

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142328.D
 Acq On : 12 May 2025 19:06
 Operator : RC/JU
 Sample : Q2007-24
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-13

Quant Time: May 13 01:04:31 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)

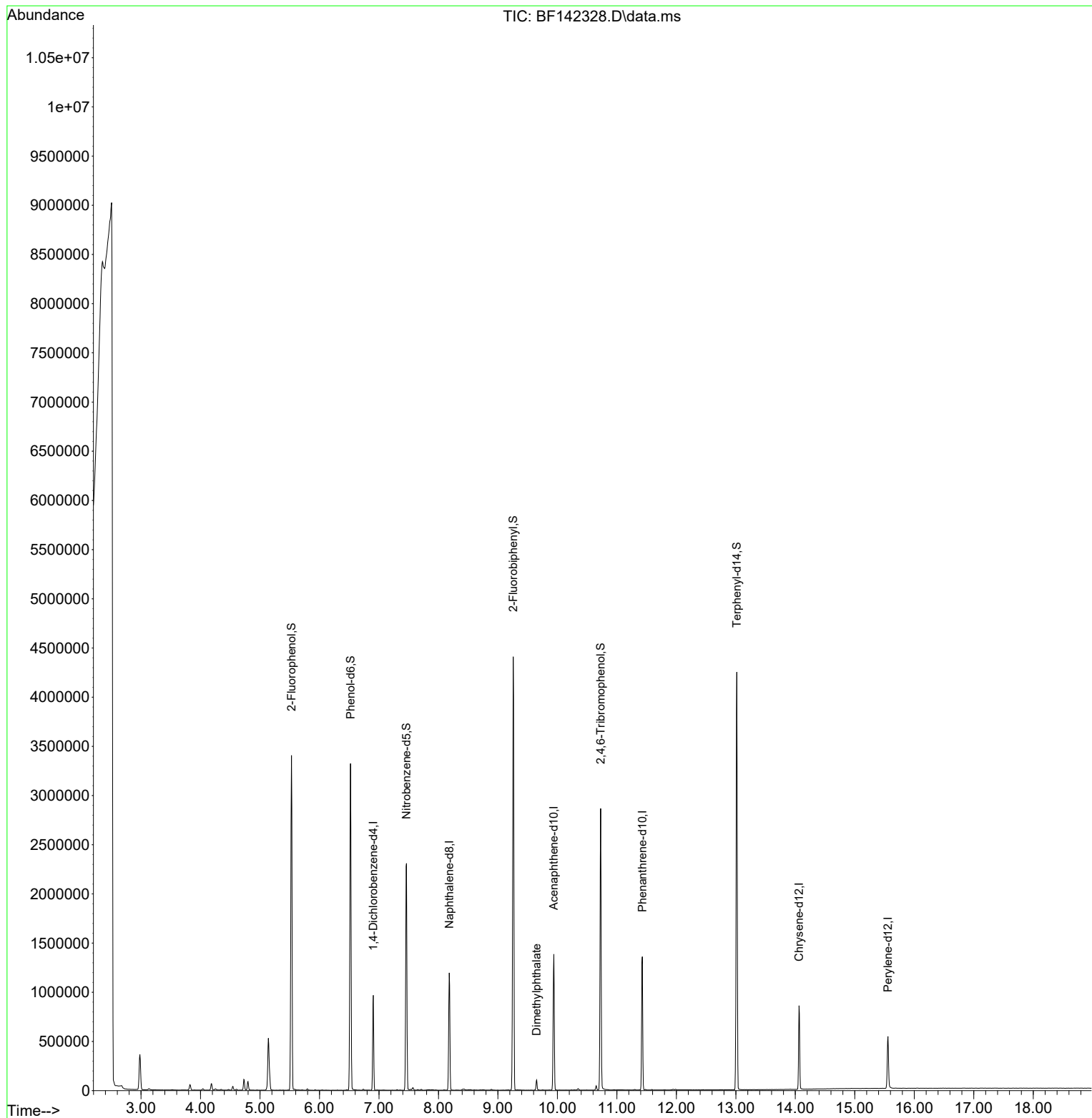
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206611	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	795364	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	422547	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	701410	20.000	ng	0.00
76) Chrysene-d12	14.063	240	413178	20.000	ng	0.00
86) Perylene-d12	15.557	264	316532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1333678	110.192	ng	0.02
7) Phenol-d6	6.522	99	1615893	108.551	ng	0.00
23) Nitrobenzene-d5	7.463	82	1032130	79.142	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	523861	128.410	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2151399	72.599	ng	0.00
79) Terphenyl-d14	13.016	244	2121886	76.011	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.651	163	60237	2.220	ng	Qvalue 99

