

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142351.D
 Acq On : 13 May 2025 18:37
 Operator : RC/JU
 Sample : Q2004-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 205510

Quant Time: May 14 00:56:29 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)

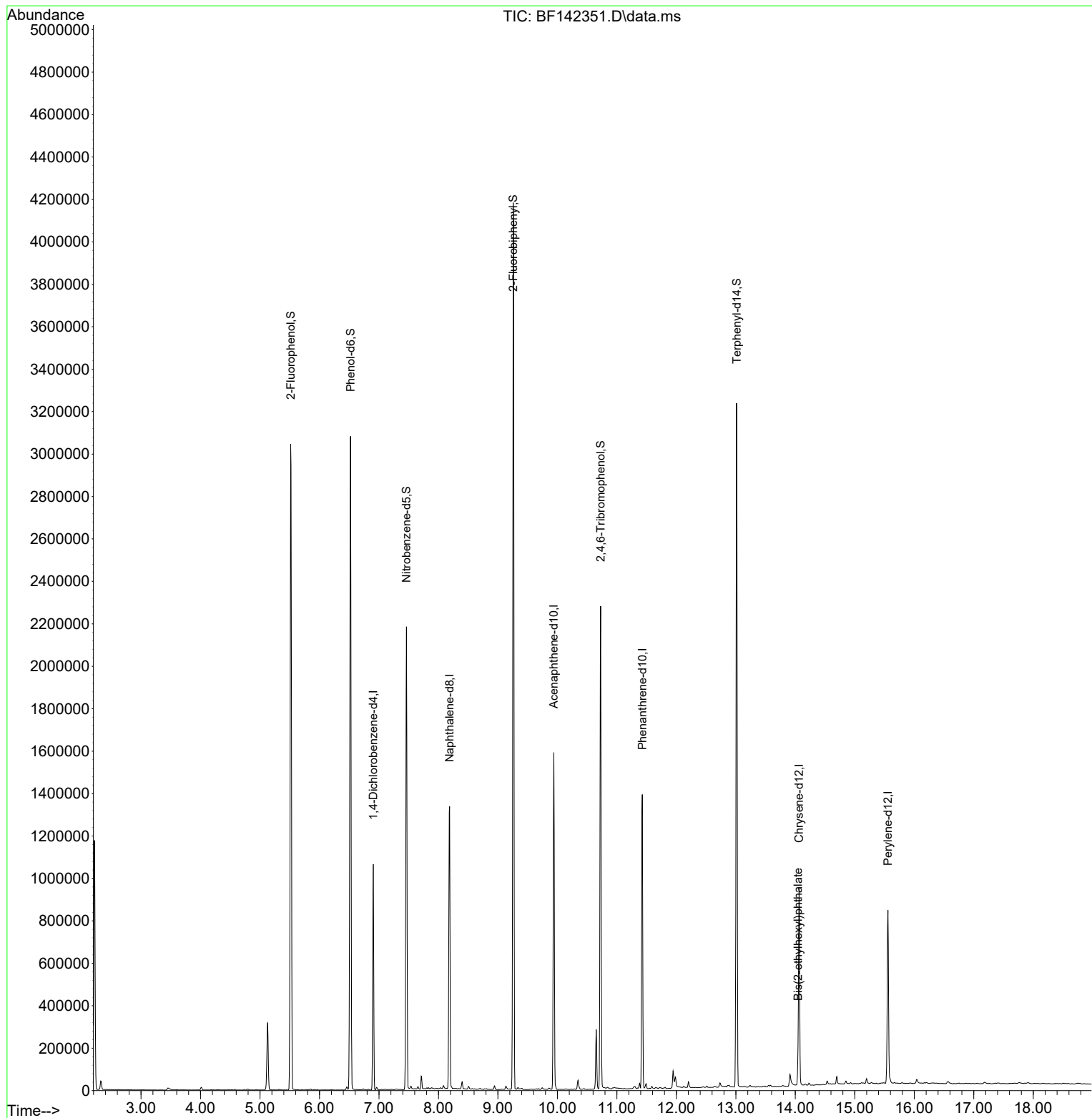
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	227031	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	874075	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	459844	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	723339	20.000	ng	0.00
76) Chrysene-d12	14.063	240	443337	20.000	ng	0.00
86) Perylene-d12	15.557	264	473204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1233615	92.757	ng	0.00
7) Phenol-d6	6.522	99	1528052	93.417	ng	0.00
23) Nitrobenzene-d5	7.463	82	924731	64.522	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	406391	91.536	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1936155	60.036	ng	0.00
79) Terphenyl-d14	13.016	244	1635209	54.592	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	45818	7.022	ng	Qvalue 98

