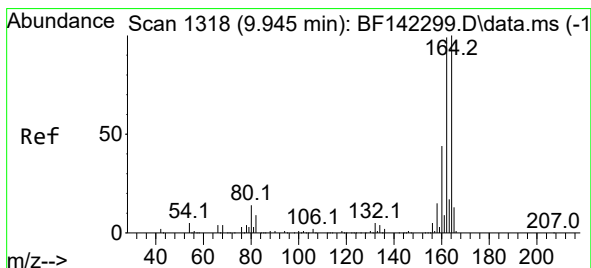
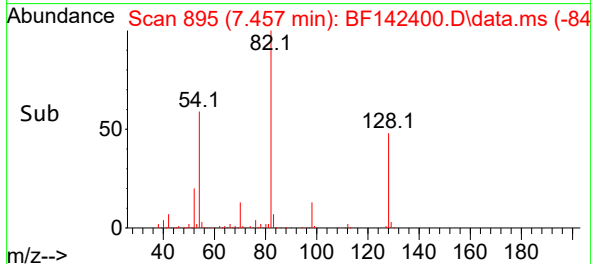
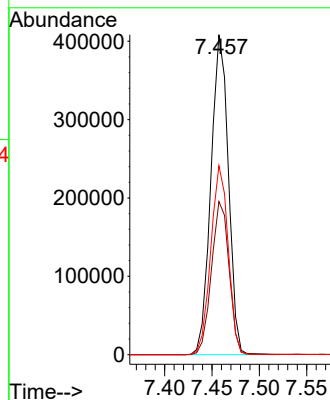
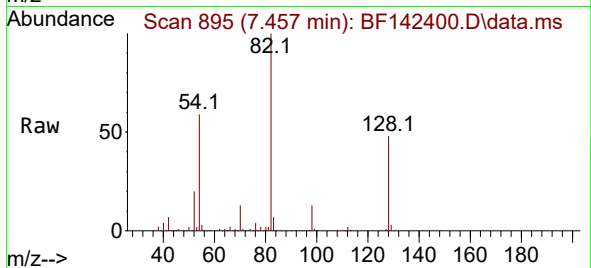
Tgt Ion: 82 Resp: 523041

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 59.1 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.011 min

Lab File: BF142400.D

Acq: 15 May 2025 19:09

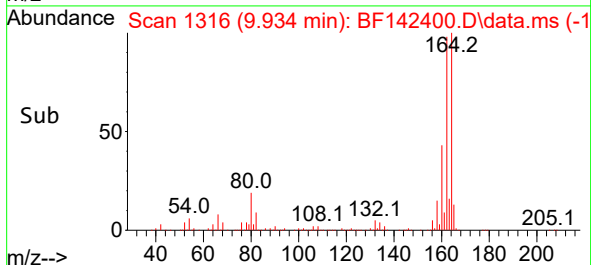
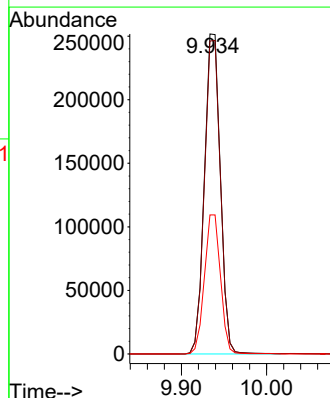
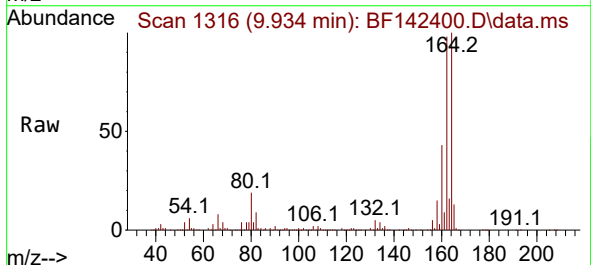
Tgt Ion:164 Resp: 328097

