

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142446.D
 Acq On : 19 May 2025 12:39
 Operator : RC/JU
 Sample : Q2032-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: May 19 13:19:41 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)

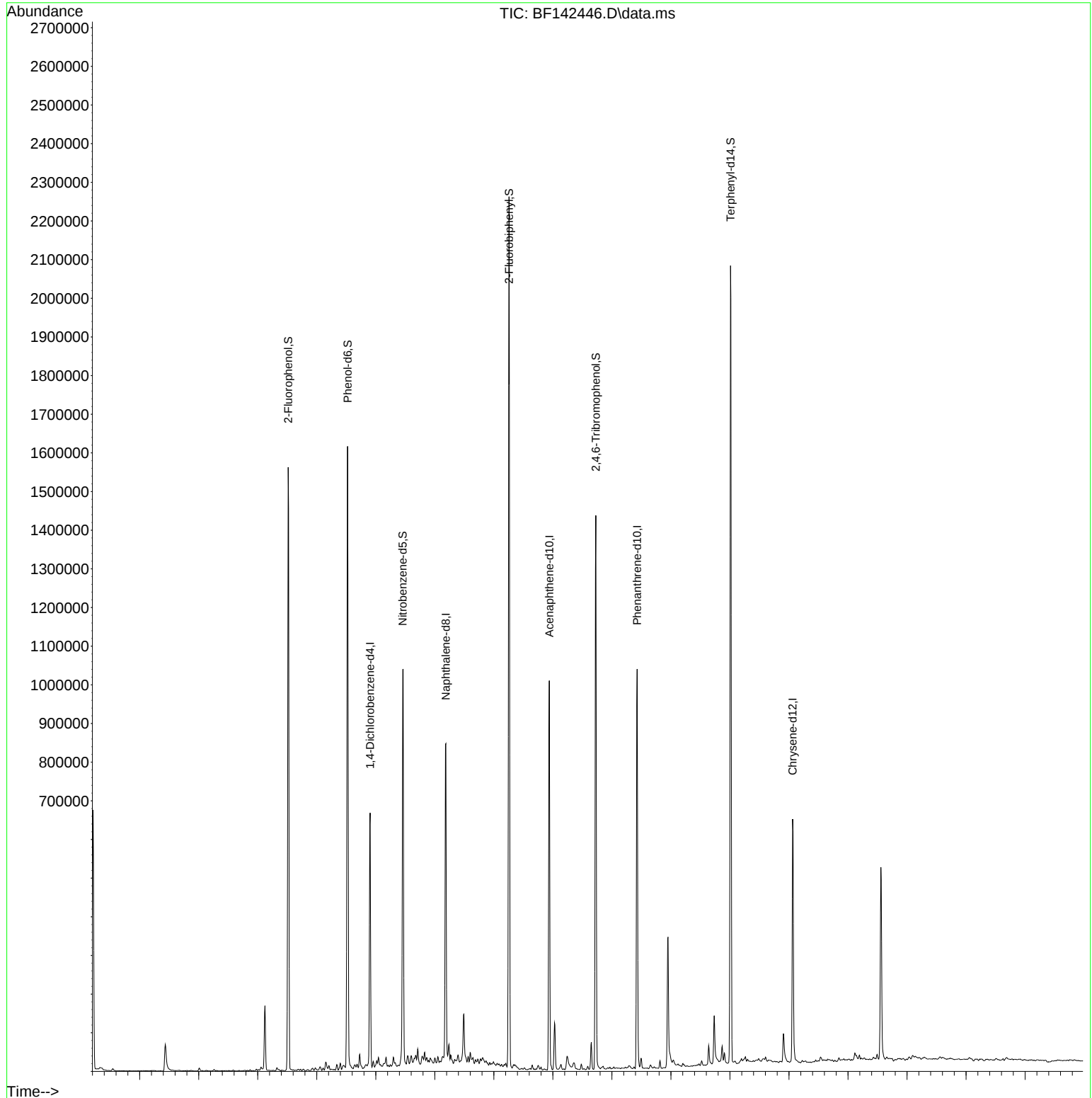
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	141508	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	539614	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	301091	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	542415	20.000	ng	0.00
76) Chrysene-d12	14.063	240	308431	20.000	ng	0.00
86) Perylene-d12	15.557	264	297161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	605818	73.083	ng	0.00
7) Phenol-d6	6.522	99	755416	74.094	ng	0.00
23) Nitrobenzene-d5	7.457	82	450507	50.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	261901	90.094	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1006881	47.683	ng	0.00
79) Terphenyl-d14	13.010	244	1042244	50.015	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.045	149	2470	4.453	ng	# 98

