

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142322.D
 Acq On : 12 May 2025 16:11
 Operator : RC/JU
 Sample : Q1983-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01

Quant Time: May 12 16:38:47 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	210332	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	797151	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	422840	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	721453	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	427752	20.000	ng	0.00
86) Perylene-d12	15.557	264	336875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1309448	106.276	ng	0.01
7) Phenol-d6	6.522	99	1476315	97.420	ng	0.00
23) Nitrobenzene-d5	7.463	82	1032363	78.982	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	523378	128.202	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2067901	69.733	ng	0.00
79) Terphenyl-d14	13.015	244	2060023	71.281	ng	0.00

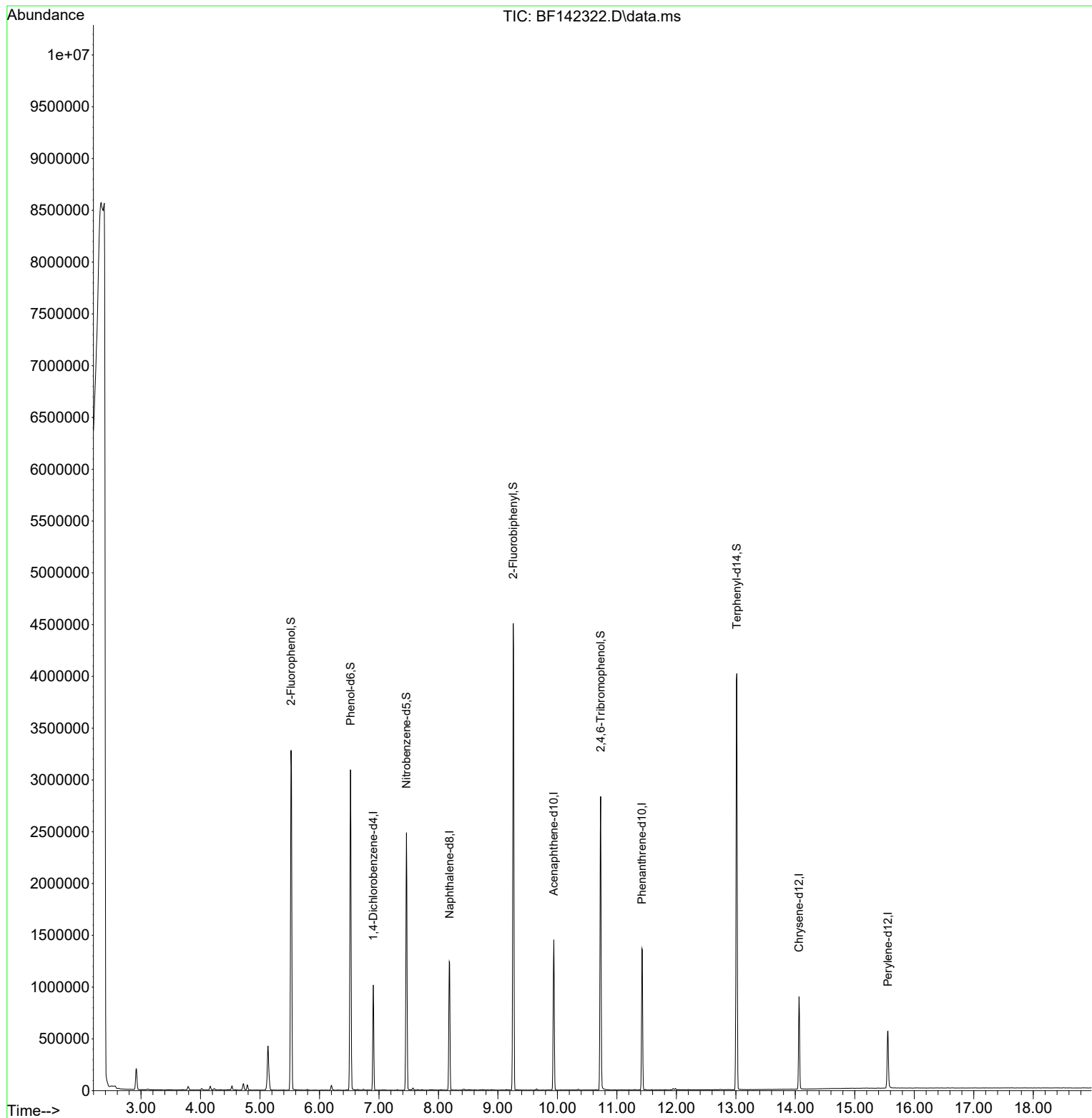
Target Compounds	Qvalue

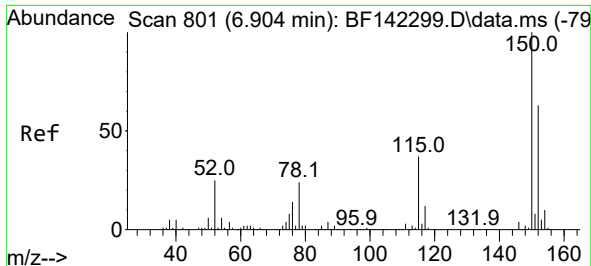
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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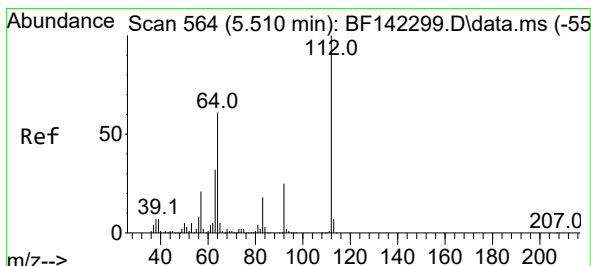
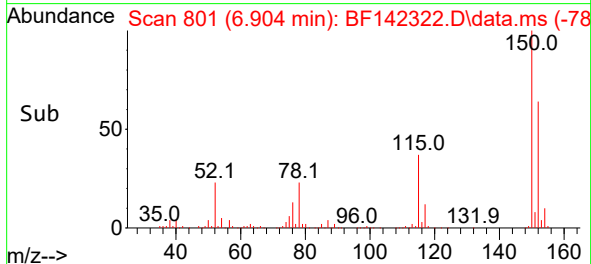
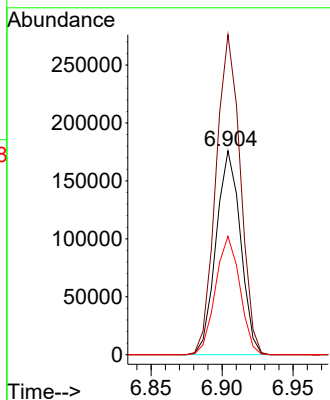
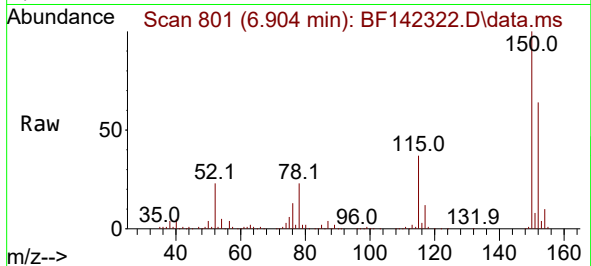




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142322.D
Acq: 12 May 2025 16:11

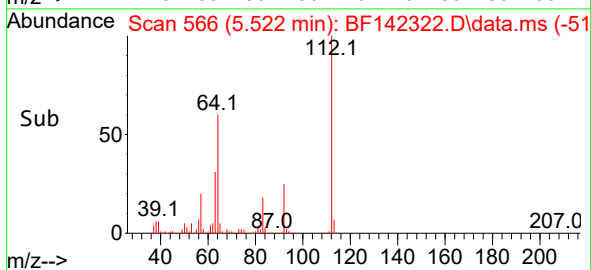
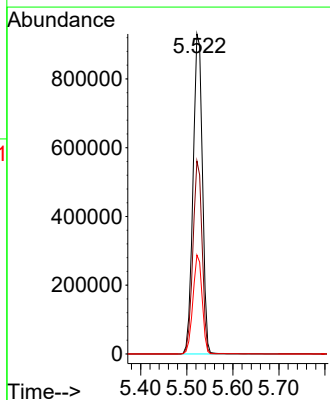
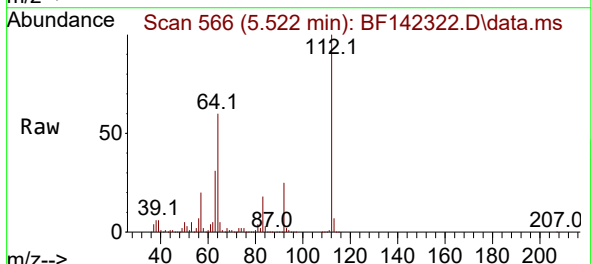
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01