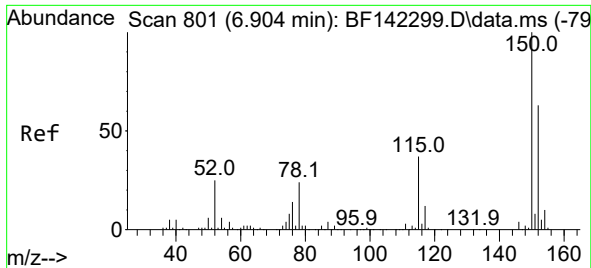
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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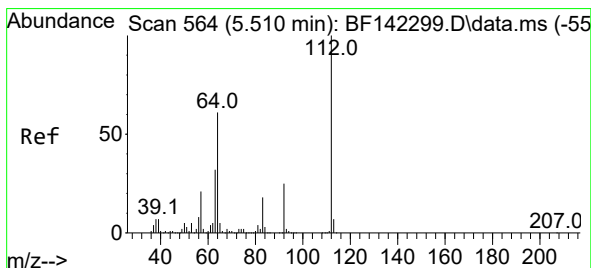
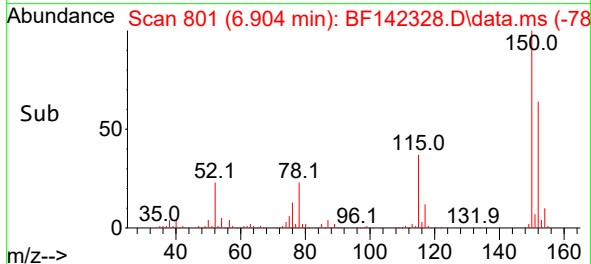
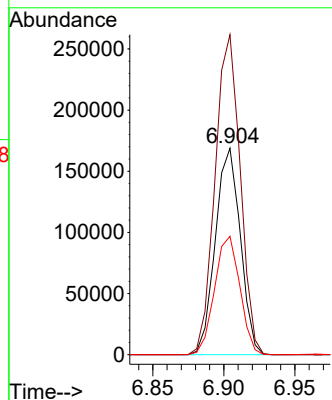
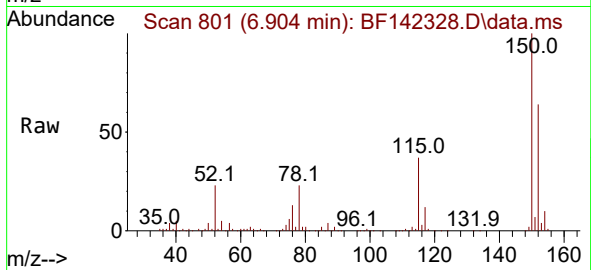




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

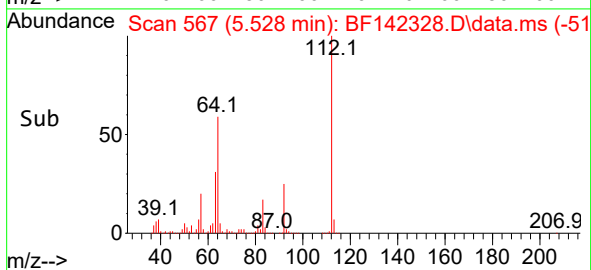
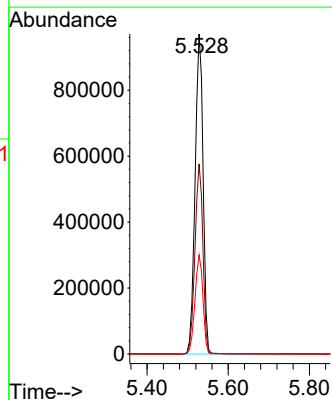
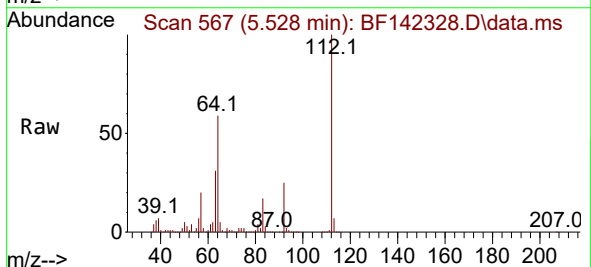
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