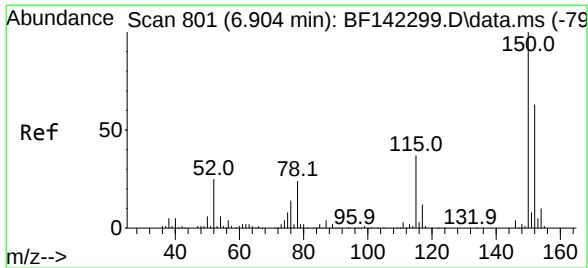
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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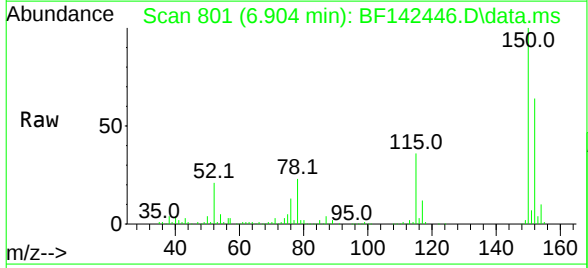
Quant Time: May 19 13:19:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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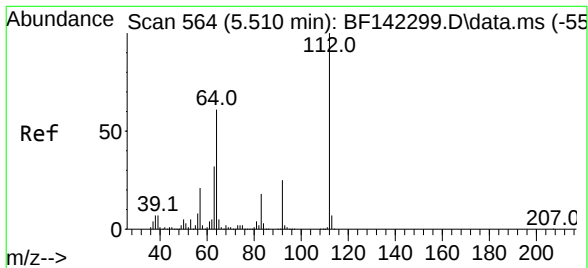
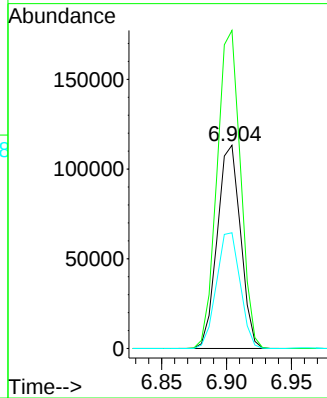
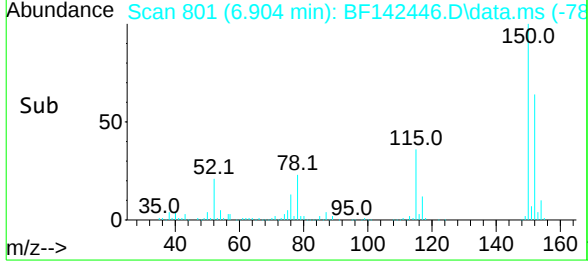


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142446.D
Acq: 19 May 2025 12:39

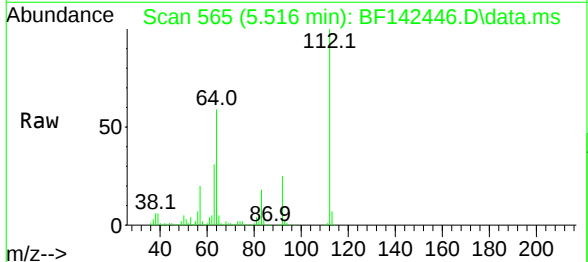
Instrument :
BNA_F
ClientSampleId :
TP-11