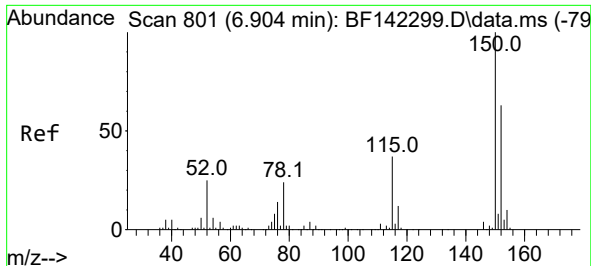
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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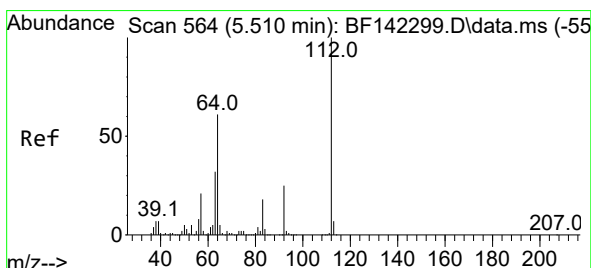
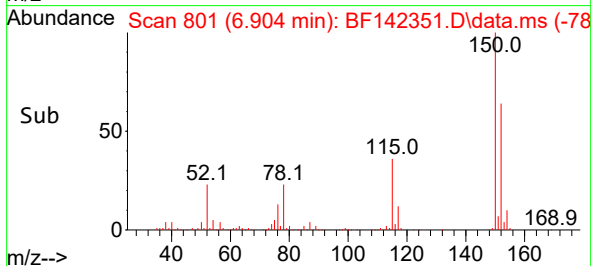
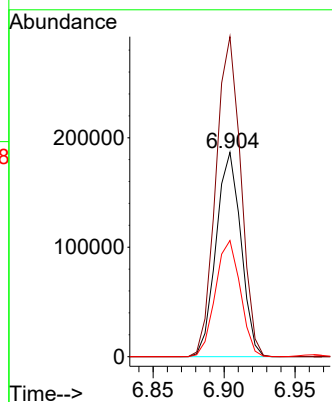
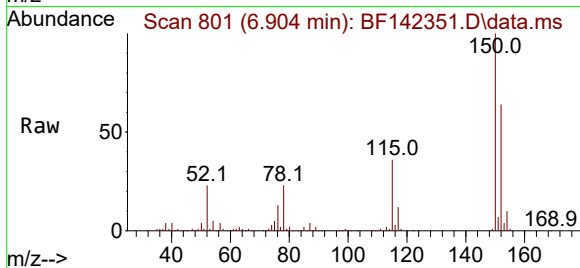




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142351.D
Acq: 13 May 2025 18:37

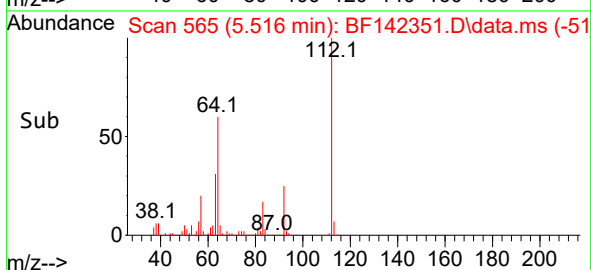
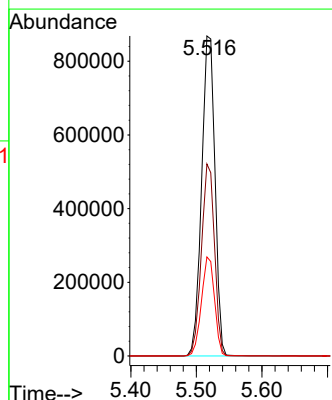
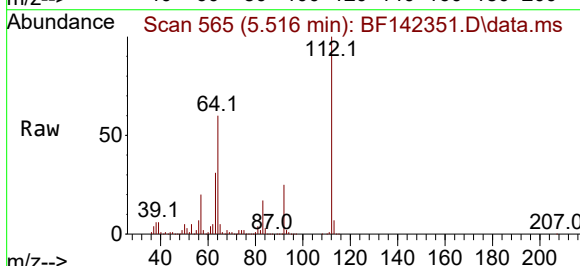
Instrument :
BNA_F
ClientSampleId :
205510