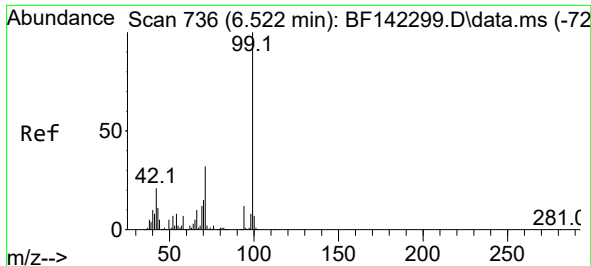
Tgt Ion:152 Resp: 206611
Ion Ratio Lower Upper
152 100
150 155.1 126.6 190.0
115 57.4 47.3 70.9



#5
2-Fluorophenol
Concen: 110.192 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

Tgt Ion:112 Resp: 1333678
Ion Ratio Lower Upper
112 100
64 59.4 48.9 73.3
63 31.0 25.6 38.4

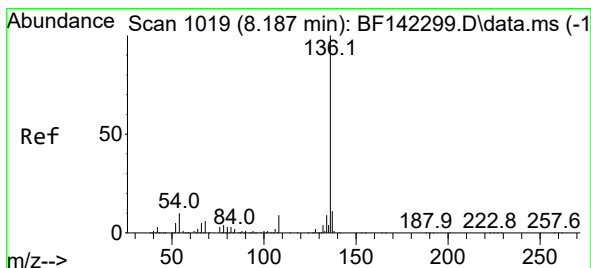
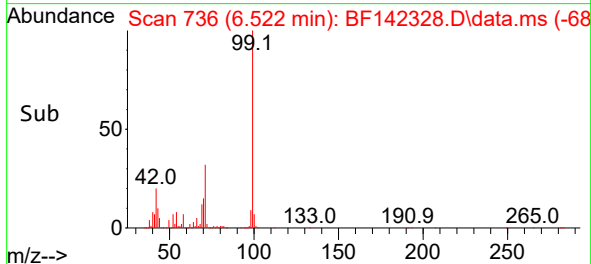
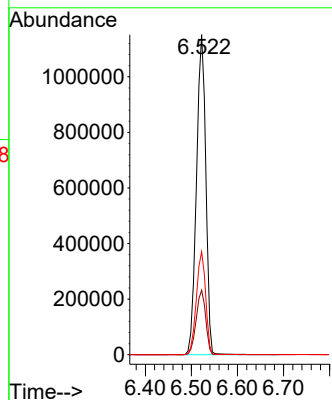
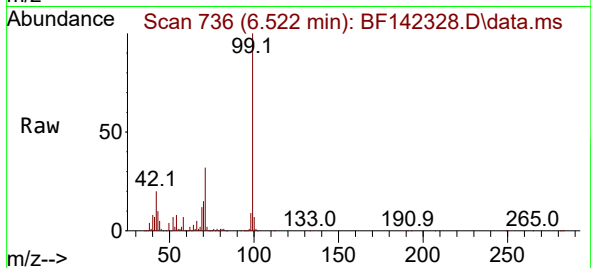




#7
Phenol-d6
Concen: 108.551 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