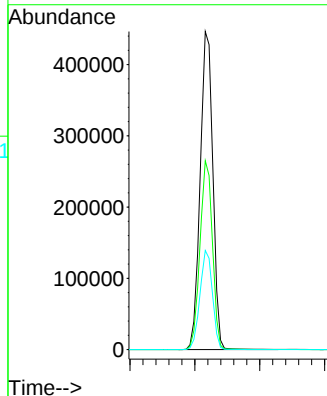
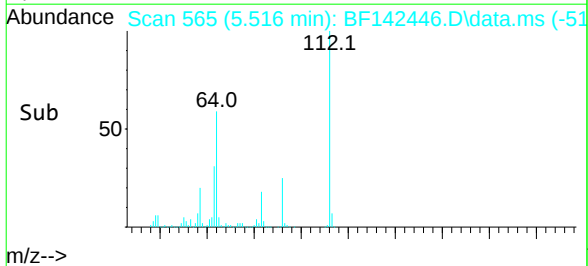
Tgt Ion:152 Resp: 141508
Ion Ratio Lower Upper
152 100
150 156.5 126.6 190.0
115 57.0 47.3 70.9

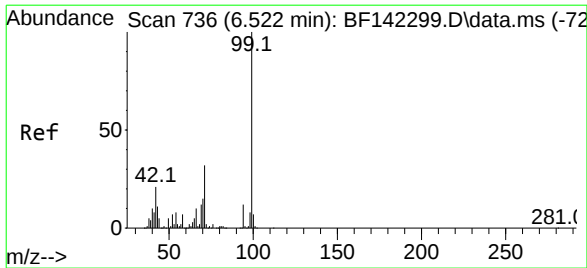


#5
2-Fluorophenol
Concen: 73.083 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142446.D
Acq: 19 May 2025 12:39



Tgt Ion:112 Resp: 605818
Ion Ratio Lower Upper
112 100
64 59.4 48.9 73.3
63 31.2 25.6 38.4

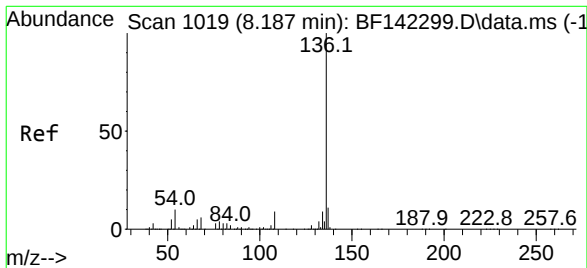
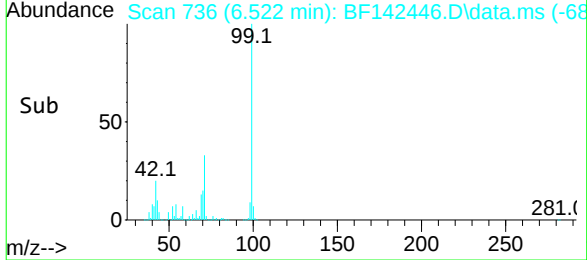
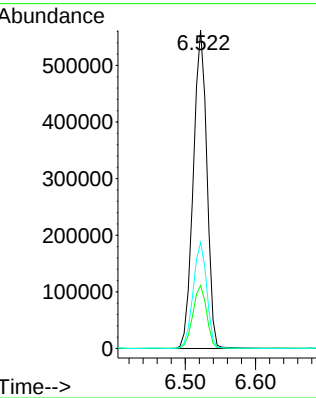
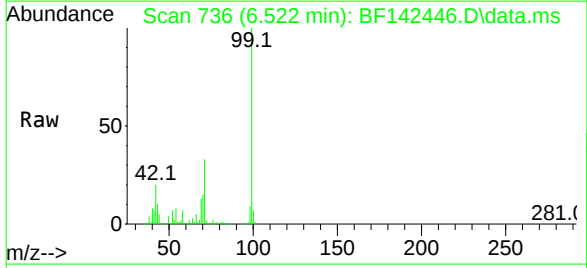




#7
 Phenol-d6
 Concen: 74.094 ng
 RT: 6.522 min Scan# 736
 Delta R.T. -0.000 min
 Lab File: BF142446.D
 Acq: 19 May 2025 12:39

