

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142327.D
 Acq On : 12 May 2025 18:37
 Operator : RC/JU
 Sample : Q2007-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-12

Quant Time: May 13 01:04:13 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

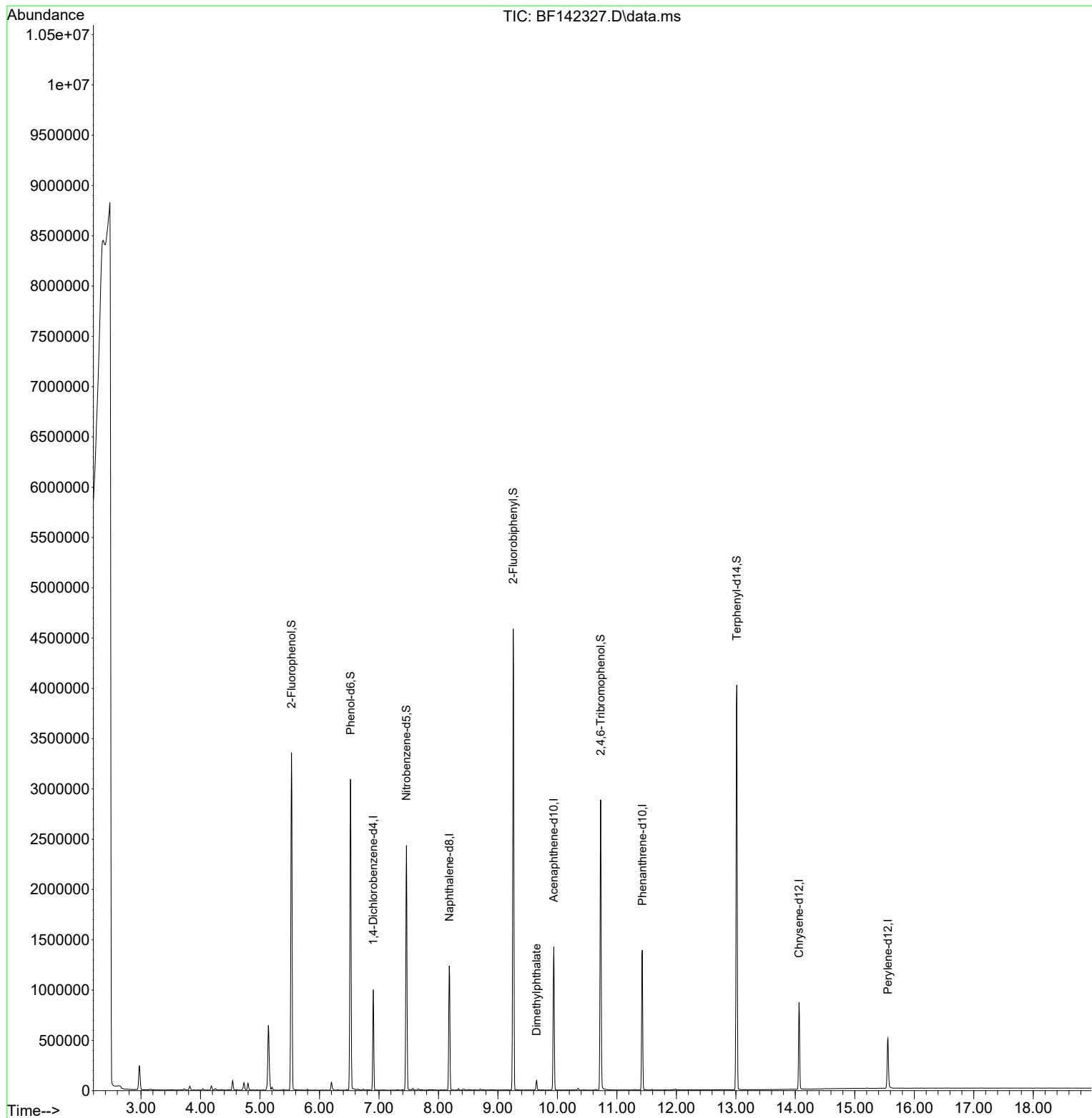
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	208649	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	794819	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	425225	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	722706	20.000	ng	0.00
76) Chrysene-d12	14.063	240	415510	20.000	ng	0.00
86) Perylene-d12	15.557	264	297203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1313169	107.438	ng	0.02
7) Phenol-d6	6.522	99	1467064	97.591	ng	0.00
23) Nitrobenzene-d5	7.463	82	1026747	78.783	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	531481	129.457	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2100448	70.433	ng	0.00
79) Terphenyl-d14	13.016	244	2012073	71.673	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.651	163	56007	2.051	ng	99