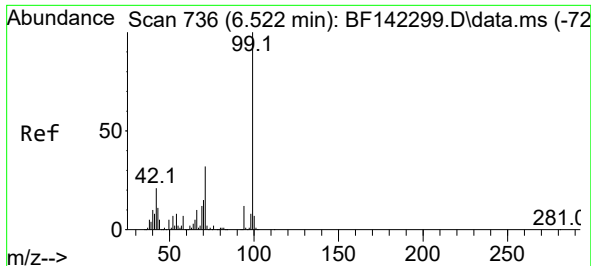
Tgt Ion:152 Resp: 210332
Ion Ratio Lower Upper
152 100
150 156.9 126.6 190.0
115 58.1 47.3 70.9



#5
2-Fluorophenol
Concen: 106.276 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142322.D
Acq: 12 May 2025 16:11

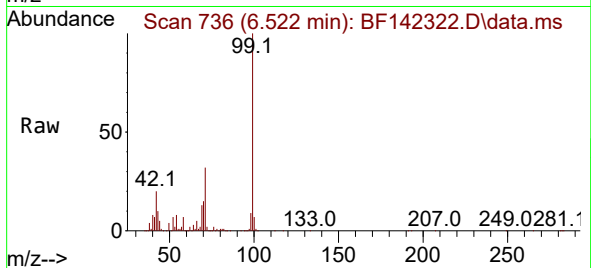
Tgt Ion:112 Resp: 1309448
Ion Ratio Lower Upper
112 100
64 60.3 48.9 73.3
63 30.9 25.6 38.4



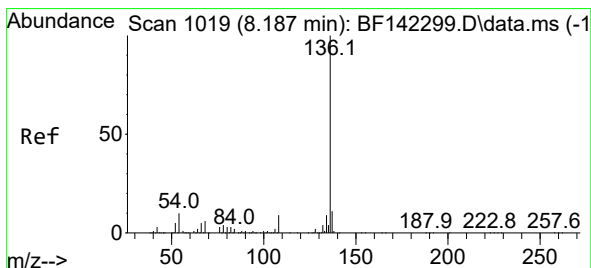
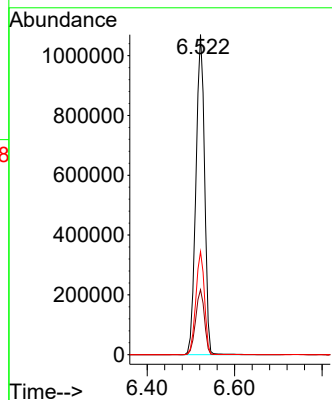
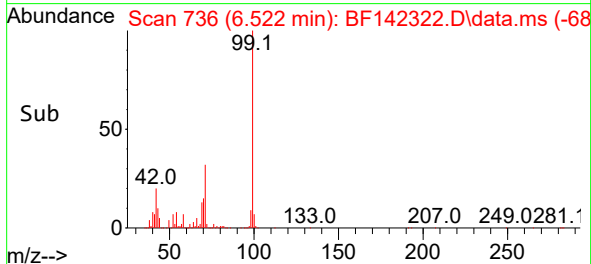


#7
Phenol-d6
Concen: 97.420 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142322.D
Acq: 12 May 2025 16:11