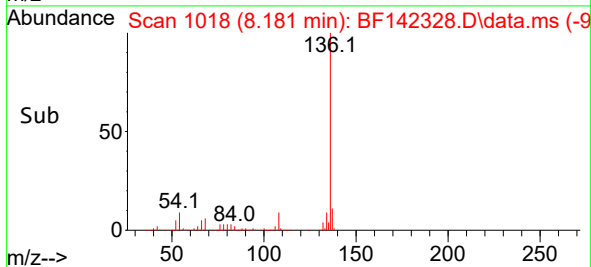
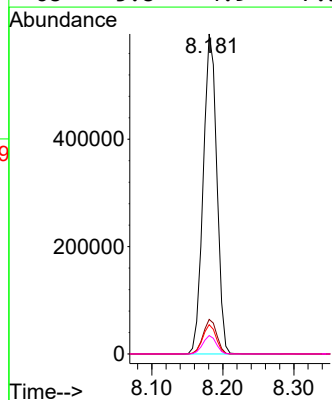
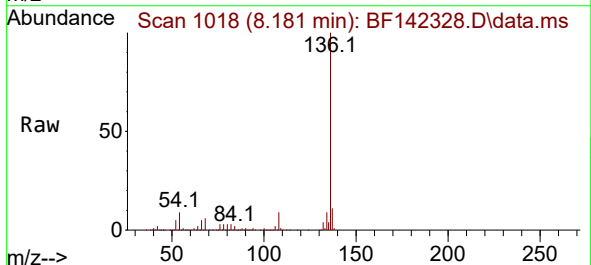
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

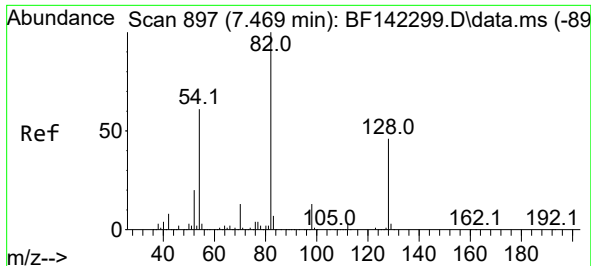
Tgt Ion: 99 Resp: 1615893
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

Tgt Ion:136 Resp: 795364
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.142 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142328.D

Acq: 12 May 2025 19:06

Instrument :

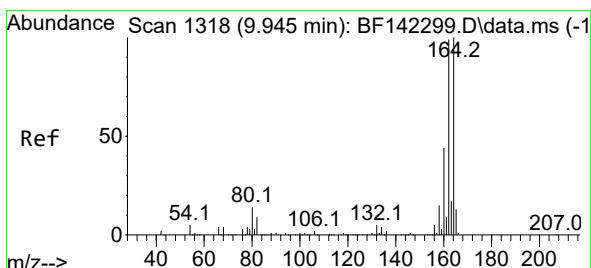
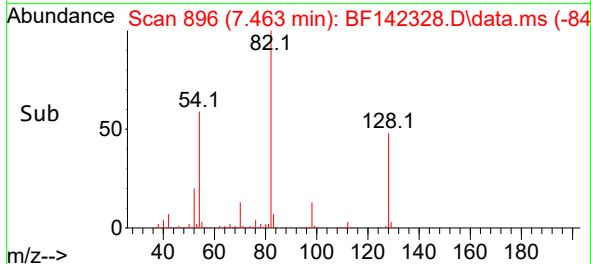
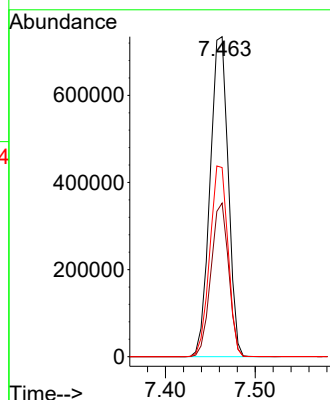
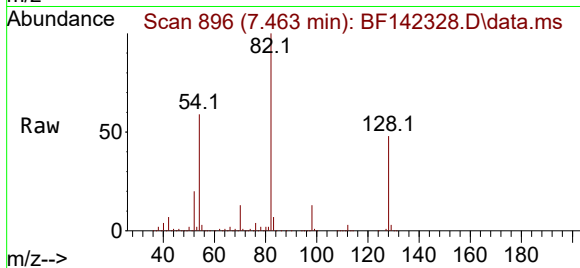
BNA_F

ClientSampleId :