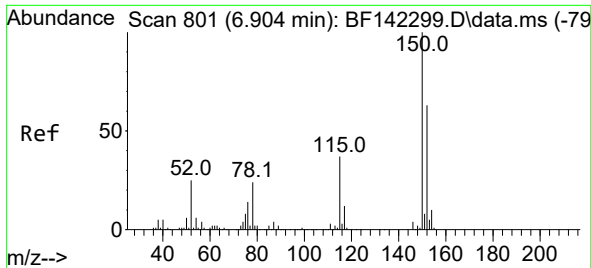
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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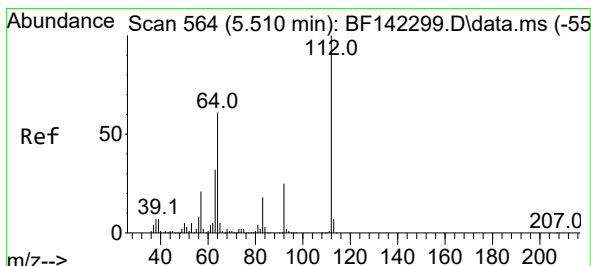
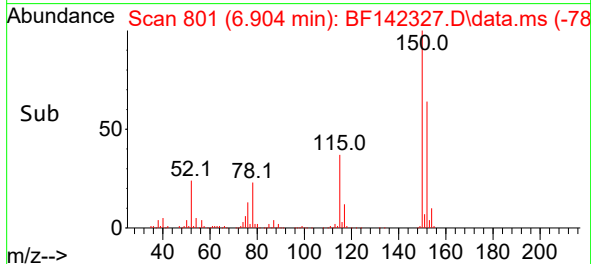
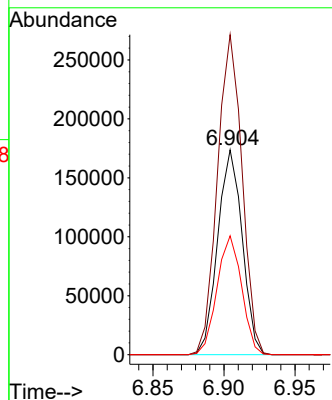
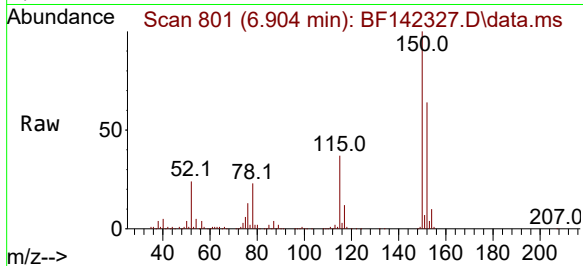