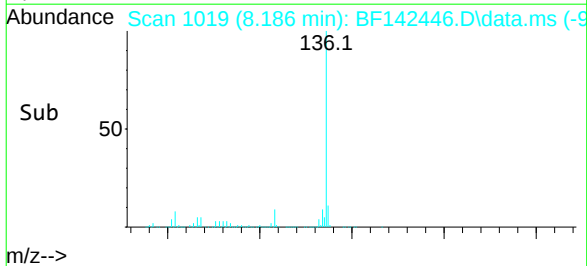
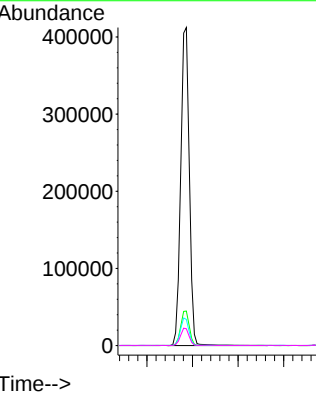
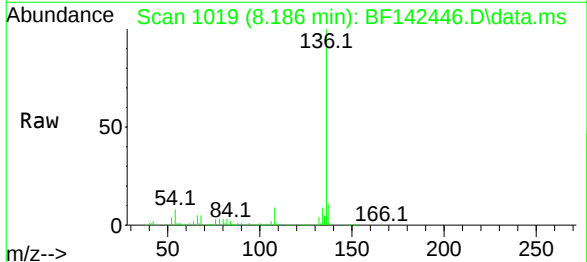
Instrument :
 BNA_F
 ClientSampleId :
 TP-11

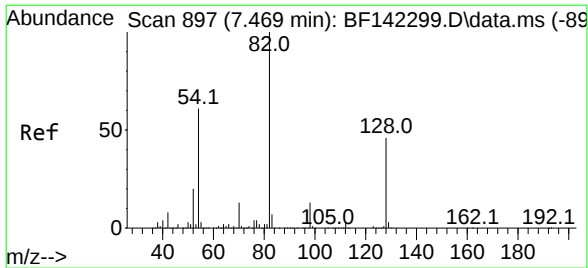
Tgt Ion:	99	Resp:	755416
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.0	25.4
71	33.3	25.8	38.8



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.186 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: BF142446.D
 Acq: 19 May 2025 12:39

Tgt Ion:	136	Resp:	539614
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.2	7.7	11.5
68	5.3	4.9	7.3

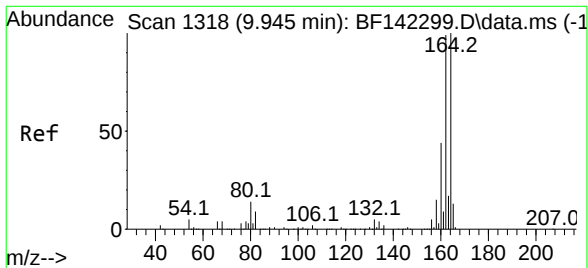
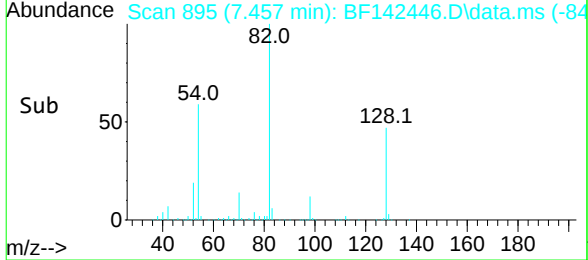
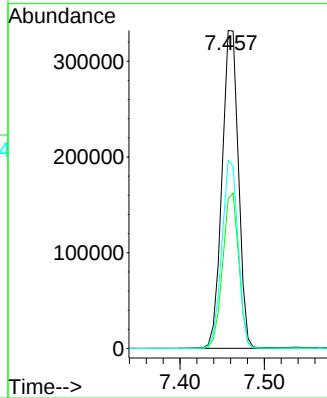
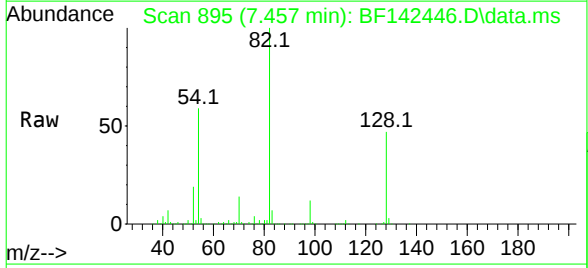