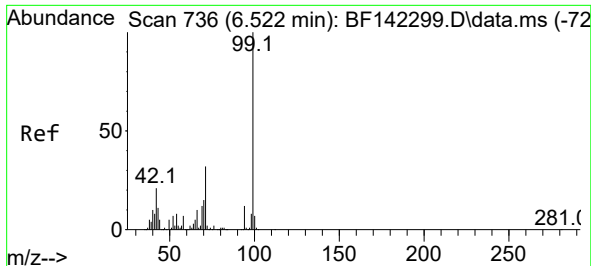
Tgt Ion:152 Resp: 227031
Ion Ratio Lower Upper
152 100
150 156.6 126.6 190.0
115 56.9 47.3 70.9



#5
2-Fluorophenol
Concen: 92.757 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142351.D
Acq: 13 May 2025 18:37

Tgt Ion:112 Resp: 1233615
Ion Ratio Lower Upper
112 100
64 60.0 48.9 73.3
63 30.9 25.6 38.4

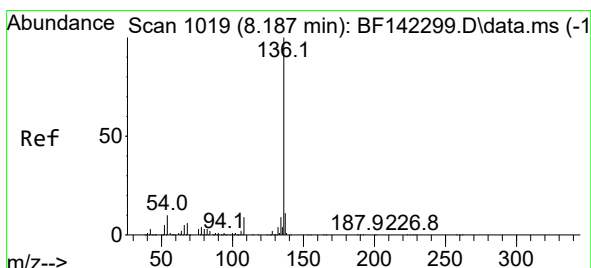
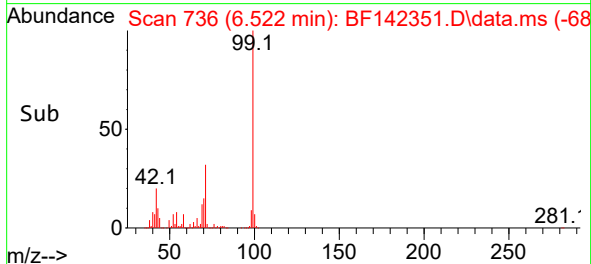
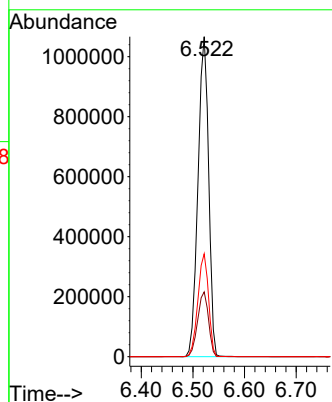
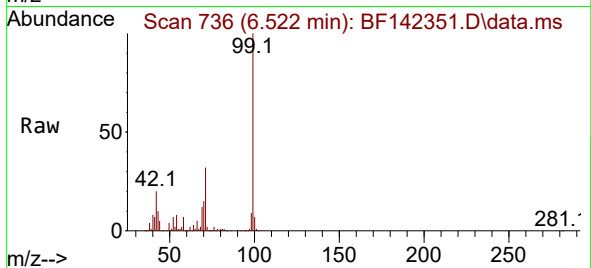




#7
Phenol-d6
Concen: 93.417 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142351.D
Acq: 13 May 2025 18:37

