

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142459.D
 Acq On : 19 May 2025 18:56
 Operator : RC/JU
 Sample : Q2062-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-5

Quant Time: May 20 02:22:20 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)

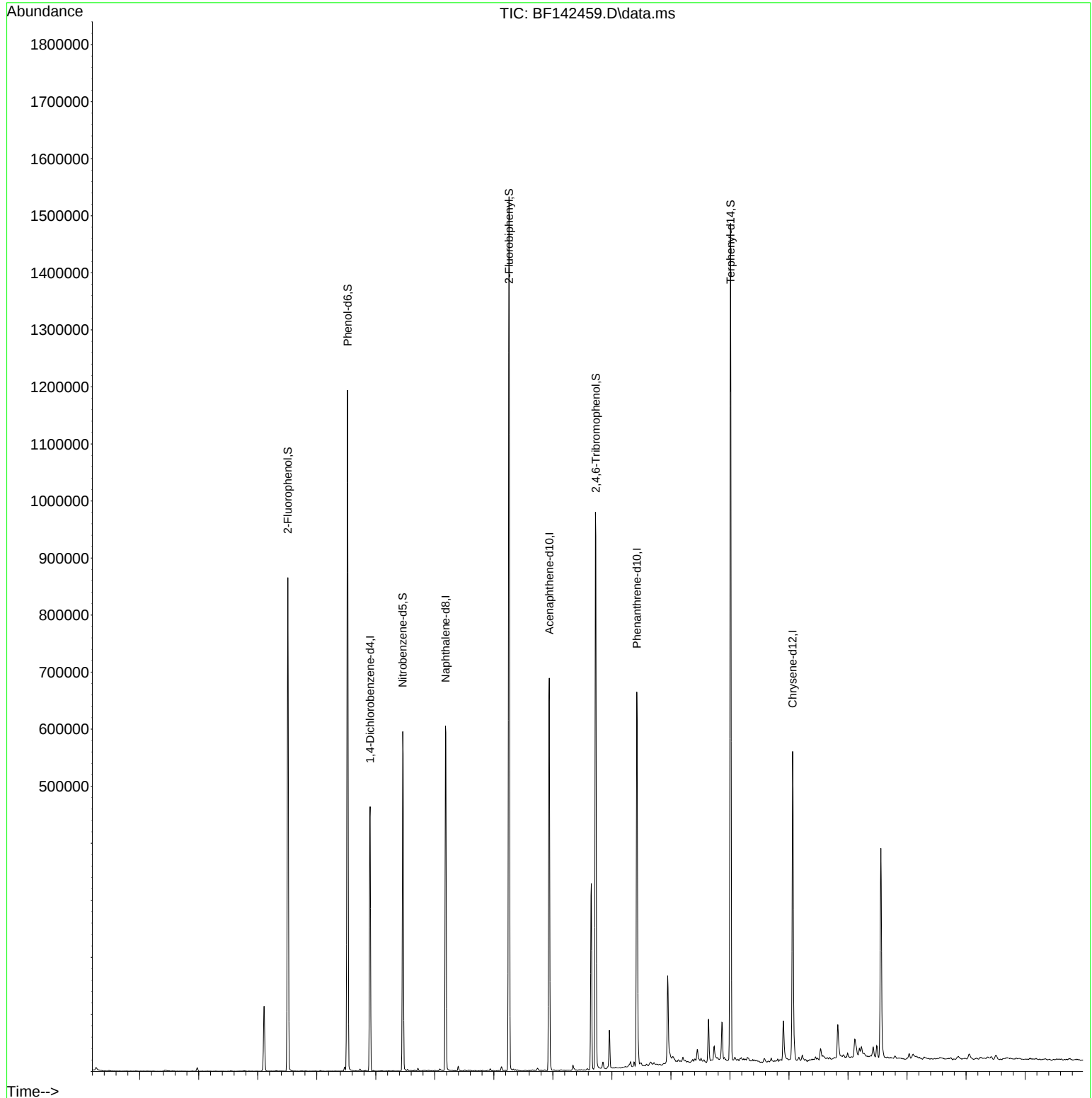
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	102095	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	392933	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	209088	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	344296	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	250098	20.000	ng	0.00
86) Perylene-d12	15.557	264	211607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	321633	53.779	ng	0.00
7) Phenol-d6	6.522	99	544689	74.049	ng	0.00
23) Nitrobenzene-d5	7.457	82	243550	37.801	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	177101	87.730	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	666171	45.430	ng	0.00
79) Terphenyl-d14	13.010	244	705330	41.742	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.639	202	43540	2.413	ng	96
84) Bis(2-ethylhexyl)phtha...	14.045	149	7300	5.024	ng	98