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

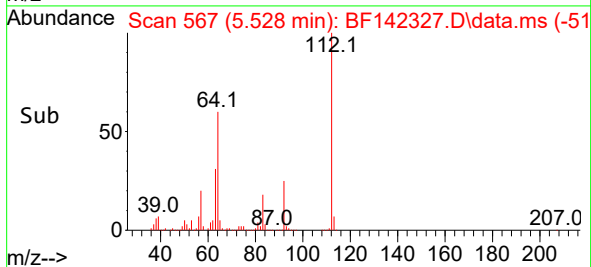
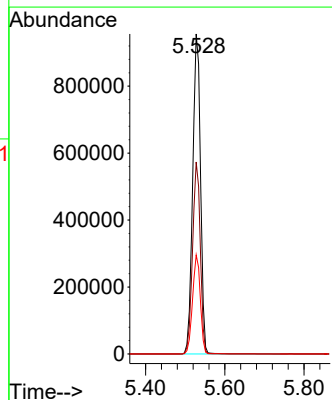
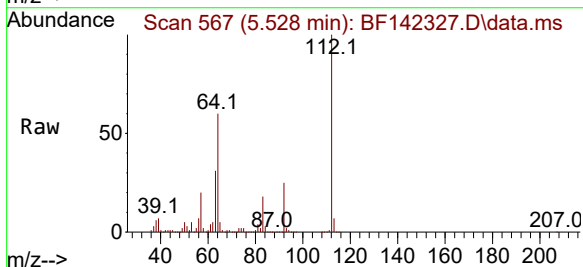
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-12

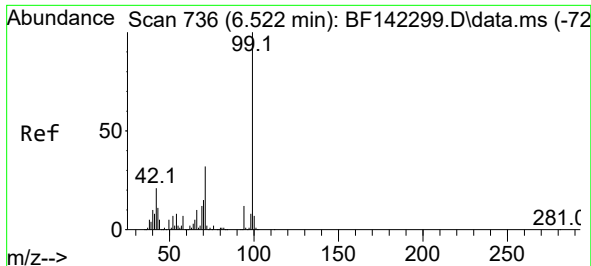
Tgt Ion:152 Resp: 208649
Ion Ratio Lower Upper
152 100
150 156.3 126.6 190.0
115 58.0 47.3 70.9



#5
2-Fluorophenol
Concen: 107.438 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

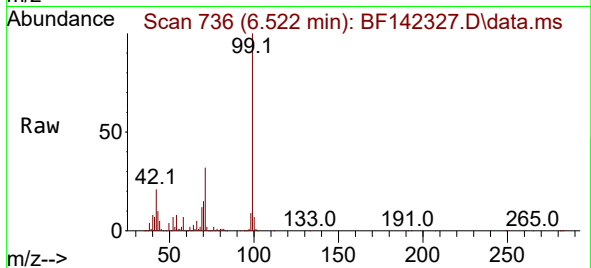
Tgt Ion:112 Resp: 1313169
Ion Ratio Lower Upper
112 100
64 60.0 48.9 73.3
63 31.0 25.6 38.4





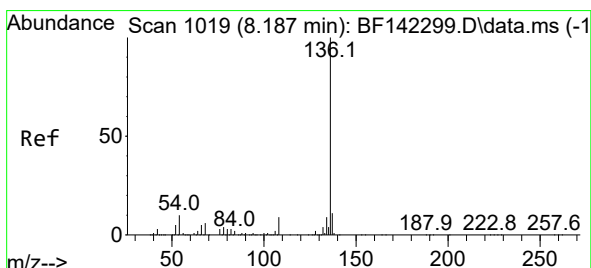
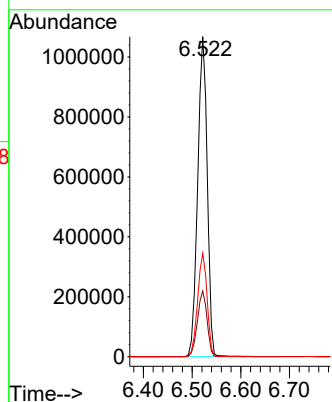
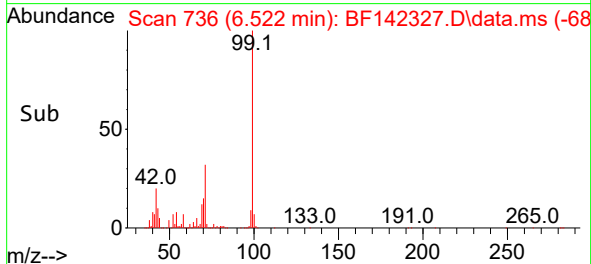
#7
Phenol-d6
Concen: 97.591 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-12