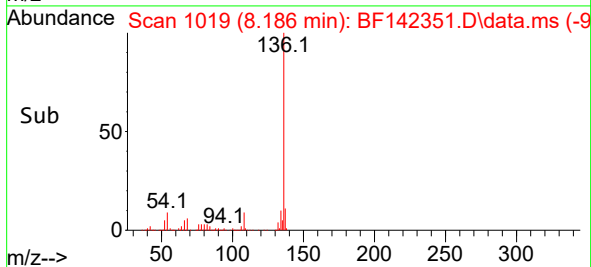
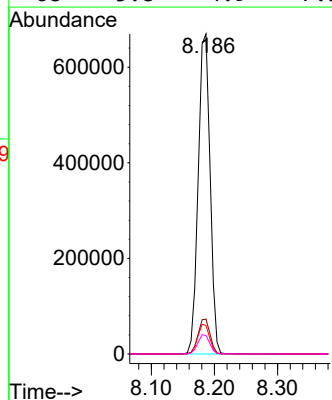
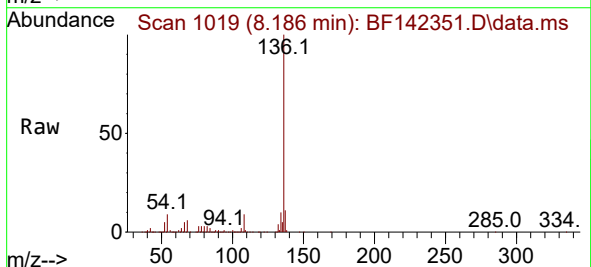
Instrument :
BNA_F
ClientSampleId :
205510

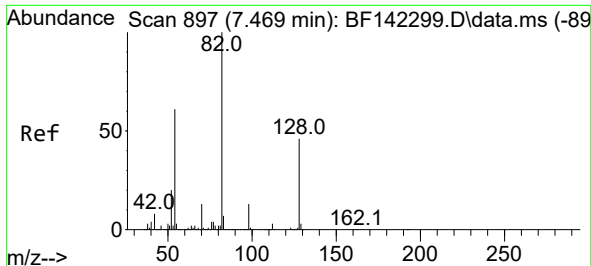
Tgt Ion: 99 Resp: 1528052
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142351.D
Acq: 13 May 2025 18:37

Tgt Ion:136 Resp: 874075
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.9 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 64.522 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142351.D

Acq: 13 May 2025 18:37

Instrument :

BNA_F

ClientSampleId :

205510

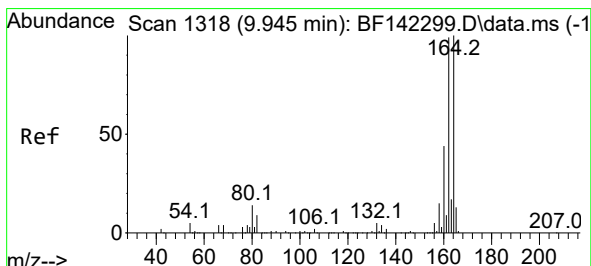
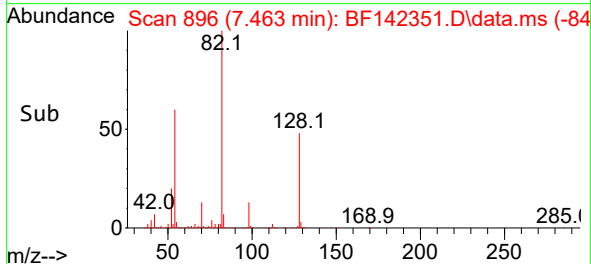
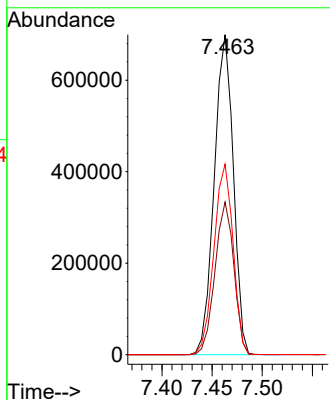
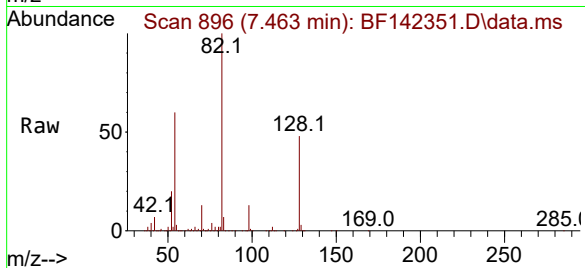
Tgt Ion: 82 Resp: 924731