Ion Ratio Lower Upper

164 100

162 97.8 79.2 118.8

160 43.5 35.3 52.9

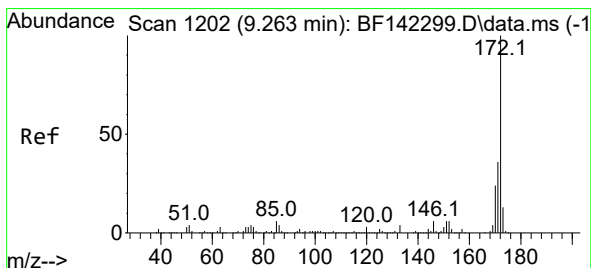
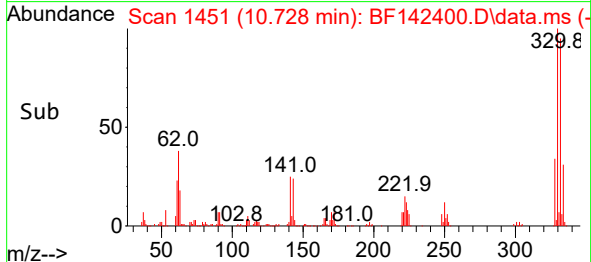
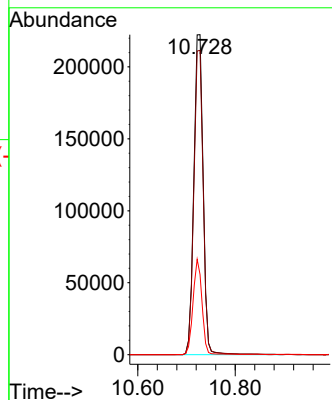
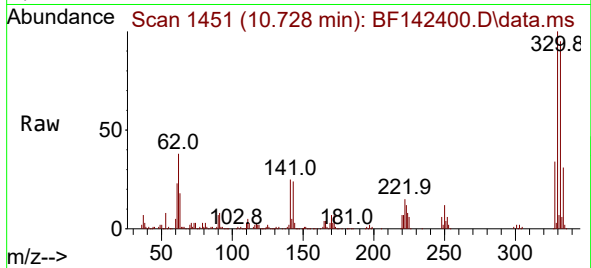




#42
2,4,6-Tribromophenol
Concen: 93.256 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

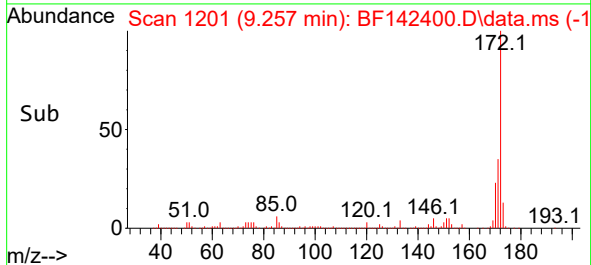
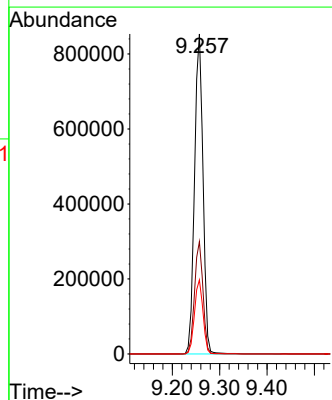
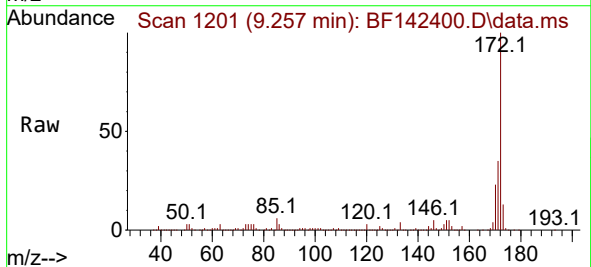
Instrument :
BNA_F
ClientSampleId :
COMP-2

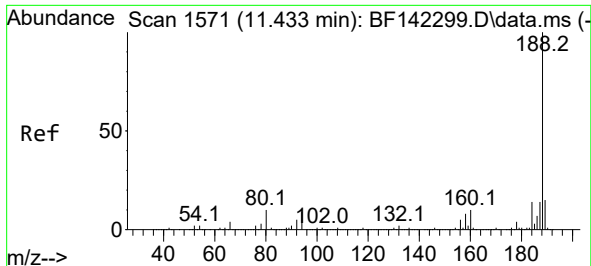
Tgt Ion:330 Resp: 295409
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 28.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 46.293 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

Tgt Ion:172 Resp: 1065208
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.2 19.0 28.4

