

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142358.D
 Acq On : 13 May 2025 21:59
 Operator : RC/JU
 Sample : Q2004-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2811

Quant Time: May 14 00:59:10 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)

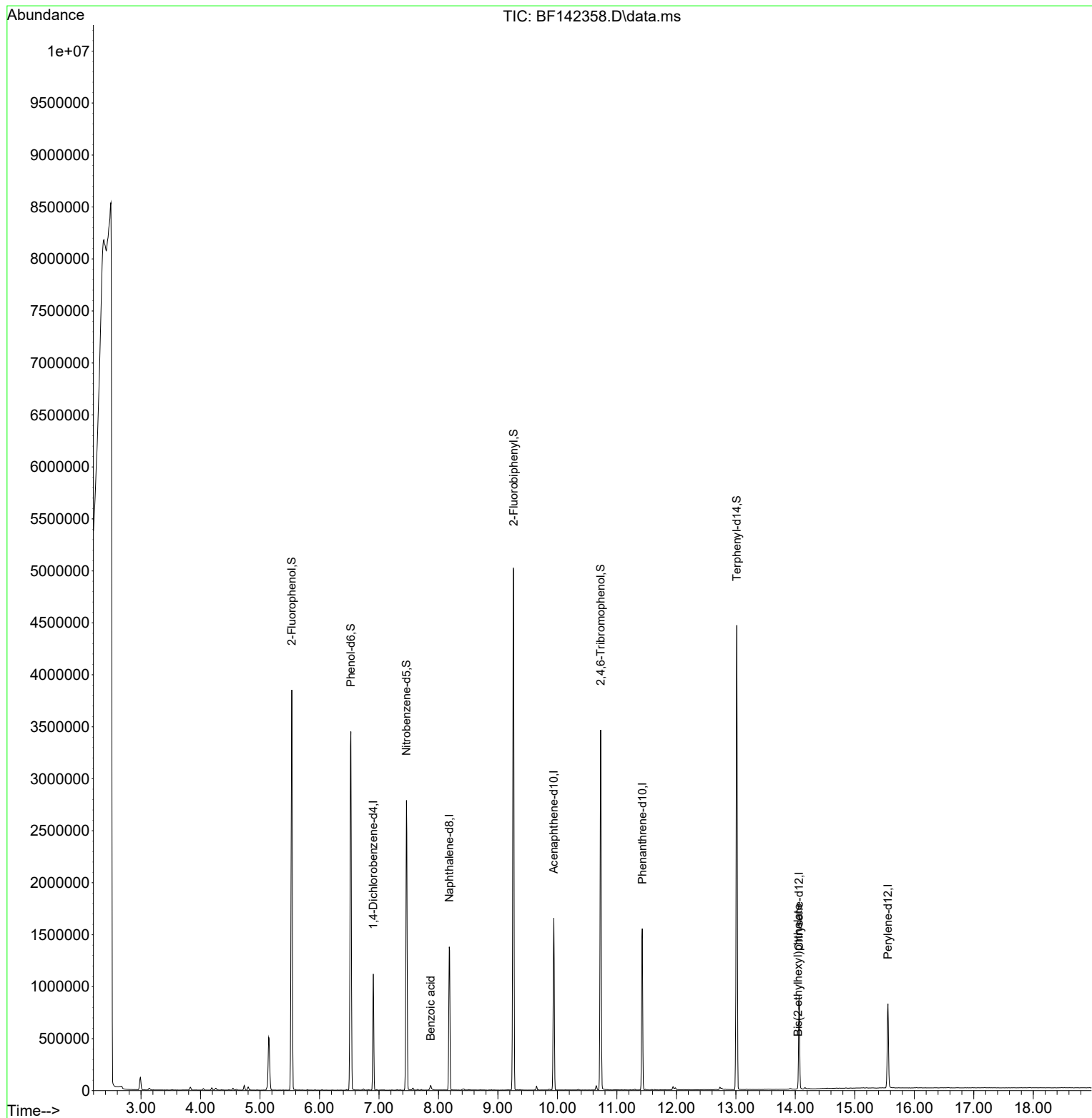
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	234925	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	899573	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	494360	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	804842	20.000	ng	0.00
76) Chrysene-d12	14.062	240	438752	20.000	ng	0.00
86) Perylene-d12	15.556	264	470884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1557348	113.164	ng	0.02
7) Phenol-d6	6.528	99	1788517	105.667	ng	0.00
23) Nitrobenzene-d5	7.463	82	1238237	83.947	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	667811	139.916	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2454194	70.786	ng	0.00
79) Terphenyl-d14	13.015	244	2261763	76.299	ng	0.00
Target Compounds						
32) Benzoic acid	7.869	122	17364m	8.356	ng	Qvalue
84) Bis(2-ethylhexyl)phtha...	14.045	149	5799	4.593	ng	# 93