Ion Ratio Lower Upper

82 100

128 47.7 37.0 55.6

54 59.6 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: BF142351.D

Acq: 13 May 2025 18:37

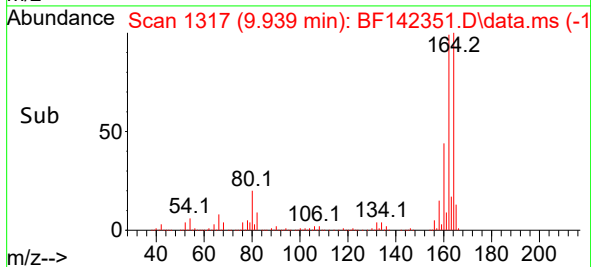
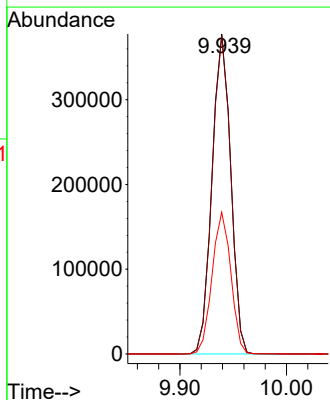
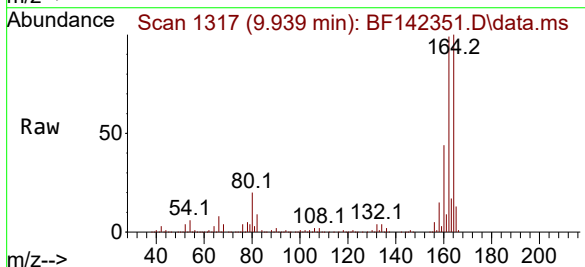
Tgt Ion: 164 Resp: 459844

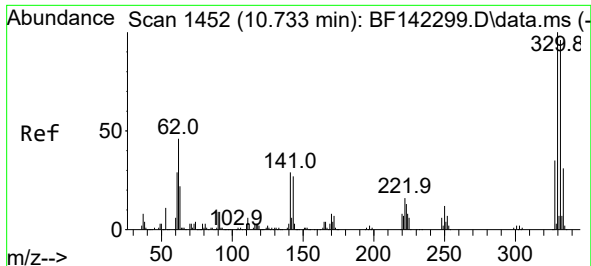
Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

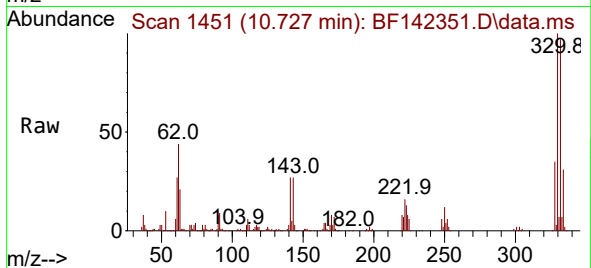
160 44.2 35.3 52.9



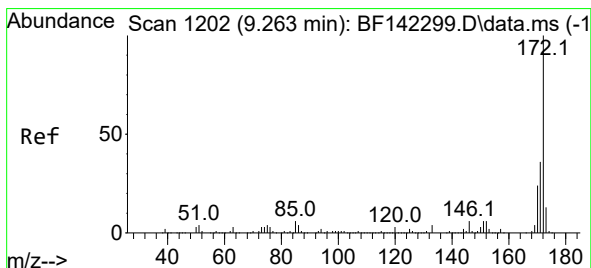
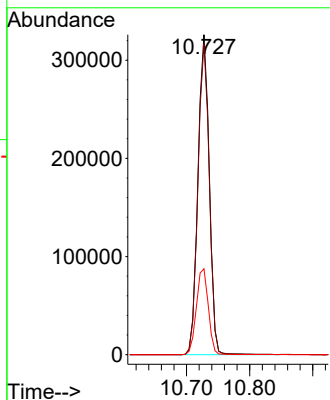
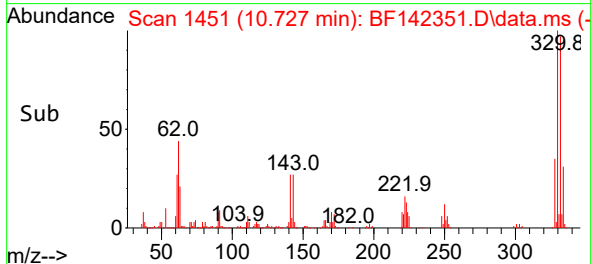