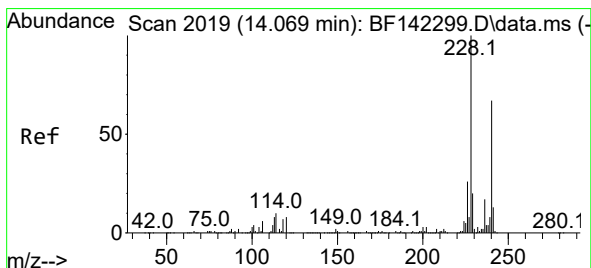
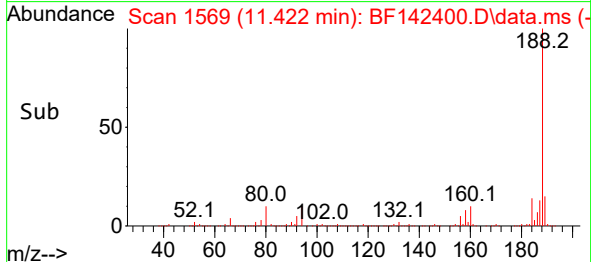
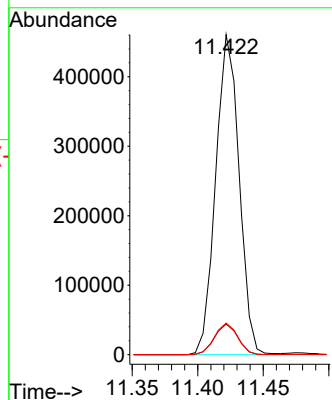
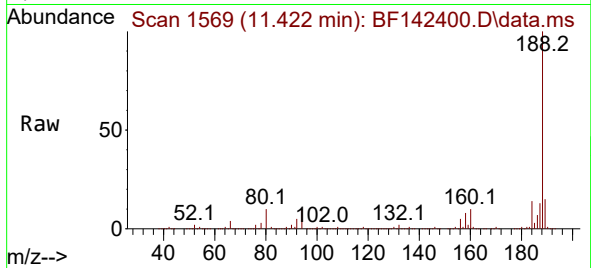




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

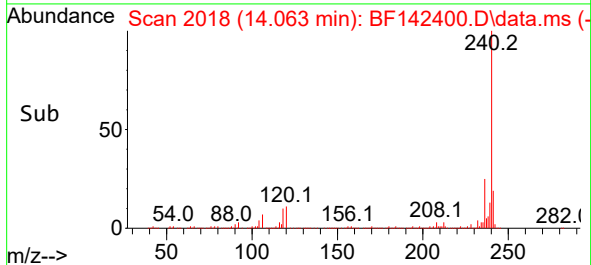
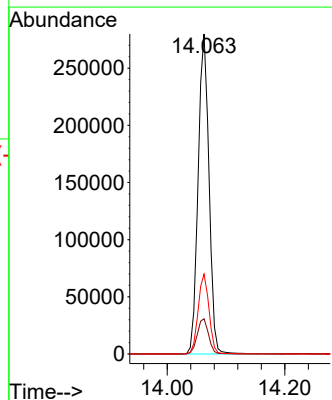
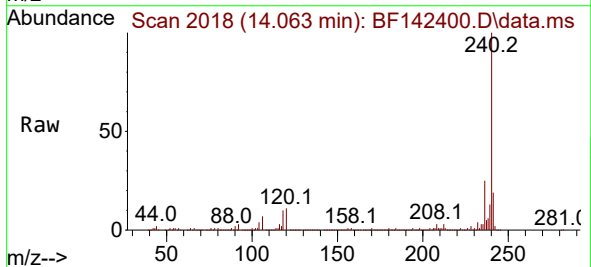
Instrument :
BNA_F
ClientSampleId :
COMP-2

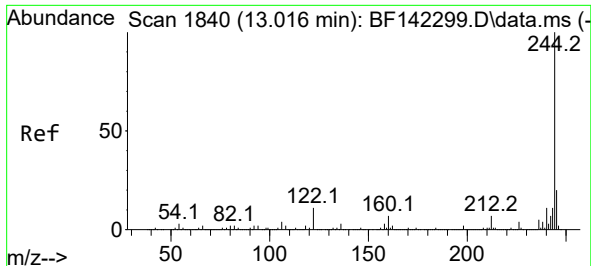
Tgt Ion:188 Resp: 571828
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

Tgt Ion:240 Resp: 359001
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.0 20.0 30.0