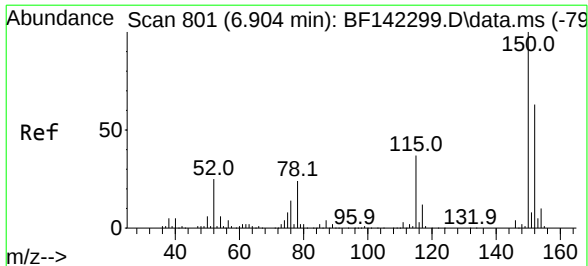
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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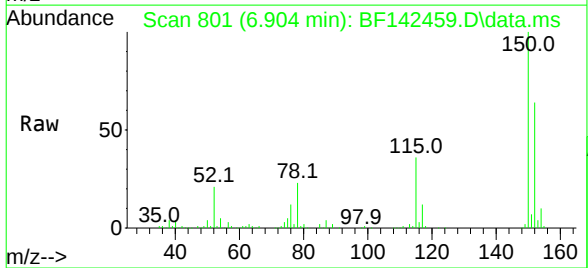
Quant Time: May 20 02:22:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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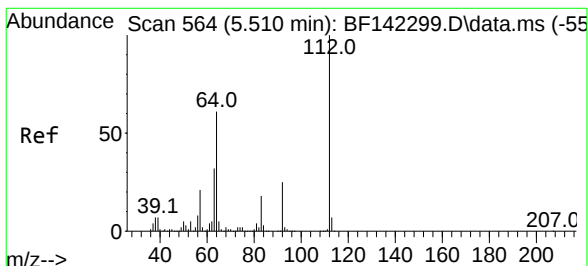
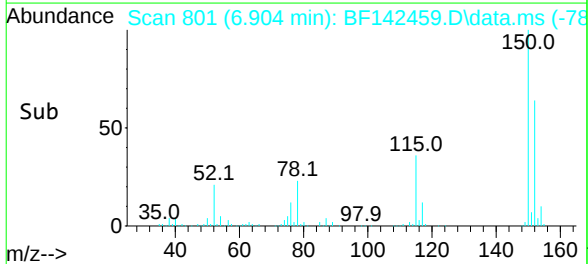
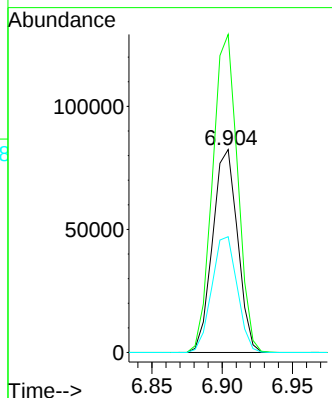


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Instrument :
BNA_F
ClientSampleId :
L1-WC-5