#42
 2,4,6-Tribromophenol
 Concen: 91.536 ng
 RT: 10.727 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142351.D
 Acq: 13 May 2025 18:37

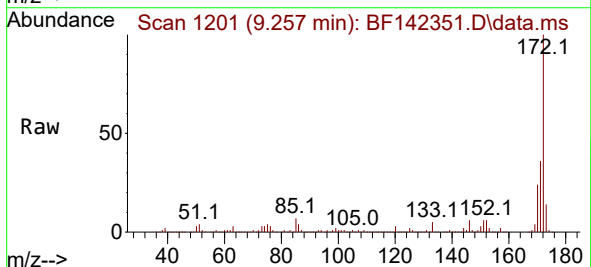
Instrument :
 BNA_F
 ClientSampleId :
 205510



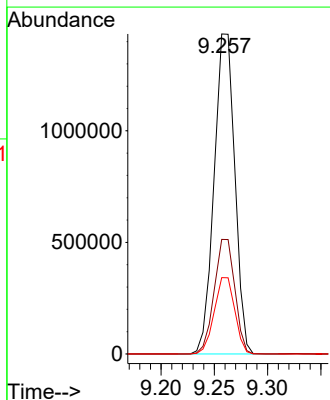
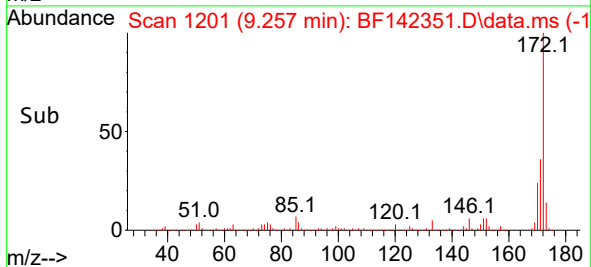
Tgt Ion:330 Resp: 406391
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 28.4 24.9 37.3

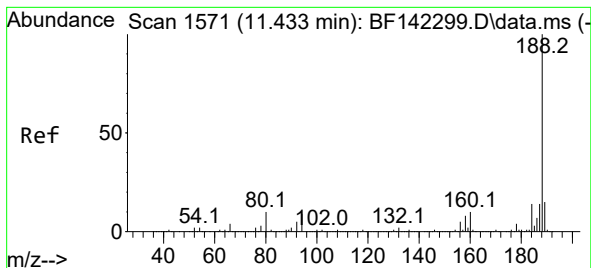


#45
 2-Fluorobiphenyl
 Concen: 60.036 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF142351.D
 Acq: 13 May 2025 18:37



Tgt Ion:172 Resp: 1936155
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142351.D

Acq: 13 May 2025 18:37

Instrument :

BNA_F

ClientSampleId :

205510

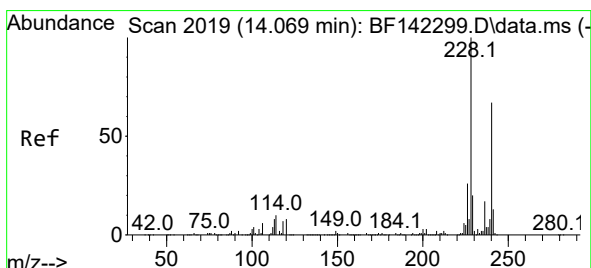
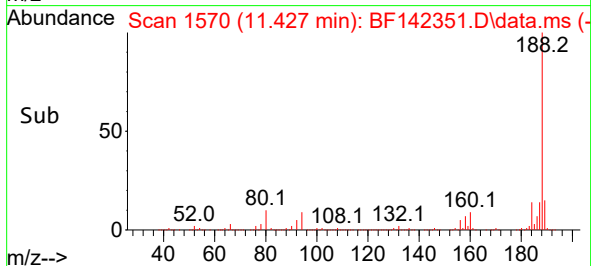
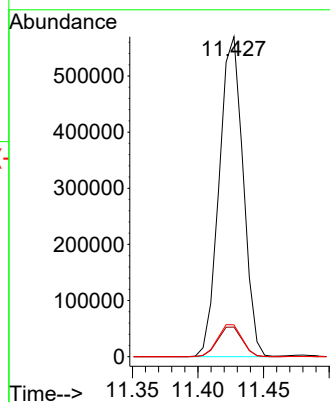
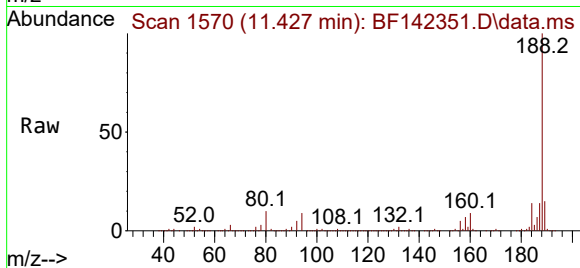
Tgt Ion:188 Resp: 723339