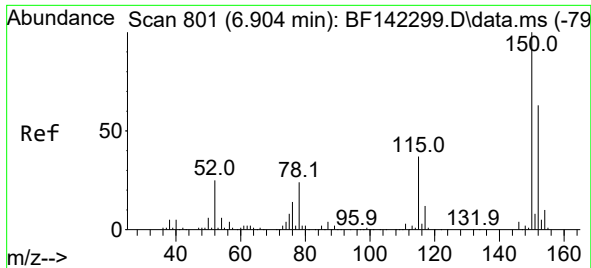
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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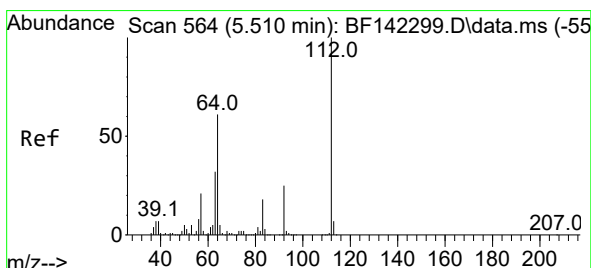
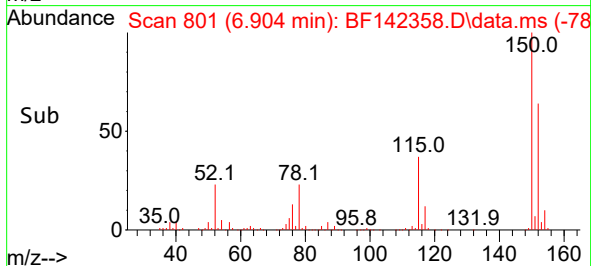
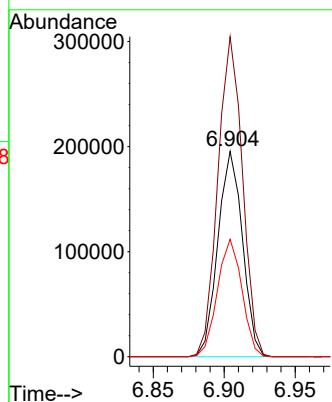
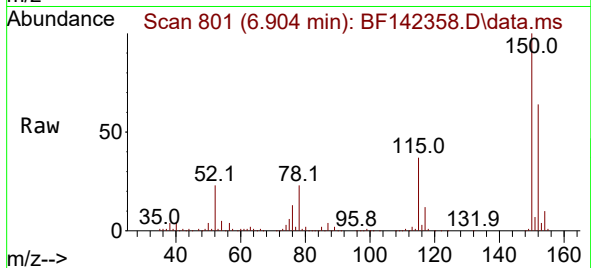




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

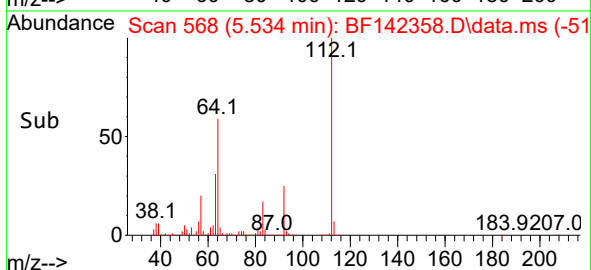
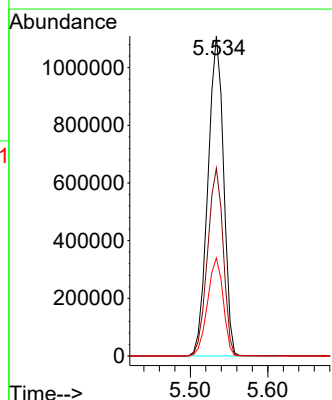
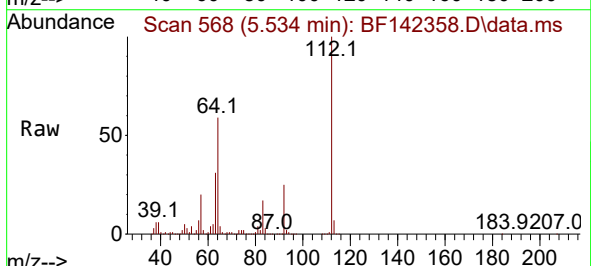
Instrument :
BNA_F
ClientSampleId :
2811