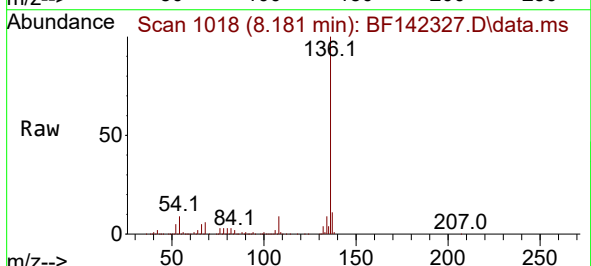


Tgt Ion: 99 Resp: 1467064

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.0	25.4
71	32.3	25.8	38.8

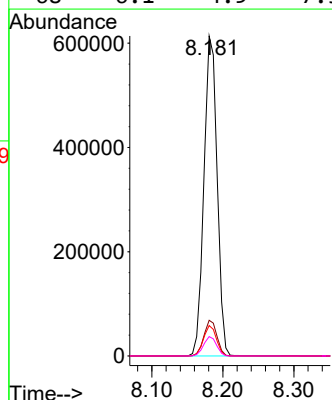
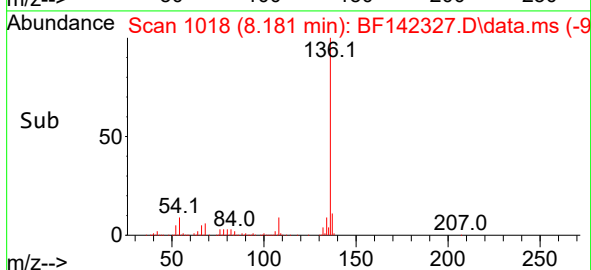


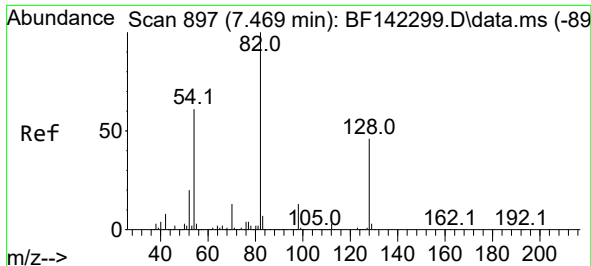
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37



Tgt Ion: 136 Resp: 794819

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	7.7	11.5
68	6.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 78.783 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142327.D

Acq: 12 May 2025 18:37

Instrument :

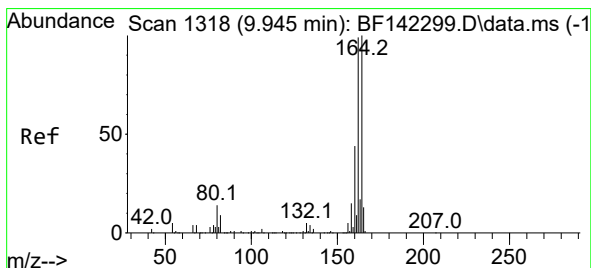
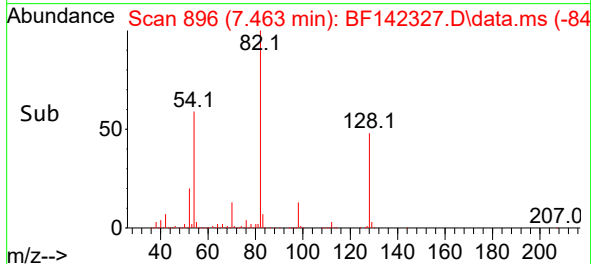
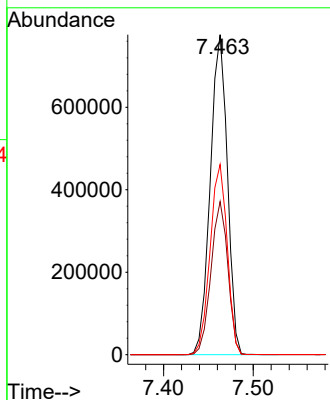
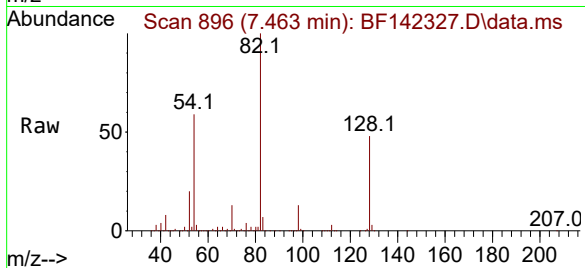
BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1026747