Ion Ratio Lower Upper

188 100

94 9.3 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: BF142351.D

Acq: 13 May 2025 18:37

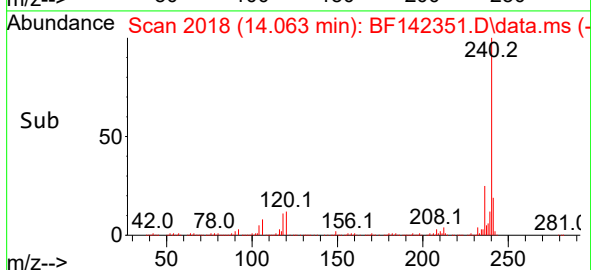
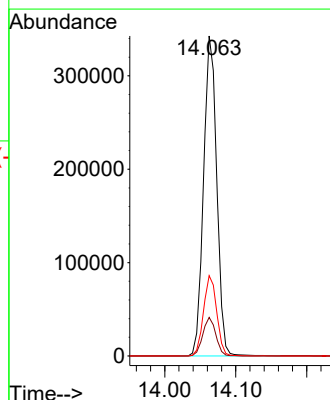
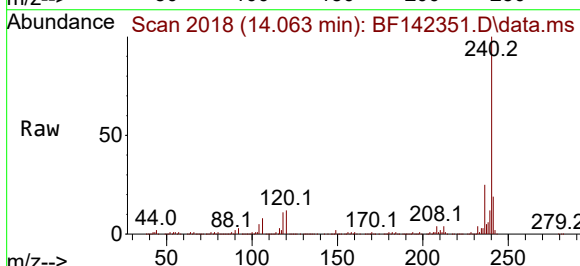
Tgt Ion:240 Resp: 443337

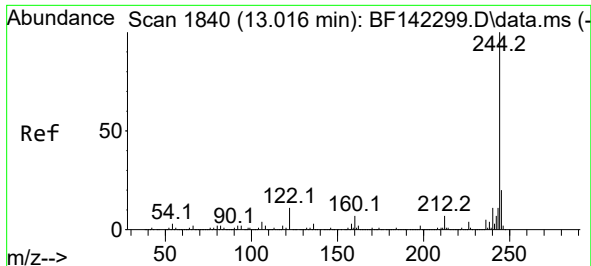
Ion Ratio Lower Upper

240 100

120 12.1 9.7 14.5

236 25.1 20.0 30.0

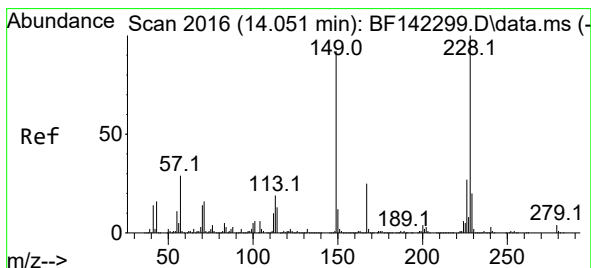
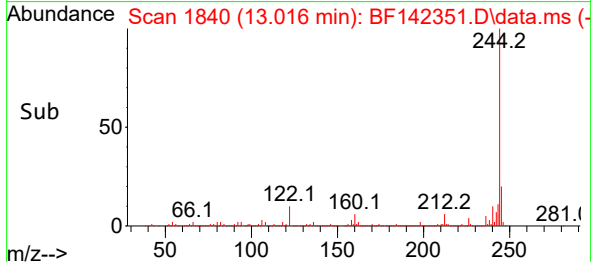
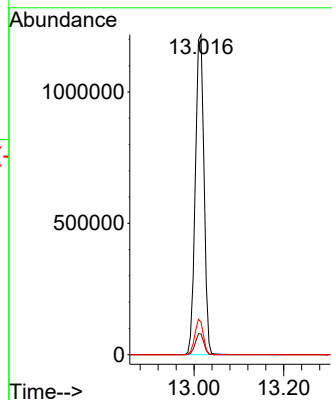
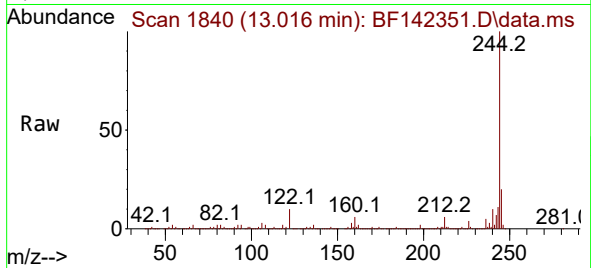