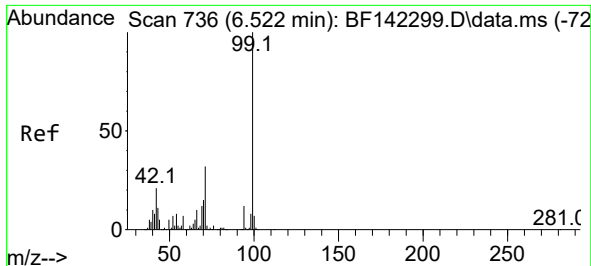
Tgt Ion:152 Resp: 234925
Ion Ratio Lower Upper
152 100
150 155.9 126.6 190.0
115 57.2 47.3 70.9



#5
2-Fluorophenol
Concen: 113.164 ng
RT: 5.534 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

Tgt Ion:112 Resp: 1557348
Ion Ratio Lower Upper
112 100
64 58.7 48.9 73.3
63 30.6 25.6 38.4





#7
Phenol-d6
Concen: 105.667 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

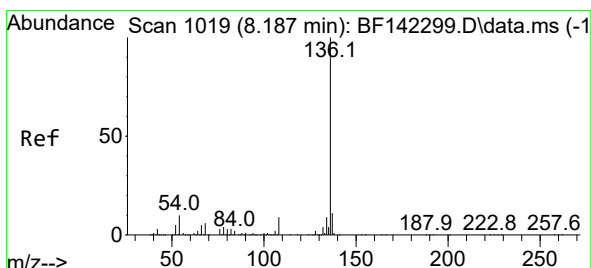
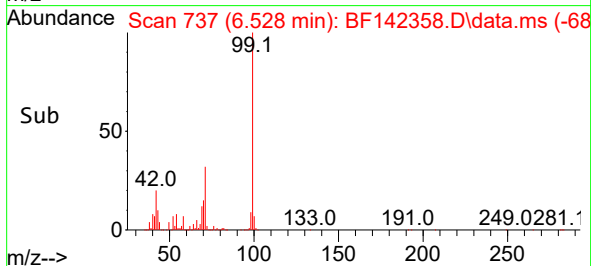
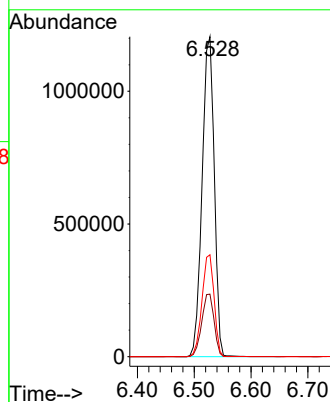
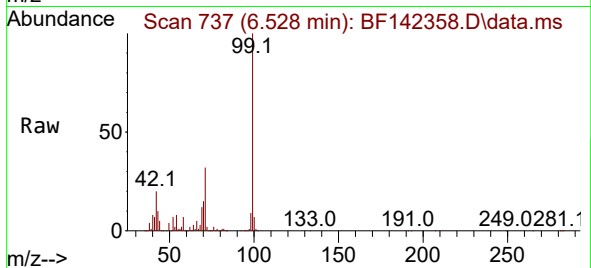
Instrument :

BNA_F

ClientSampleId :