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01

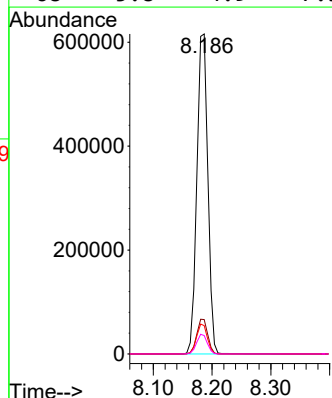
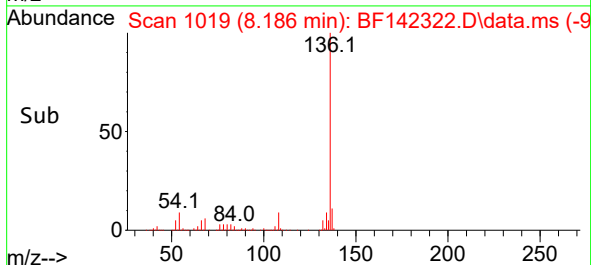
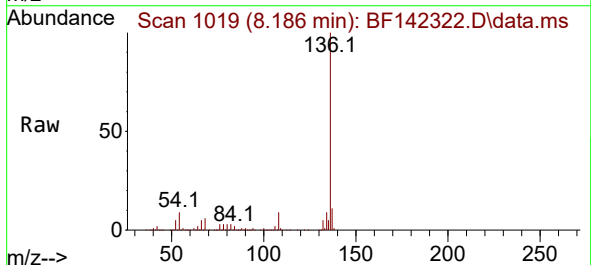


Tgt Ion: 99 Resp: 1476315
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142322.D
Acq: 12 May 2025 16:11

Tgt Ion: 136 Resp: 797151
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.8 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 78.982 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142322.D

Acq: 12 May 2025 16:11

Instrument :

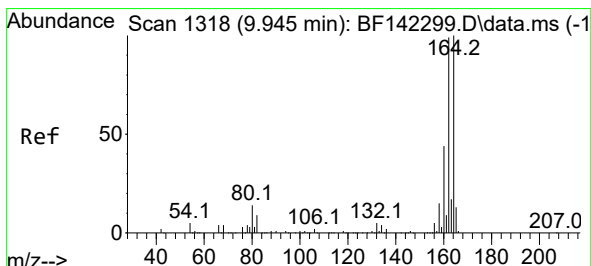
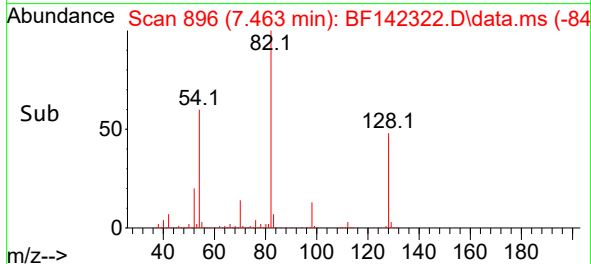
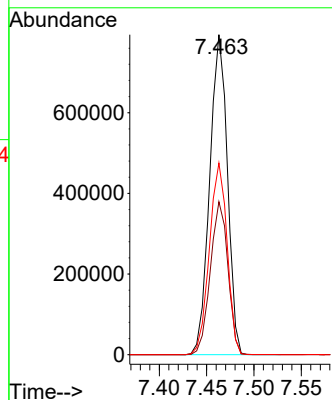
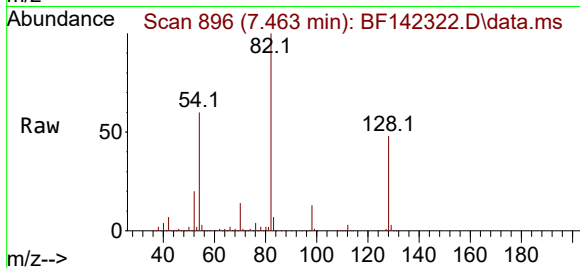
BNA_F

ClientSampleId :

OR-636-COMP-01

Tgt Ion: 82 Resp: 1032363

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	59.9	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

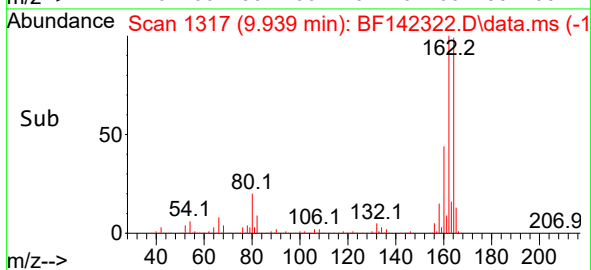
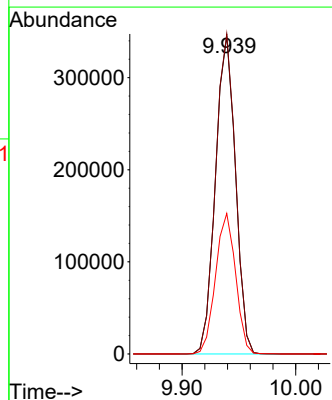
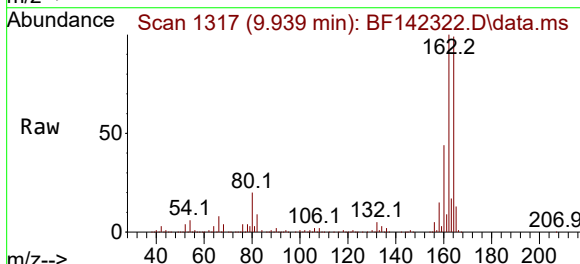
Delta R.T. -0.006 min