#79
 Terphenyl-d14
 Concen: 54.592 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142351.D
 Acq: 13 May 2025 18:37

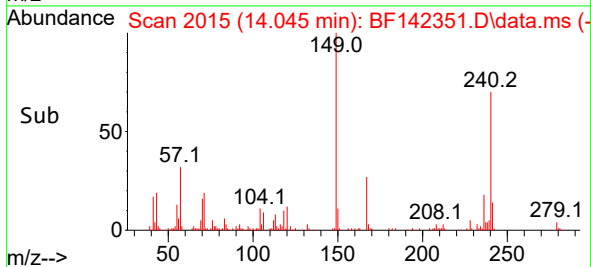
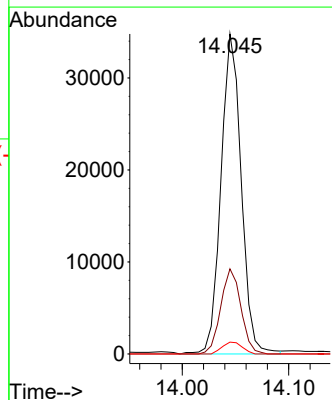
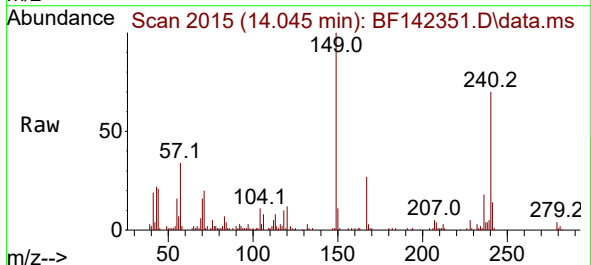
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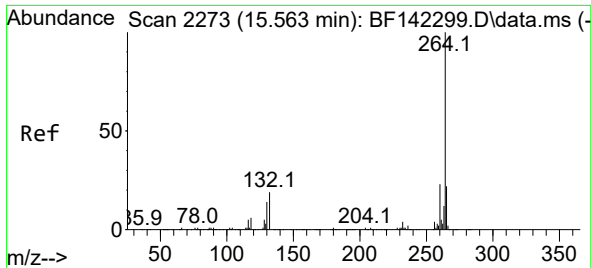
Tgt Ion:244 Resp: 1635209
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.2 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.022 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142351.D
 Acq: 13 May 2025 18:37

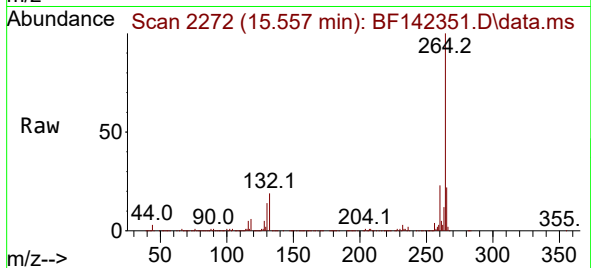
Tgt Ion:149 Resp: 45818
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.0 33.0
 279 3.7 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142351.D
Acq: 13 May 2025 18:37

Instrument :
BNA_F
ClientSampleId :
205510



Tgt Ion:264 Resp: 473204
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.1 17.5 26.3