#23
Nitrobenzene-d5
Concen: 50.916 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF142446.D
Acq: 19 May 2025 12:39

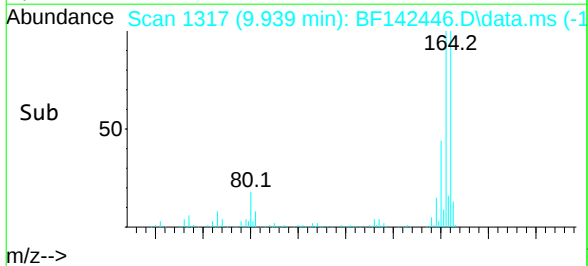
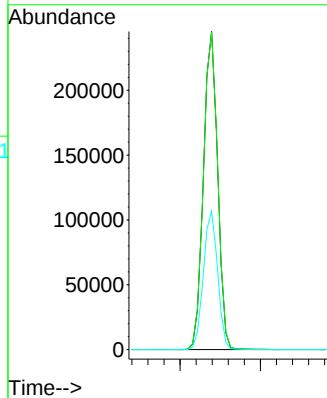
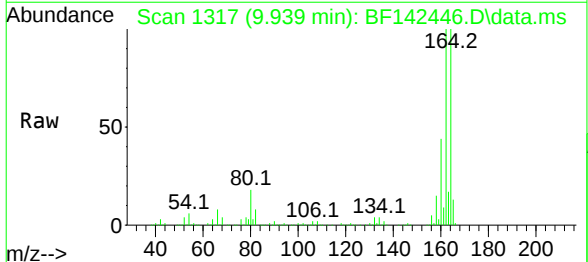
Instrument :
BNA_F
ClientSampleId :
TP-11

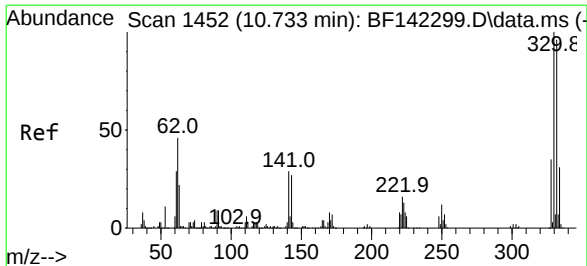
Tgt Ion: 82 Resp: 450507
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.6
54 59.1 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142446.D
Acq: 19 May 2025 12:39

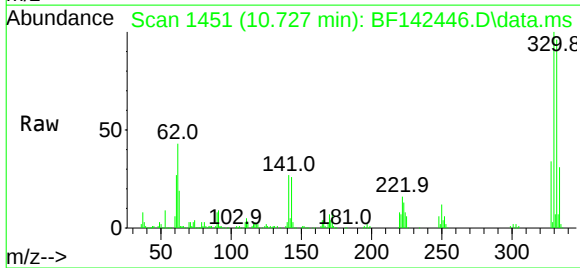
Tgt Ion: 164 Resp: 301091
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 43.6 35.3 52.9



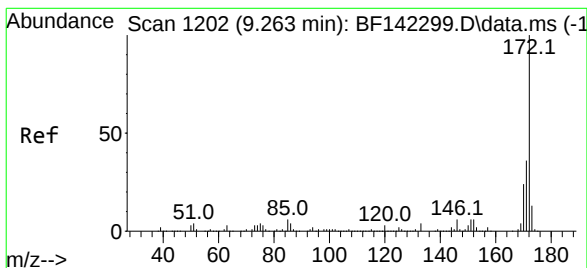
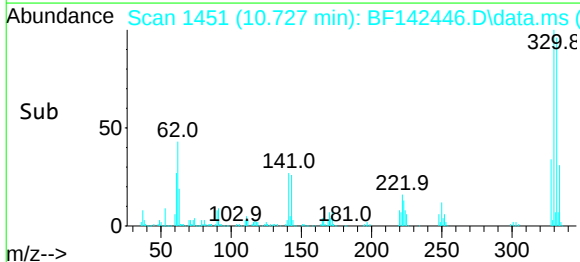
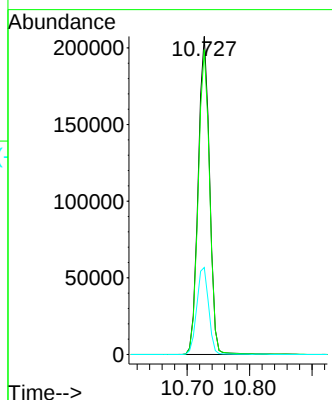