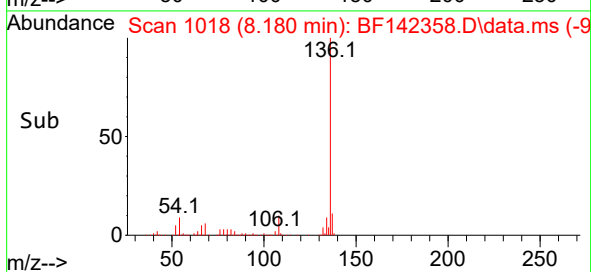
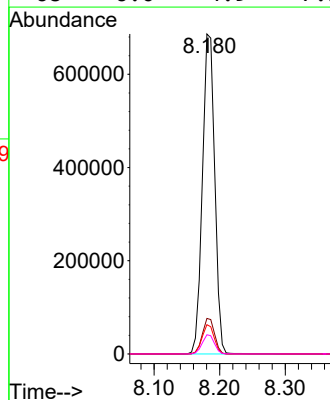
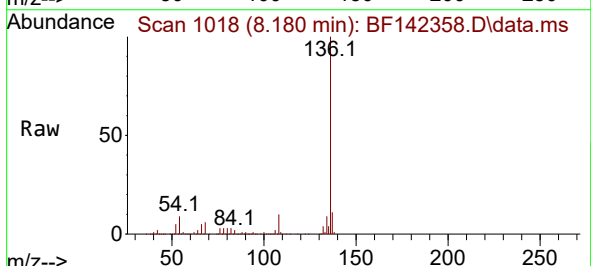
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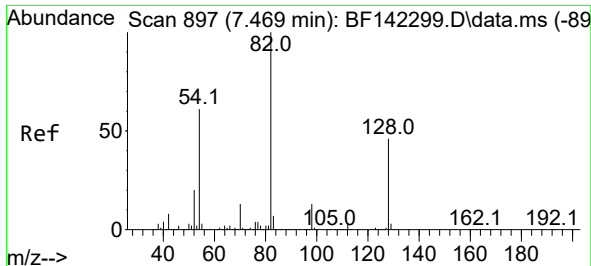
Tgt Ion: 99 Resp: 1788517
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.4
71 31.9 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

Tgt Ion:136 Resp: 899573
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.2 7.7 11.5
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.947 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142358.D

Acq: 13 May 2025 21:59

Instrument :

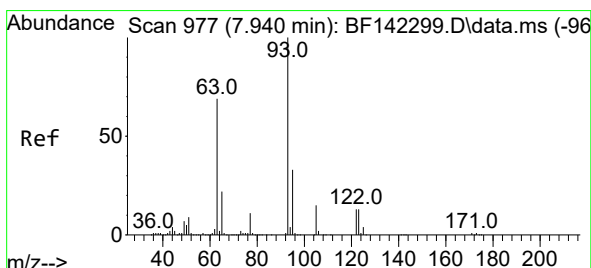
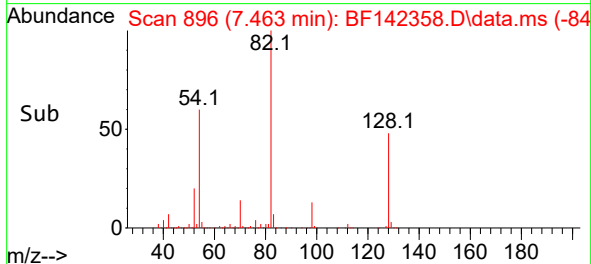
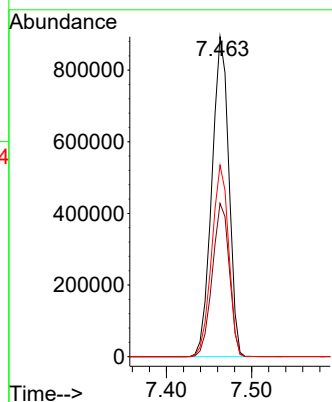
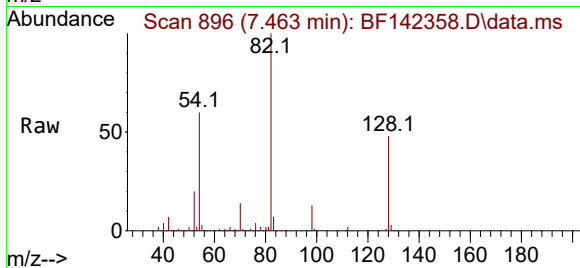
BNA_F

ClientSampleId :