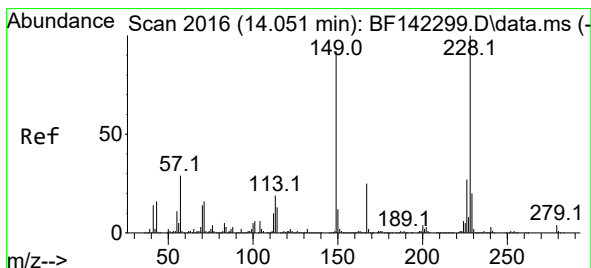
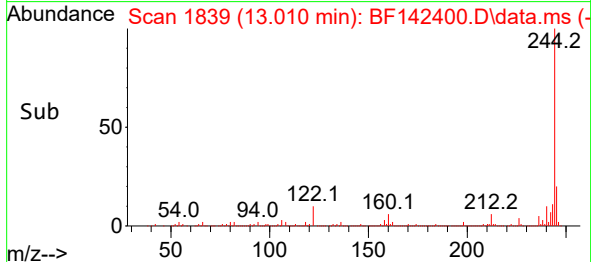
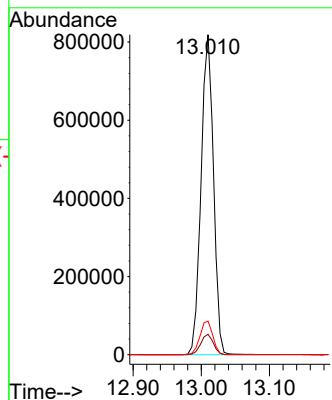
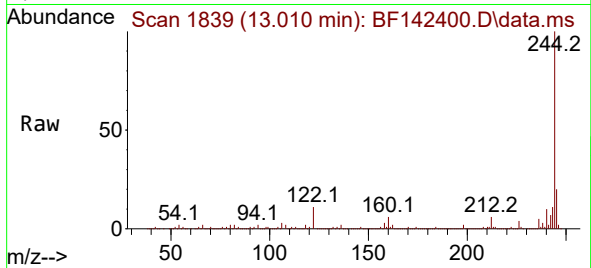




#79
 Terphenyl-d14
 Concen: 42.589 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142400.D
 Acq: 15 May 2025 19:09

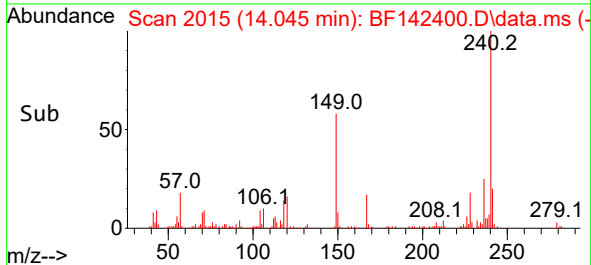
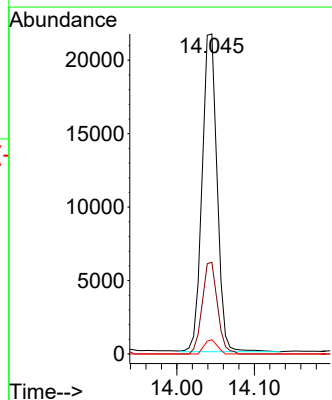
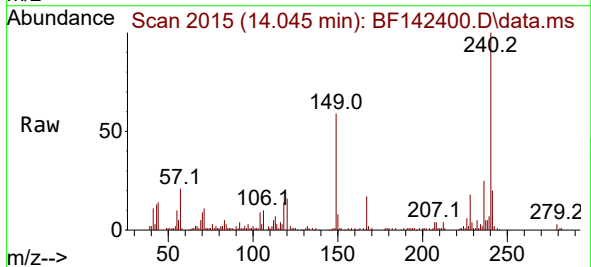
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

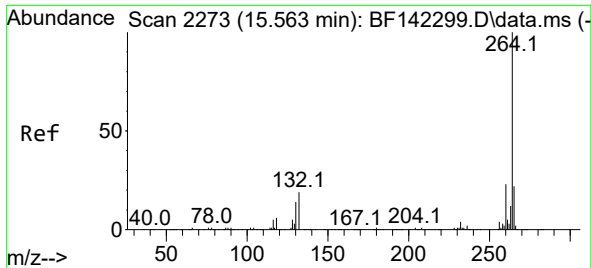
Tgt Ion:244 Resp: 1033005
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.5 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.426 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142400.D
 Acq: 15 May 2025 19:09

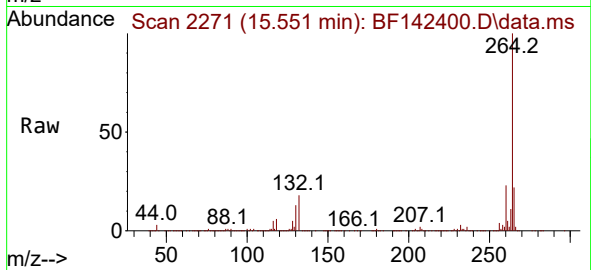
Tgt Ion:149 Resp: 29153
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.0 33.0
 279 4.5 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142400.D
Acq: 15 May 2025 19:09

Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:264 Resp: 365604
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.7 17.5 26.3