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	59.5	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

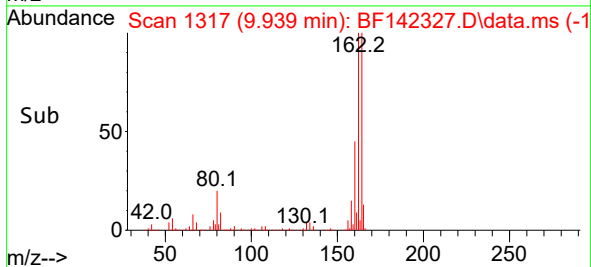
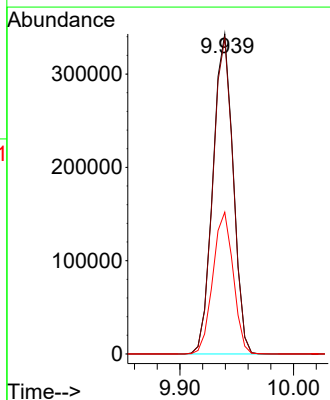
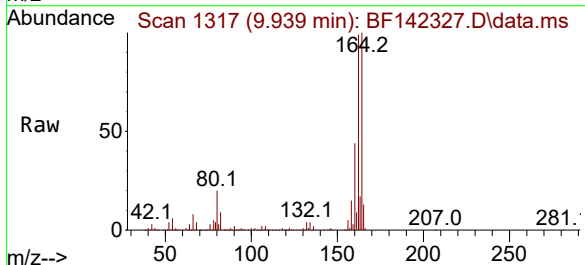
Delta R.T. -0.006 min

Lab File: BF142327.D

Acq: 12 May 2025 18:37

Tgt Ion:164 Resp: 425225

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.2	118.8
160	44.3	35.3	52.9

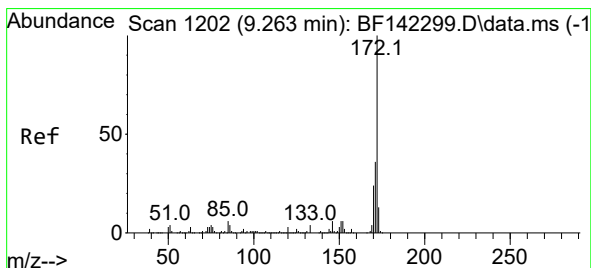
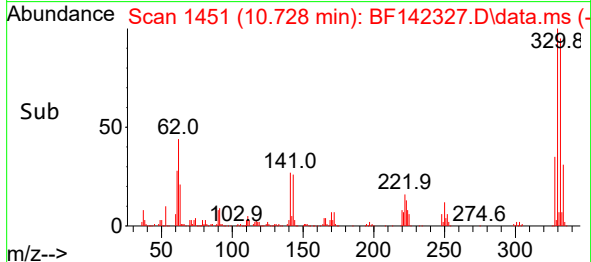
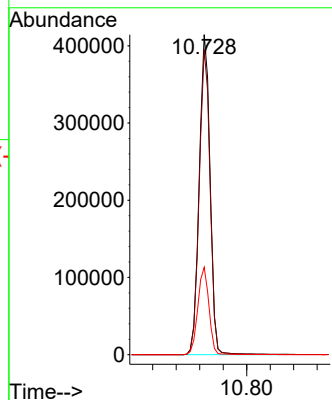
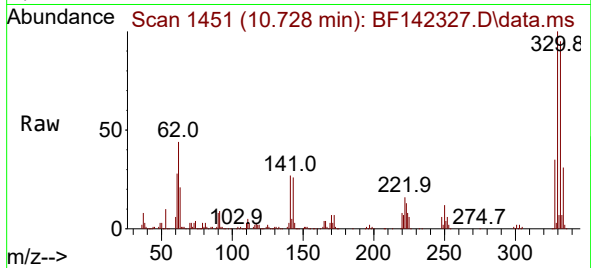