2811

Tgt Ion: 82 Resp: 1238237

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.0	55.6
54	59.9	48.6	73.0



#32

Benzoic acid

Concen: 8.356 ng m

RT: 7.869 min Scan# 965

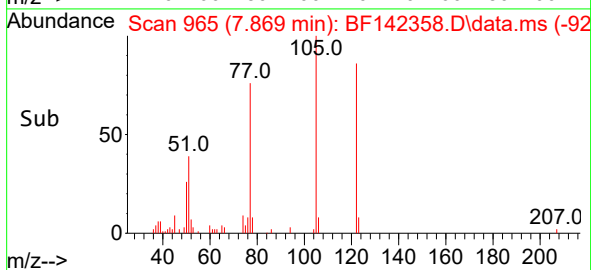
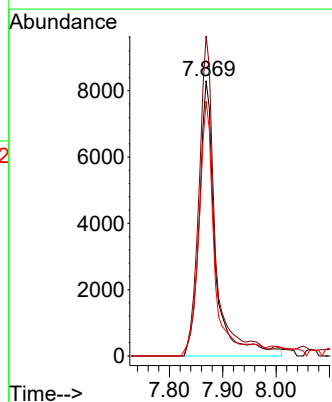
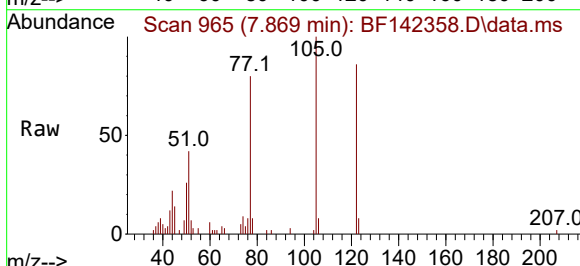
Delta R.T. -0.071 min

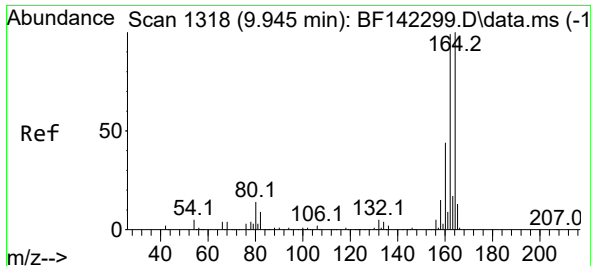
Lab File: BF142358.D

Acq: 13 May 2025 21:59

Tgt Ion: 122 Resp: 17364

Ion	Ratio	Lower	Upper
122	100		
105	116.3	97.9	137.9
77	92.6	67.7	107.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142358.D

Acq: 13 May 2025 21:59

Instrument :

BNA_F

ClientSampleId :

2811

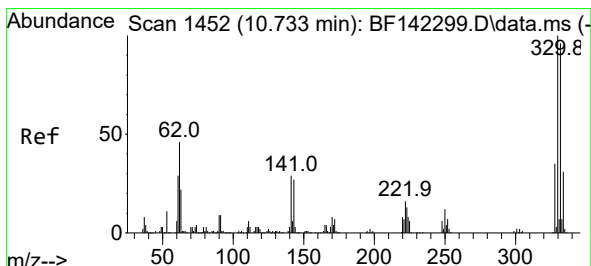
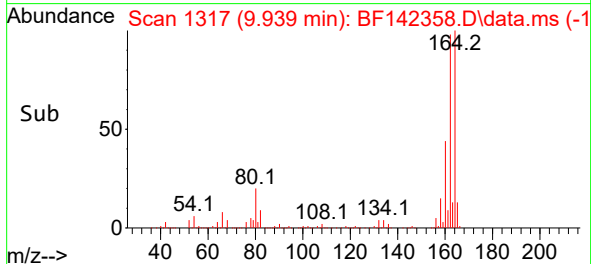
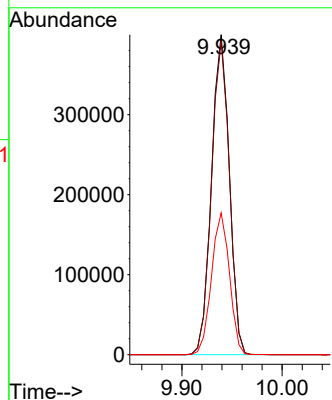
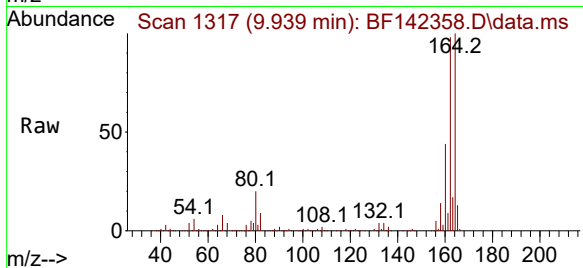
Tgt Ion:164 Resp: 494360

Ion Ratio Lower Upper

164 100

162 98.0 79.2 118.8

160 44.3 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 139.916 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142358.D