#42
2,4,6-Tribromophenol
Concen: 90.094 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142446.D
Acq: 19 May 2025 12:39

Instrument :
BNA_F
ClientSampleId :
TP-11

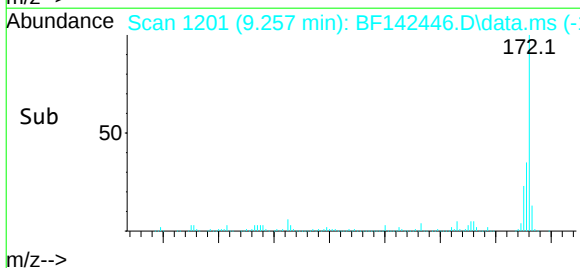
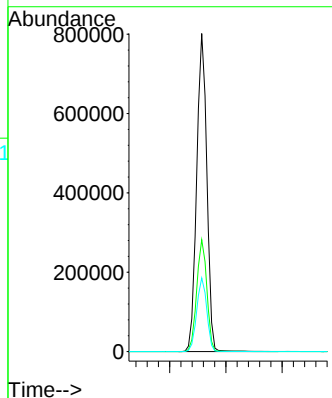
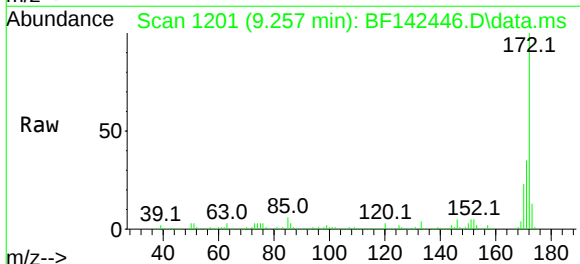


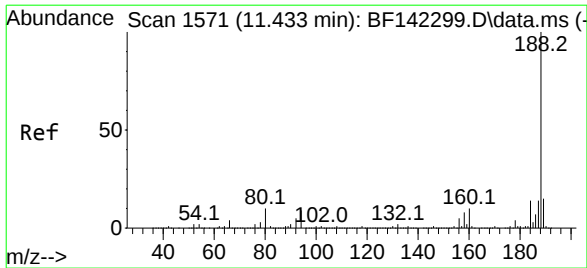
Tgt Ion:	330	Resp:	261901
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	28.5	24.9	37.3



#45
2-Fluorobiphenyl
Concen: 47.683 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142446.D
Acq: 19 May 2025 12:39

Tgt Ion:	172	Resp:	1006881
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.1	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF142446.D

Acq: 19 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

TP-11

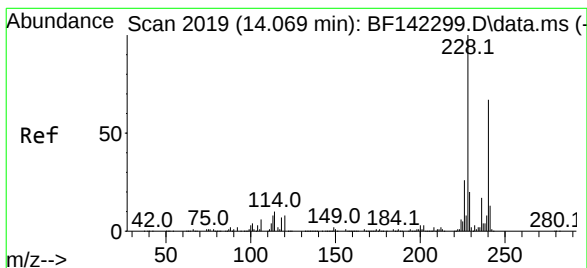
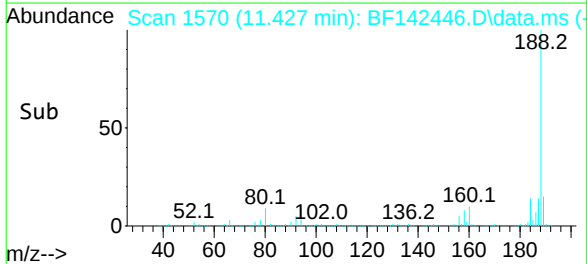
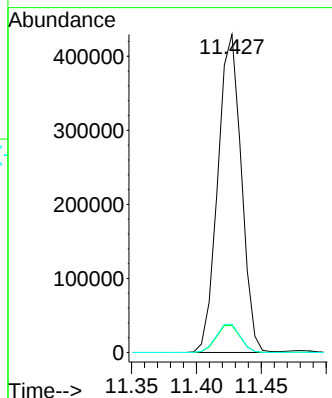
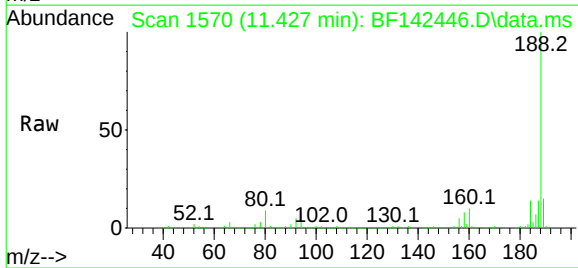
Tgt Ion:188 Resp: 542415