#42
2,4,6-Tribromophenol
Concen: 129.457 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

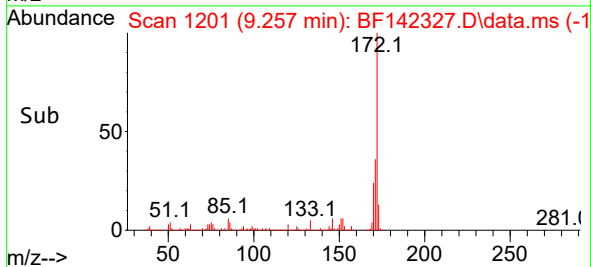
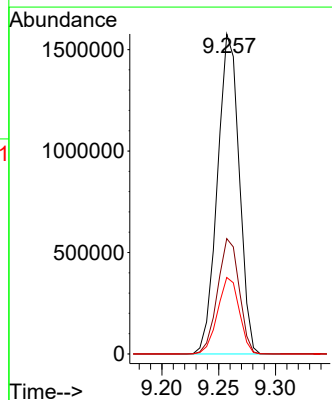
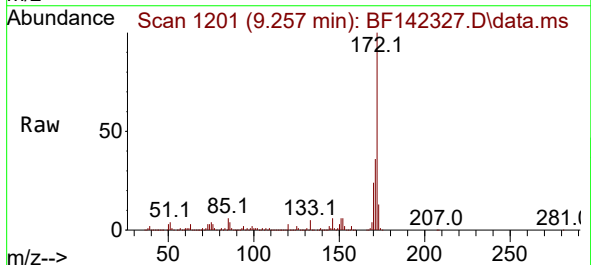
Instrument :
BNA_F
ClientSampleId :
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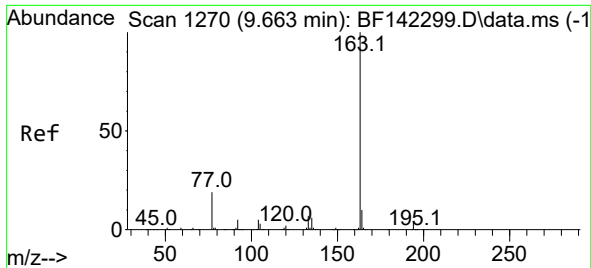
Tgt Ion:330 Resp: 531481
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 27.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 70.433 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

Tgt Ion:172 Resp: 2100448
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.9 19.0 28.4

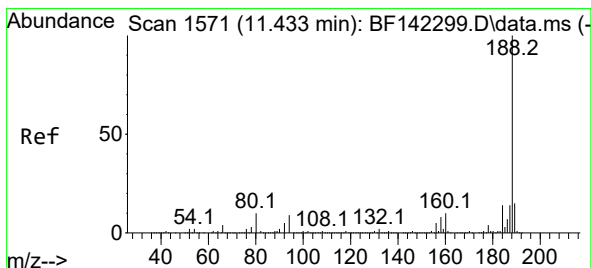
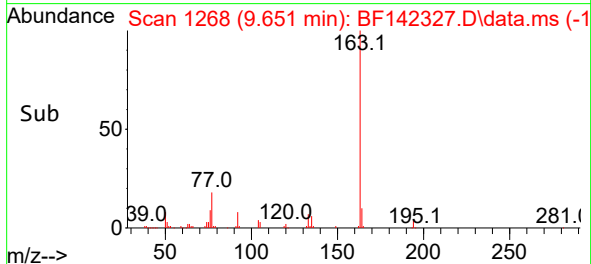
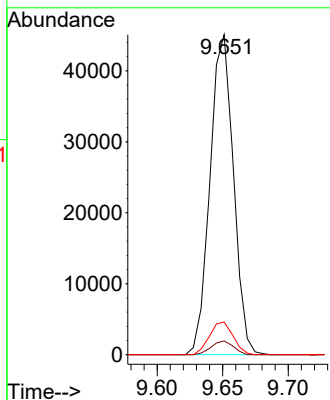
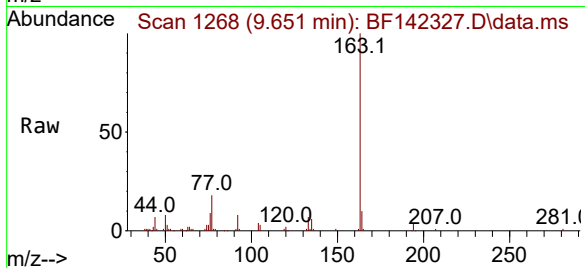