Acq: 13 May 2025 21:59

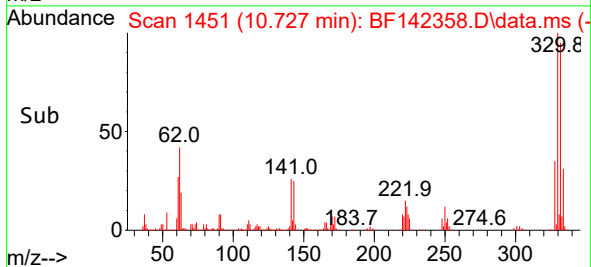
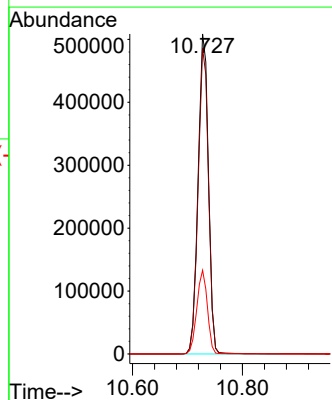
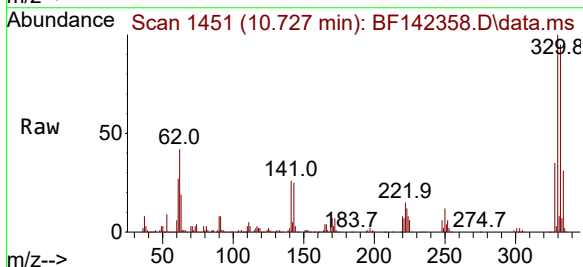
Tgt Ion:330 Resp: 667811

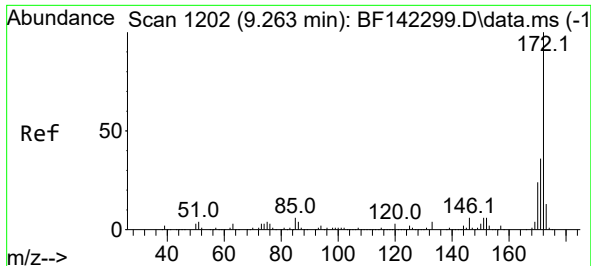
Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 26.5 24.9 37.3

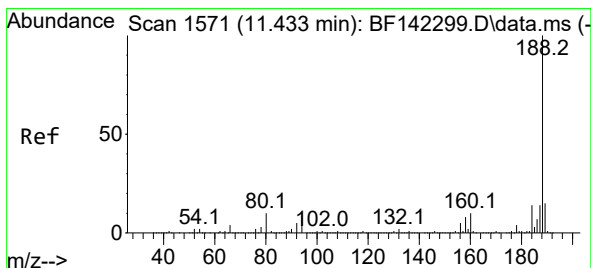
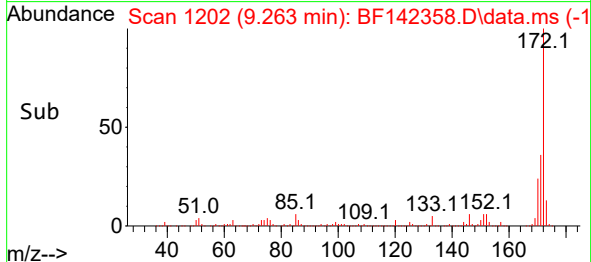
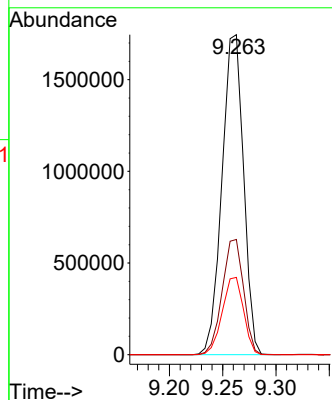
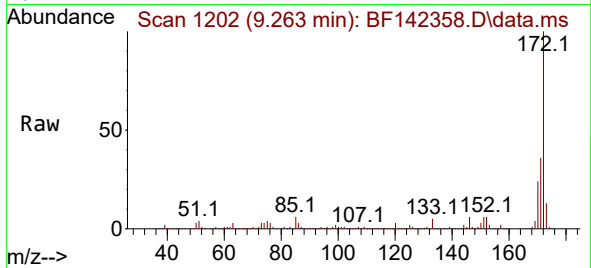




#45
2-Fluorobiphenyl
Concen: 70.786 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