Lab File: BF142322.D

Acq: 12 May 2025 16:11

Tgt Ion:164 Resp: 422840

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.2	118.8
160	44.2	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 128.202 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142322.D

Acq: 12 May 2025 16:11

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01

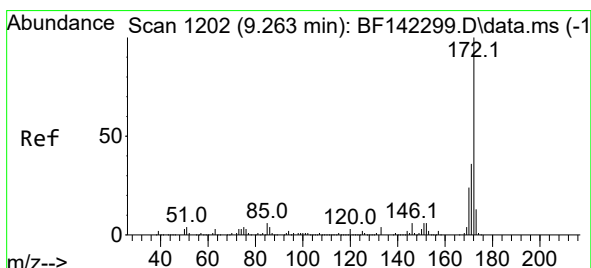
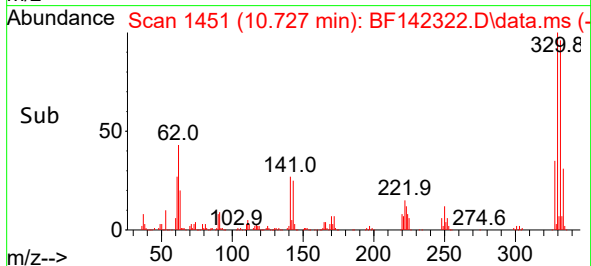
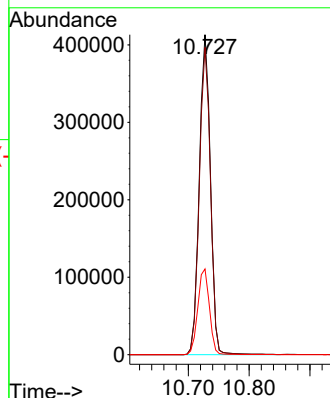
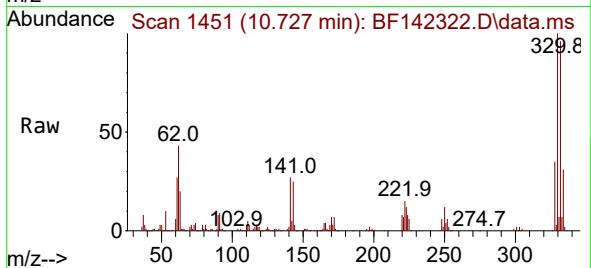
Tgt Ion:330 Resp: 523378

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 28.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 69.733 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142322.D

Acq: 12 May 2025 16:11

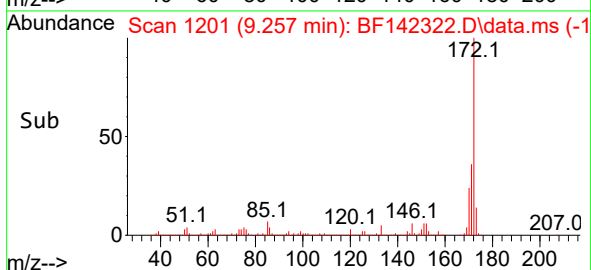
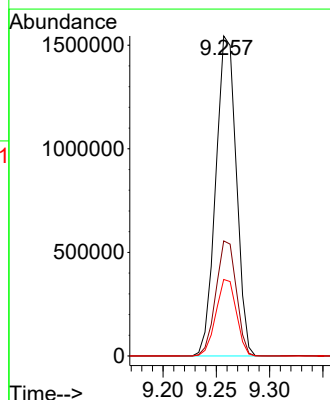
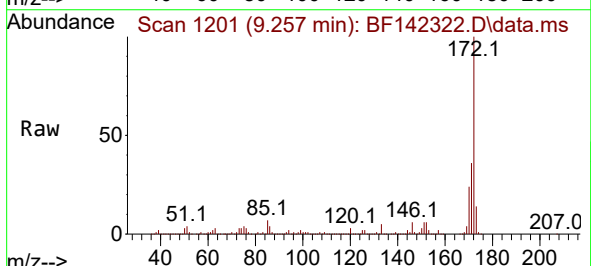
Tgt Ion:172 Resp: 2067901