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 8.9 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: BF142446.D

Acq: 19 May 2025 12:39

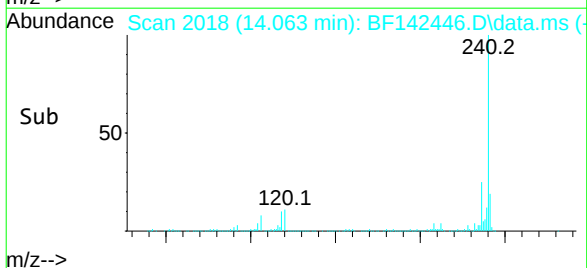
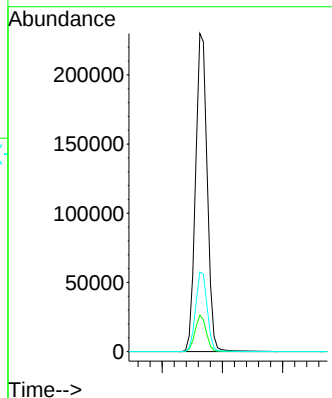
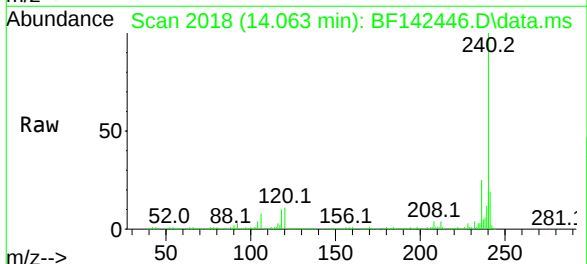
Tgt Ion:240 Resp: 308431

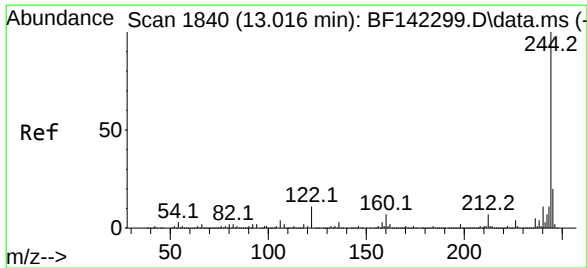
Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 25.0 20.0 30.0





#79

Terphenyl-d14

Concen: 50.015 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF142446.D

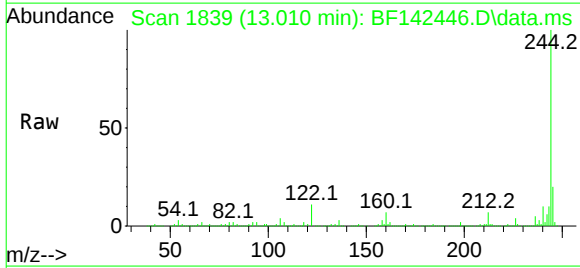
Acq: 19 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