OR-636-COMP-13

Tgt Ion: 82 Resp: 1032130

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.0	55.6
54	59.1	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

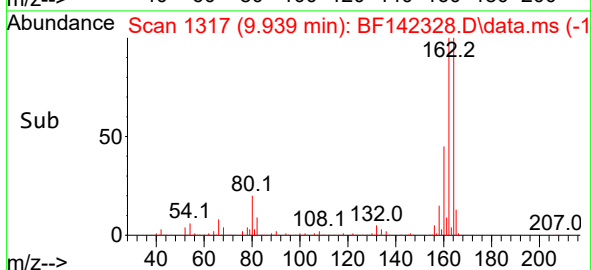
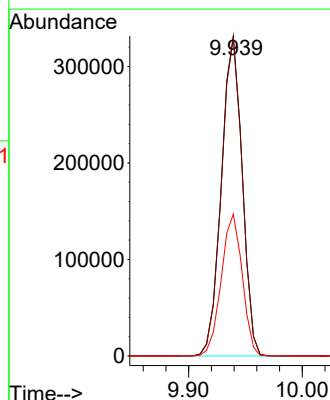
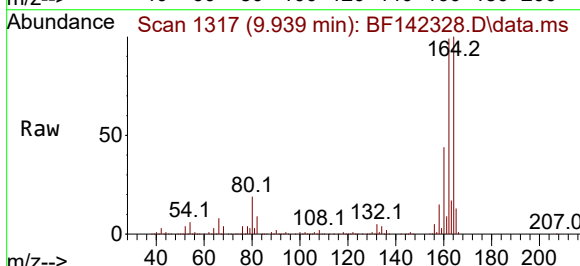
Delta R.T. -0.006 min

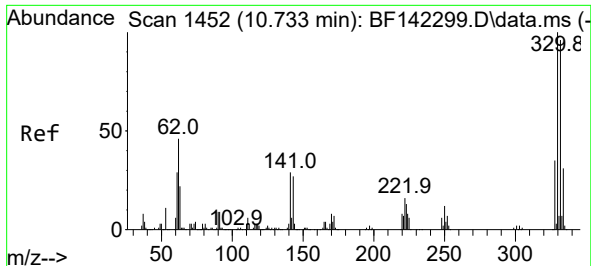
Lab File: BF142328.D

Acq: 12 May 2025 19:06

Tgt Ion: 164 Resp: 422547

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.2	118.8
160	44.3	35.3	52.9

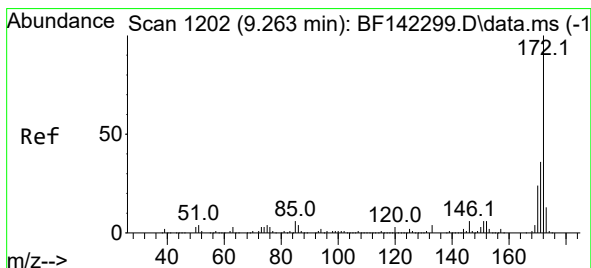
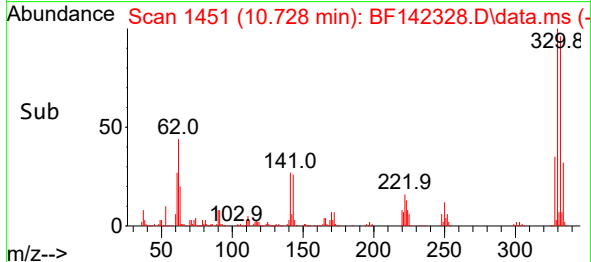
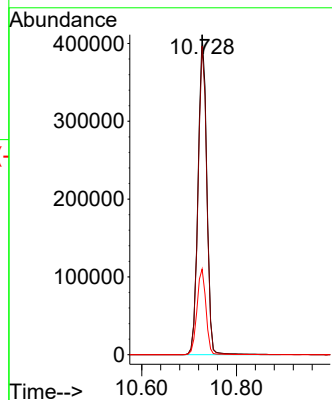
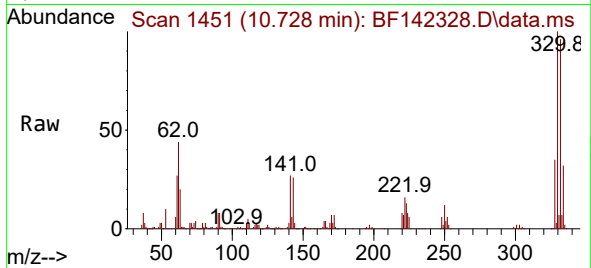