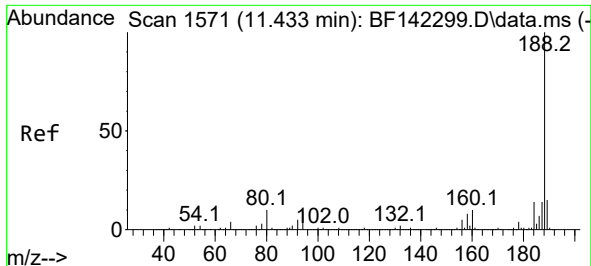
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.9 19.0 28.4

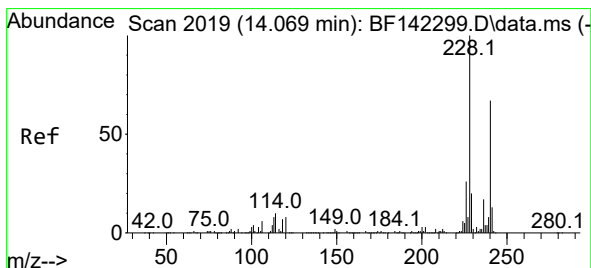
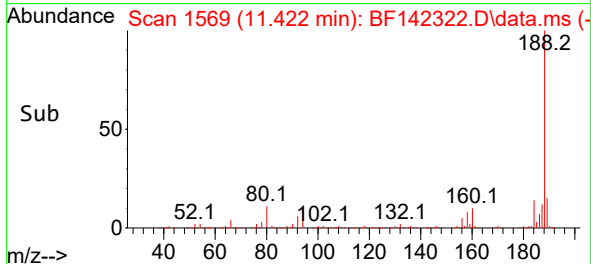
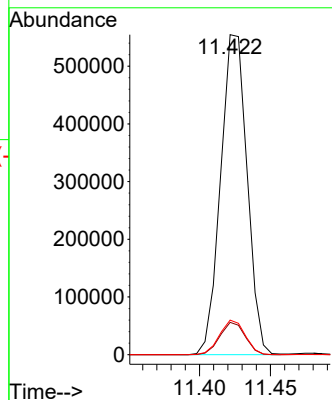
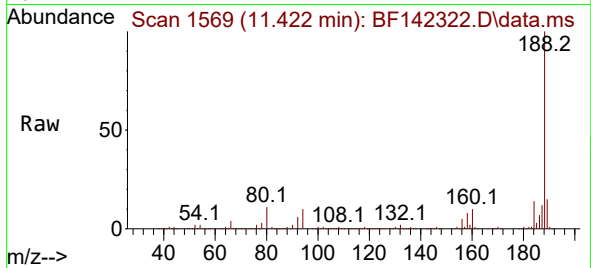




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142322.D
Acq: 12 May 2025 16:11