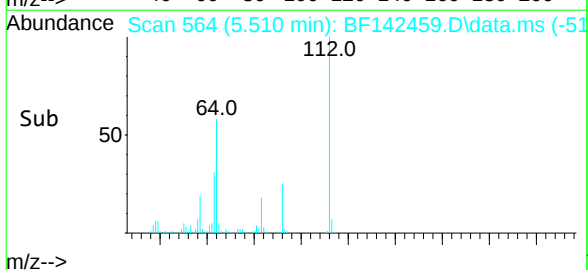
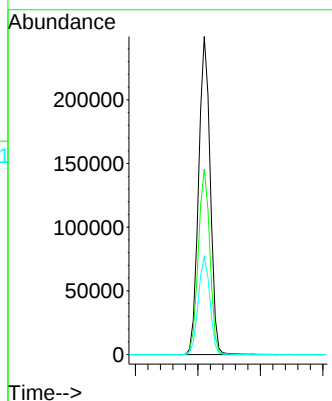
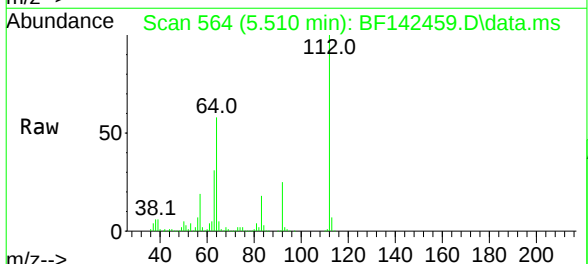


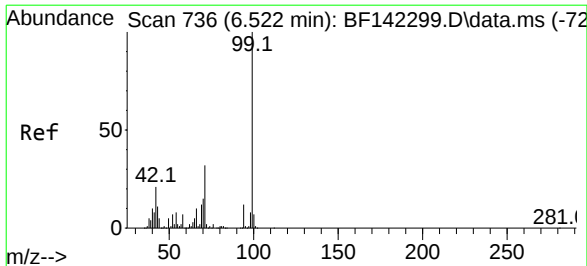
Tgt Ion:152 Resp: 102095
Ion Ratio Lower Upper
152 100
150 156.7 126.6 190.0
115 57.1 47.3 70.9



#5
2-Fluorophenol
Concen: 53.779 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Tgt Ion:112 Resp: 321633
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.8 25.6 38.4

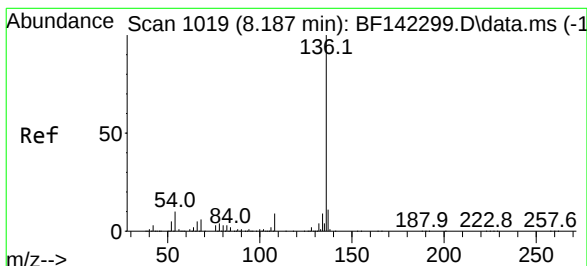
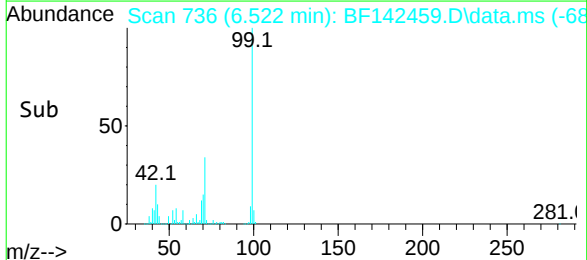
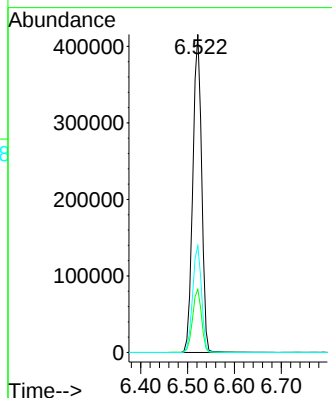
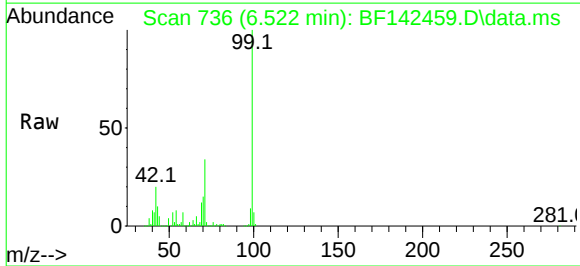




#7
Phenol-d6
Concen: 74.049 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