#42
2,4,6-Tribromophenol
Concen: 128.410 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

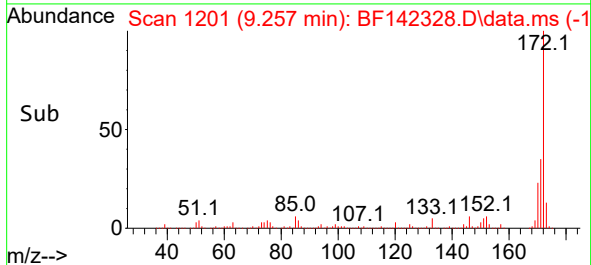
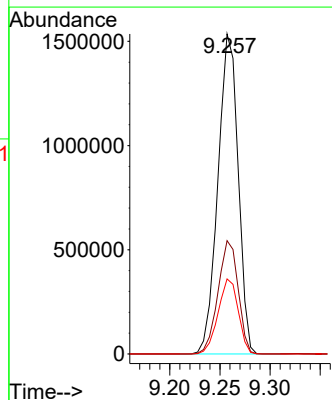
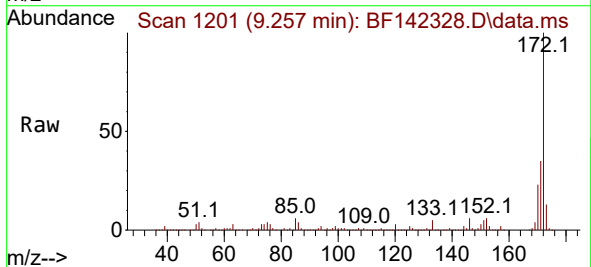
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

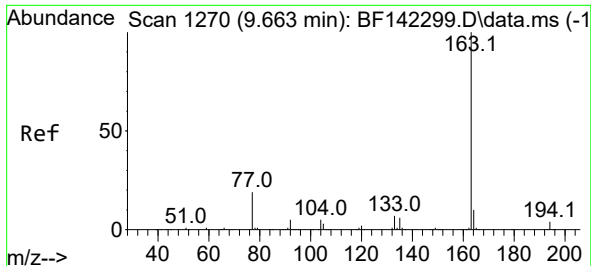
Tgt Ion:330 Resp: 523861
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 27.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

Tgt Ion:172 Resp: 2151399
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.5 19.0 28.4

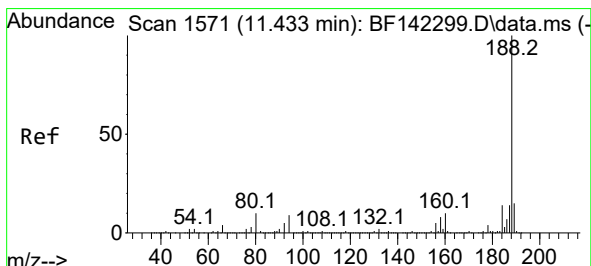
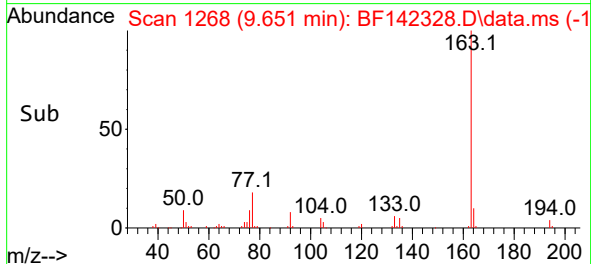
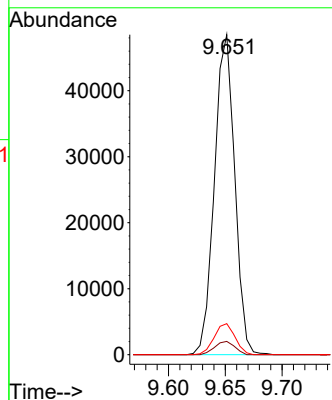
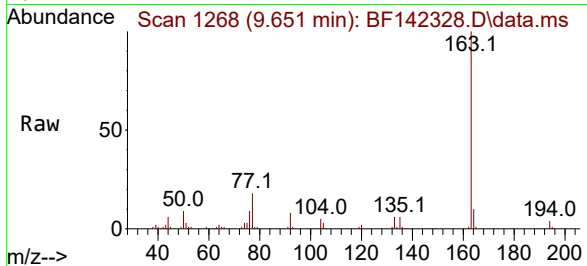