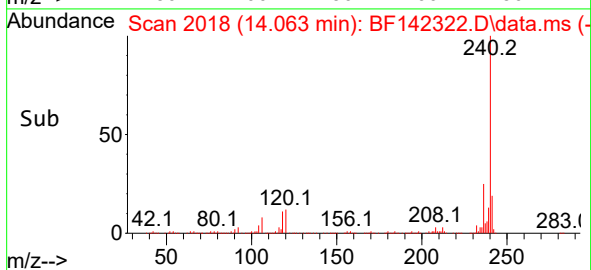
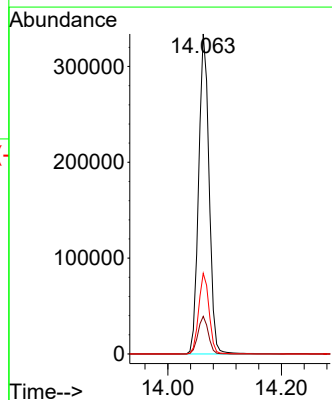
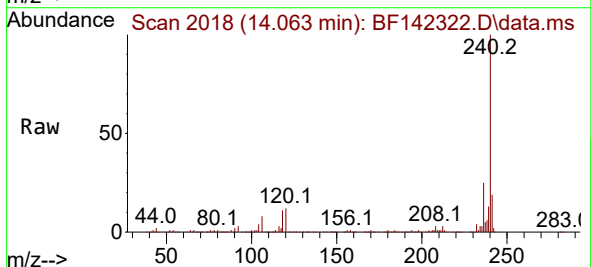
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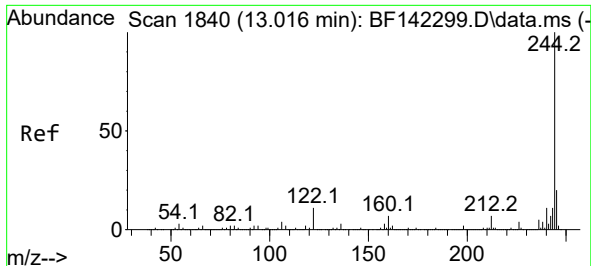
Tgt Ion:188 Resp: 721453
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142322.D
Acq: 12 May 2025 16:11

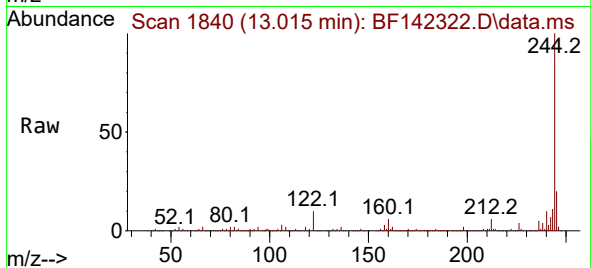
Tgt Ion:240 Resp: 427752
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.2 20.0 30.0



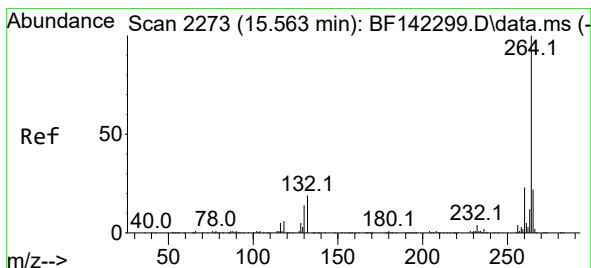
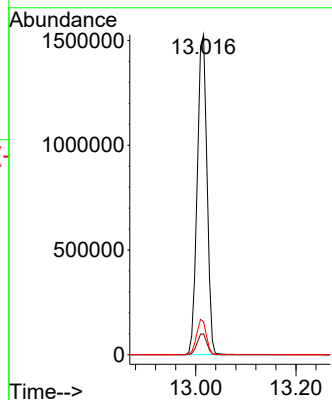
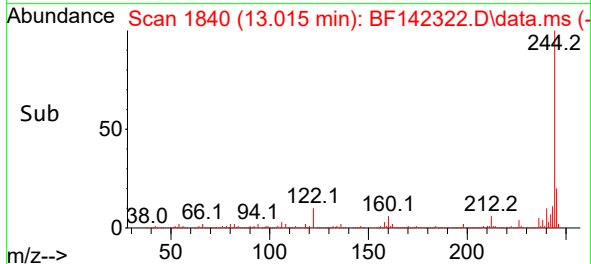


#79
 Terphenyl-d14
 Concen: 71.281 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142322.D
 Acq: 12 May 2025 16:11

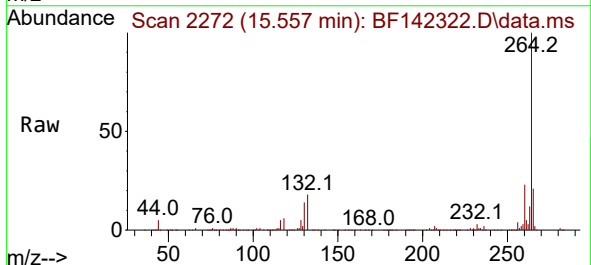
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01



Tgt Ion:244 Resp: 2060023
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142322.D
 Acq: 12 May 2025 16:11



Tgt Ion:264 Resp: 336875
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.5 17.5 26.3