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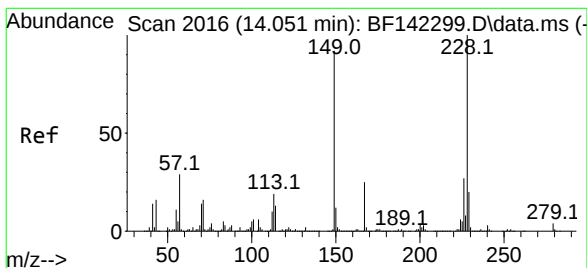
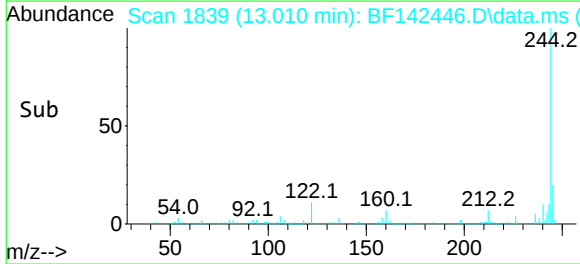
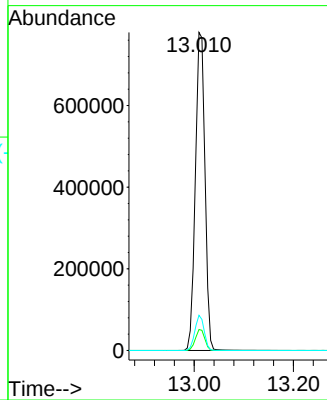
Tgt Ion:244 Resp: 1042244

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.1 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.453 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142446.D

Acq: 19 May 2025 12:39

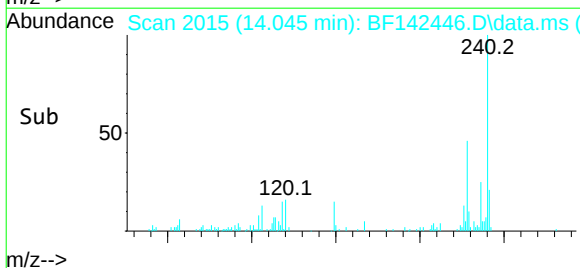
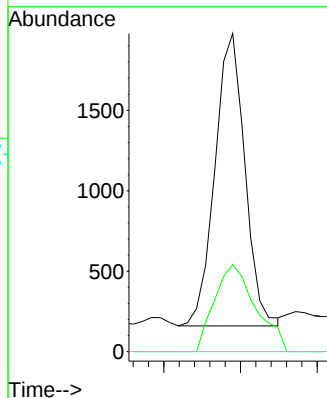
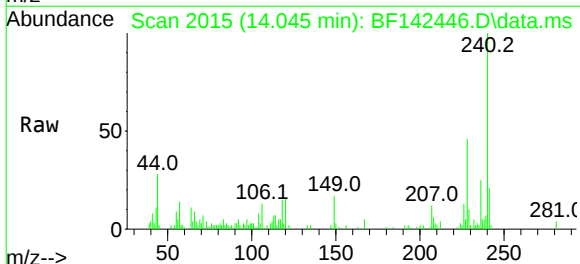
Tgt Ion:149 Resp: 2470

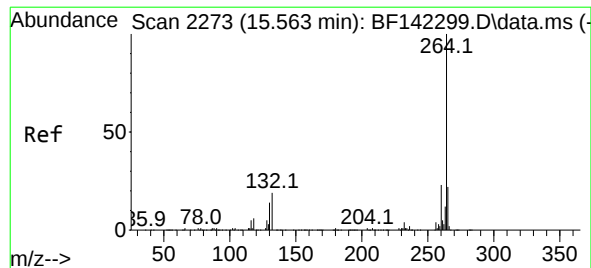
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 0.0 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 22

Delta R.T. -0.006 min

Lab File: BF142446.D

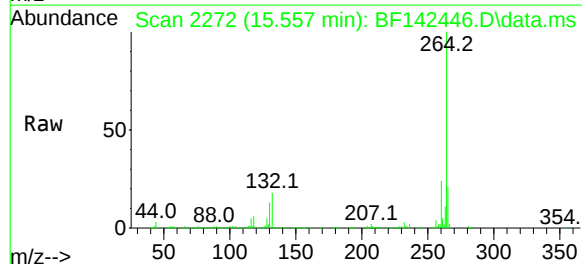
Acq: 19 May 2025 12:39

Instrument :

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Tgt Ion:264 Resp: 297161

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.4 17.5 26.3