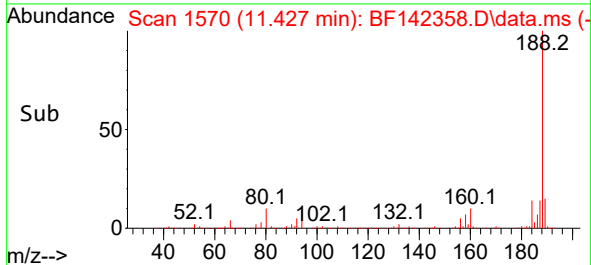
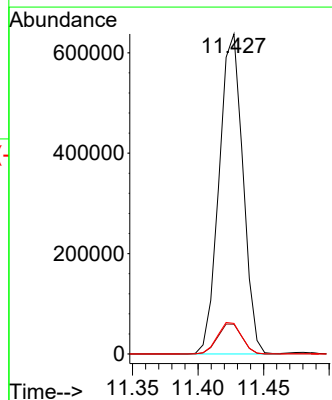
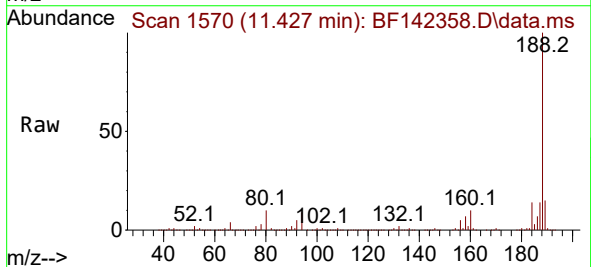
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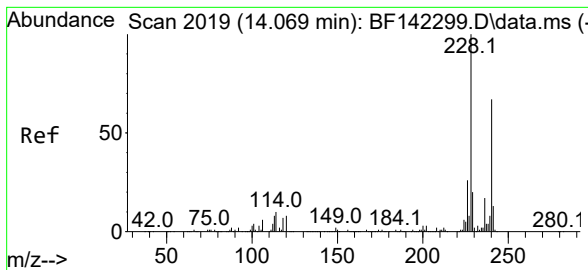
Tgt Ion:172 Resp: 2454194
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.2 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

Tgt Ion:188 Resp: 804842
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.6 7.9 11.9

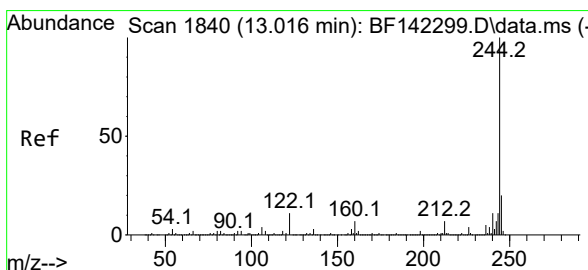
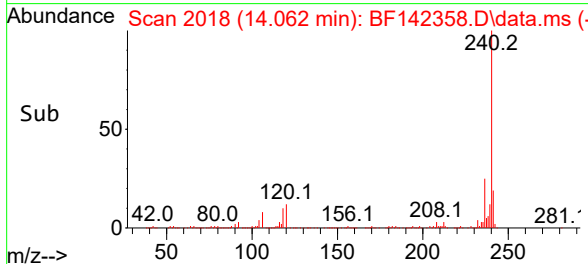
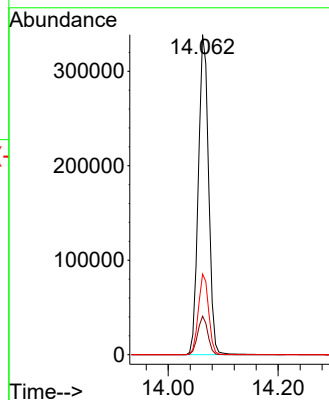
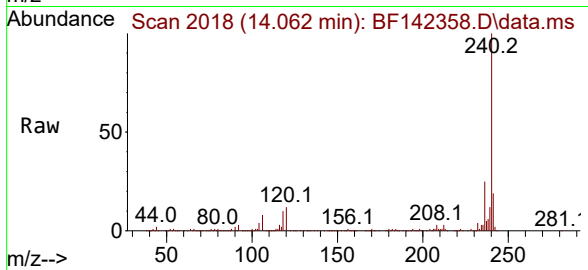