#50
Dimethylphthalate
Concen: 2.220 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

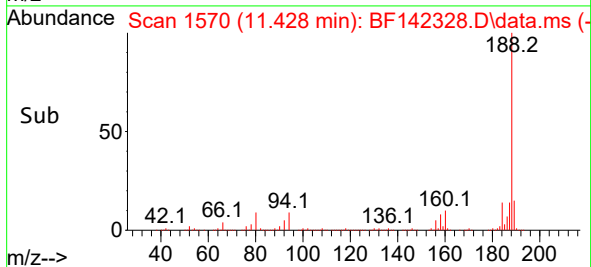
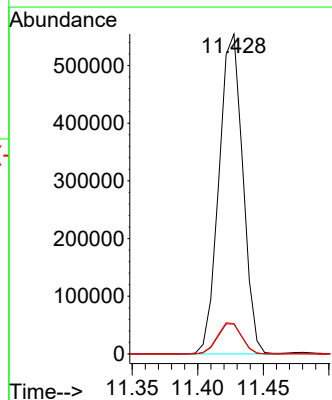
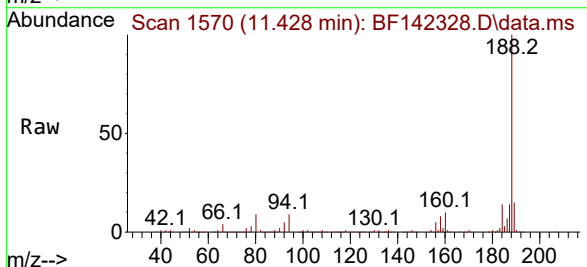
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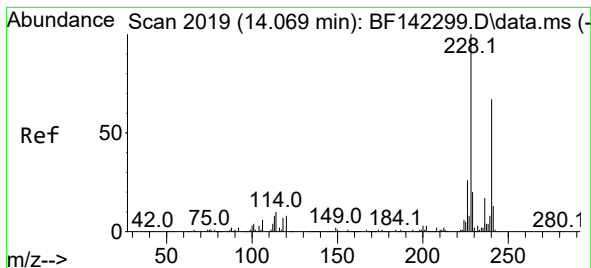
Tgt Ion:163 Resp: 60237
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.7 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

Tgt Ion:188 Resp: 701410
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.5 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142328.D

Acq: 12 May 2025 19:06

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13

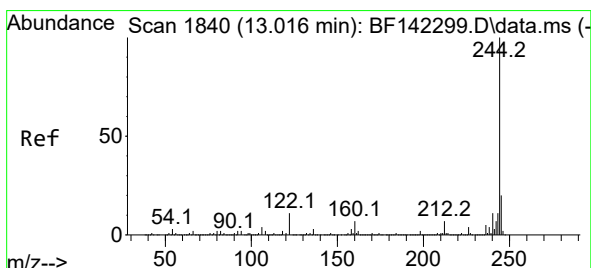
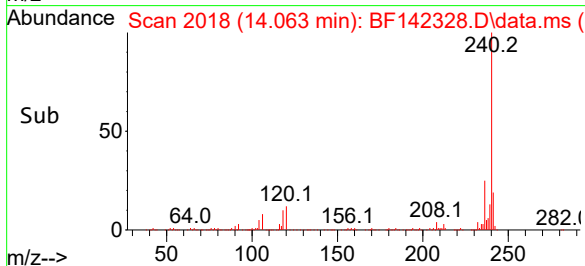
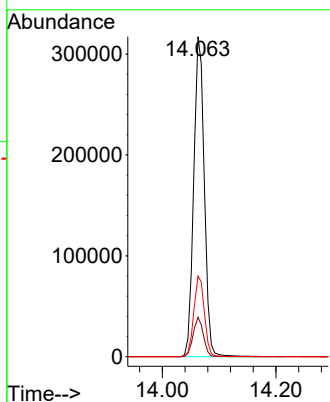
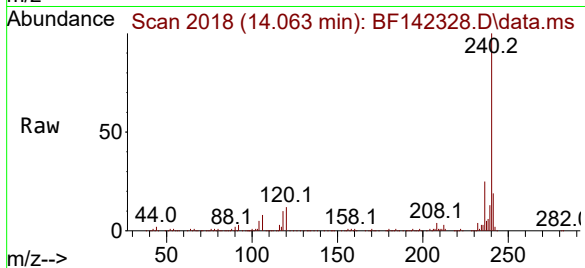
Tgt Ion:240 Resp: 413178