#50
Dimethylphthalate
Concen: 2.051 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

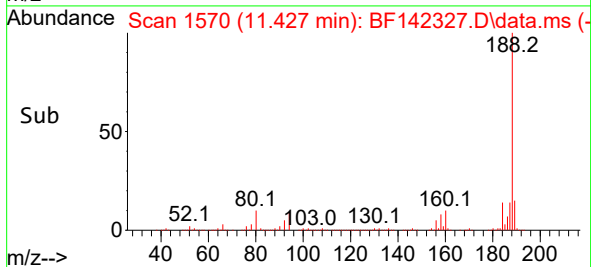
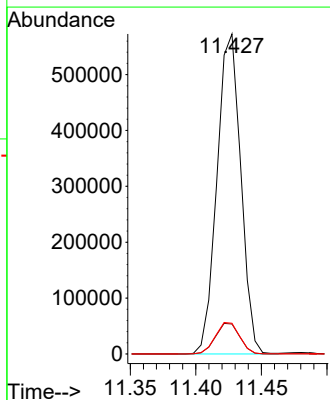
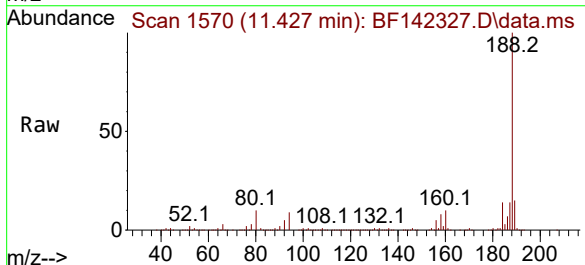
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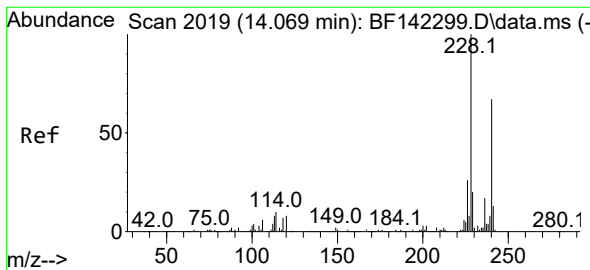
Tgt Ion:163 Resp: 56007
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.2 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142327.D
Acq: 12 May 2025 18:37

Tgt Ion:188 Resp: 722706
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142327.D