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

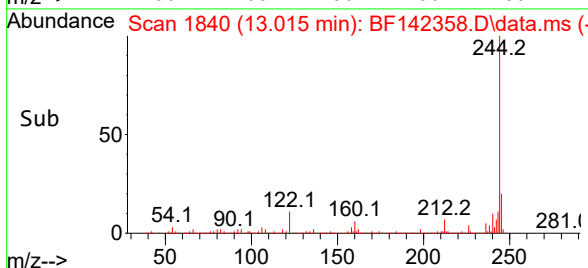
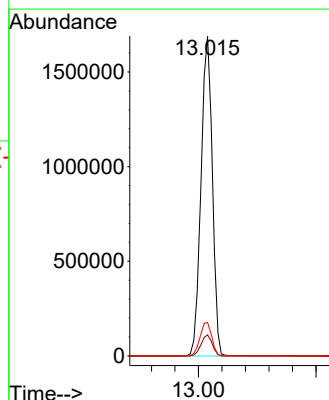
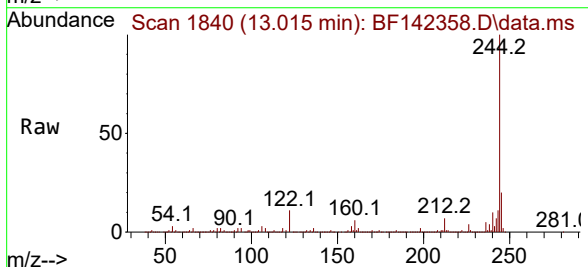
Instrument :
BNA_F
ClientSampleId :
2811

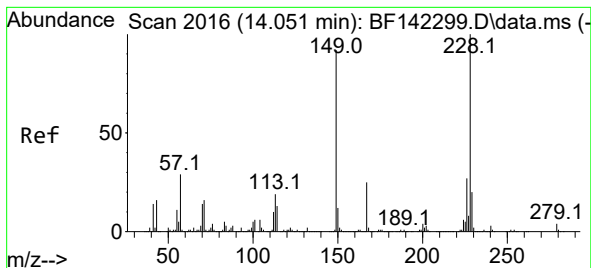
Tgt Ion:240 Resp: 438752
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 25.2 20.0 30.0



#79
Terphenyl-d14
Concen: 76.299 ng
RT: 13.015 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

Tgt Ion:244 Resp: 2261763
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.5 9.0 13.4

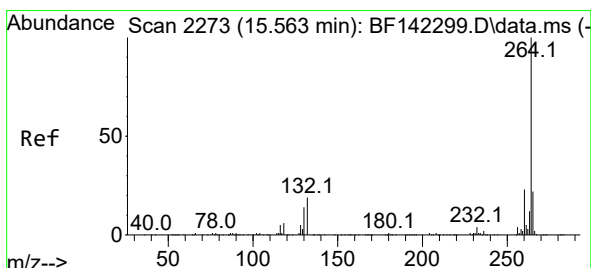
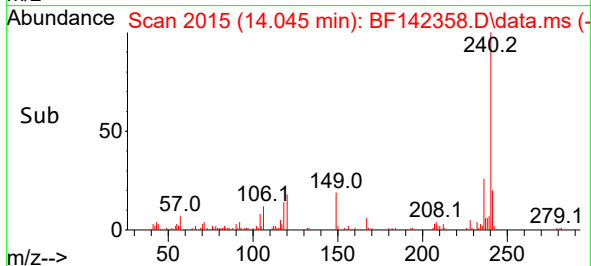
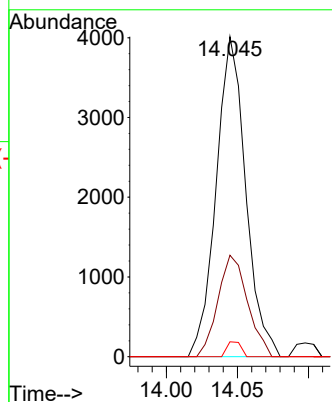
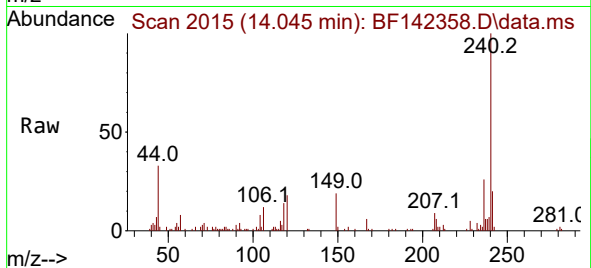




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.593 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

Instrument :
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Tgt Ion:149 Resp: 5799
Ion Ratio Lower Upper
149 100
167 31.7 22.0 33.0
279 4.7 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142358.D
Acq: 13 May 2025 21:59

Tgt Ion:264 Resp: 470884
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.6 17.5 26.3