Ion Ratio Lower Upper

240 100

120 12.2 9.7 14.5

236 25.2 20.0 30.0



#79

Terphenyl-d14

Concen: 76.011 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142328.D

Acq: 12 May 2025 19:06

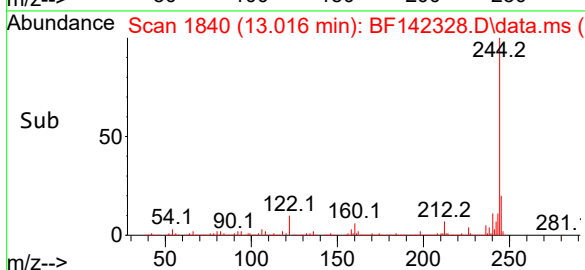
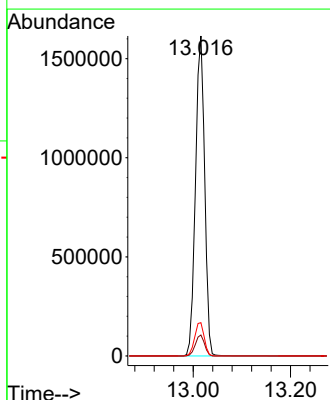
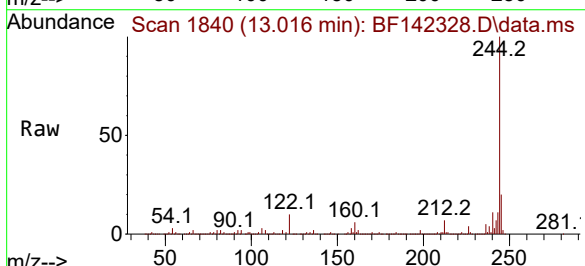
Tgt Ion:244 Resp: 2121886

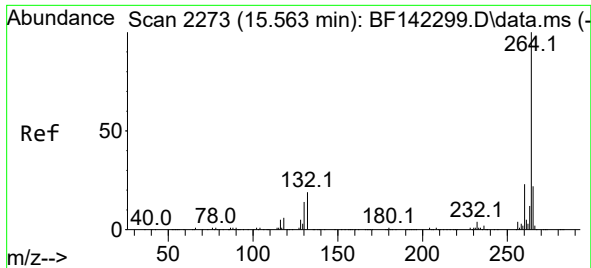
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

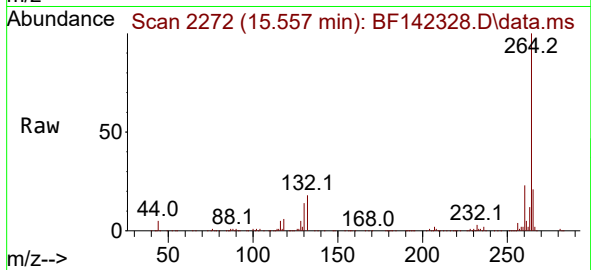
122 10.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142328.D
Acq: 12 May 2025 19:06

Instrument :
BNA_F
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Tgt Ion:264 Resp: 316532
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.1 17.5 26.3