Acq: 12 May 2025 18:37

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-12

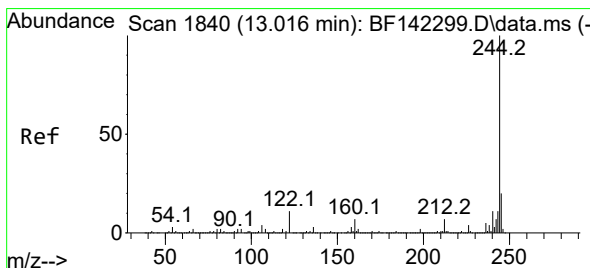
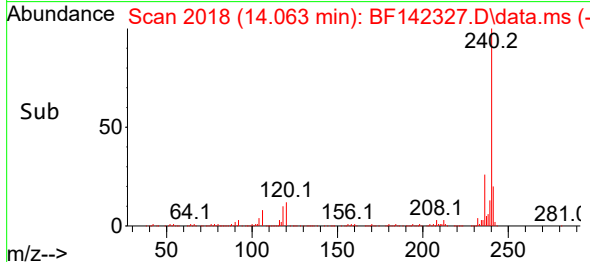
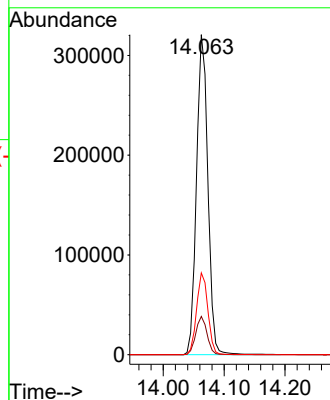
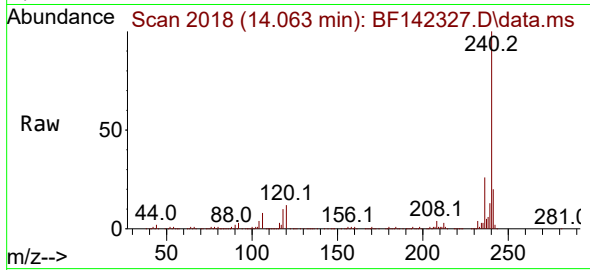
Tgt Ion:240 Resp: 415510

Ion Ratio Lower Upper

240 100

120 12.0 9.7 14.5

236 25.6 20.0 30.0



#79

Terphenyl-d14

Concen: 71.673 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF142327.D

Acq: 12 May 2025 18:37

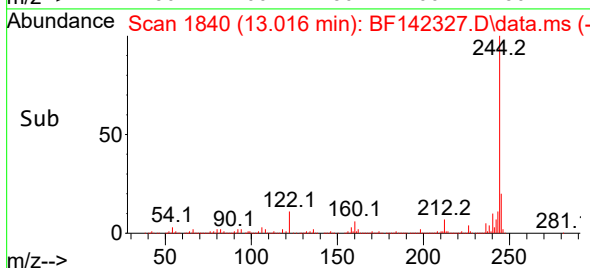
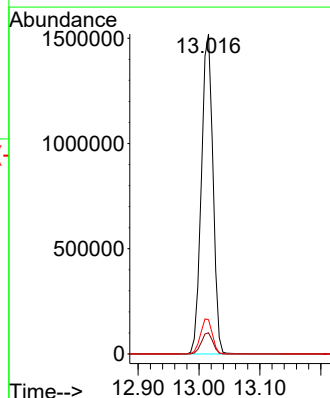
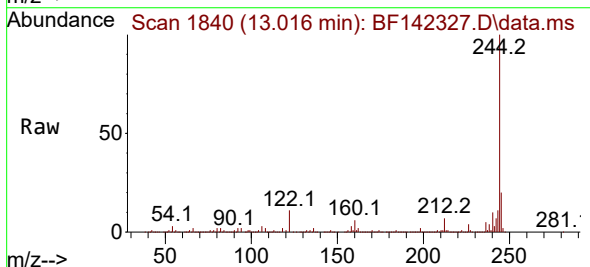
Tgt Ion:244 Resp: 2012073

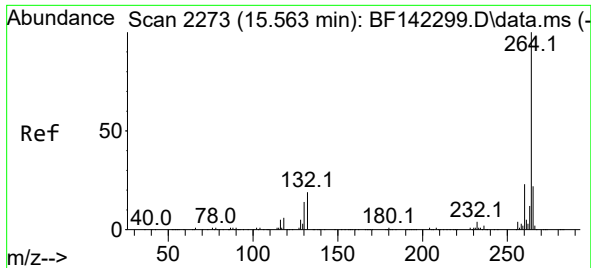
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
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Acq: 12 May 2025 18:37

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Tgt Ion:264 Resp: 297203

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.5	26.3