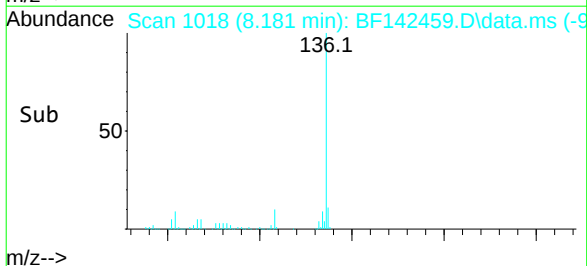
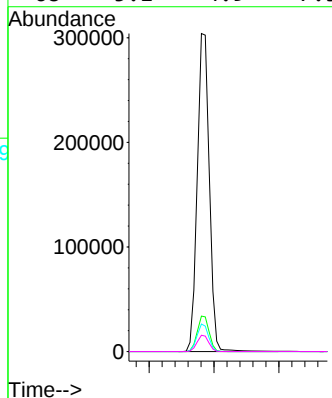
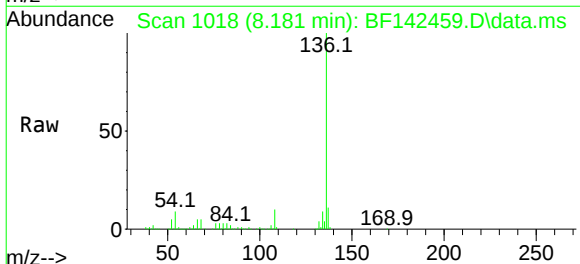
Instrument :
BNA_F
ClientSampleId :
L1-WC-5

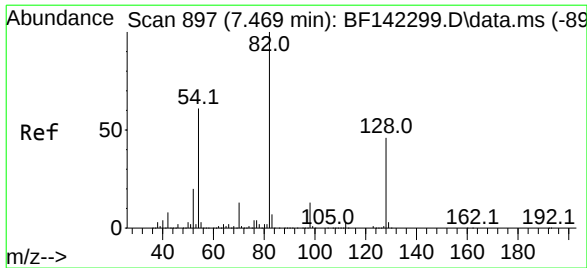
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.0	25.4
71	33.6	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.7	11.5
68	5.1	4.9	7.3

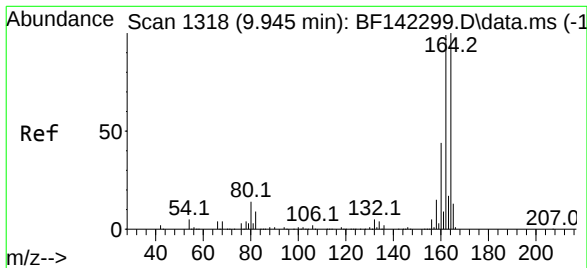
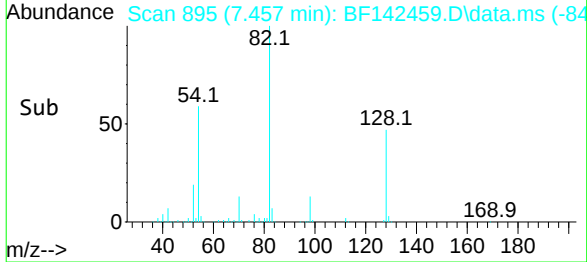
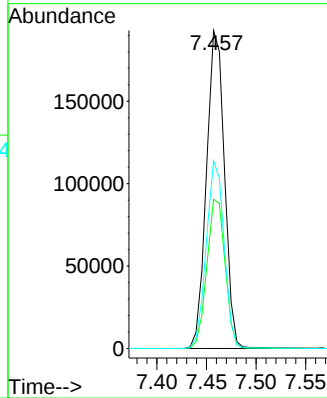
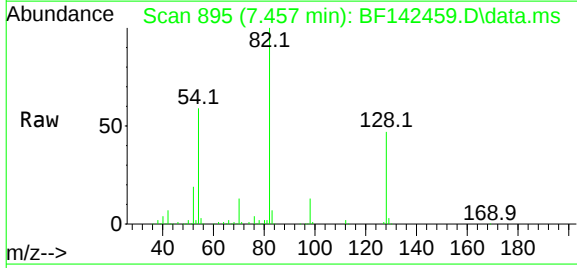




#23
Nitrobenzene-d5
Concen: 37.801 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

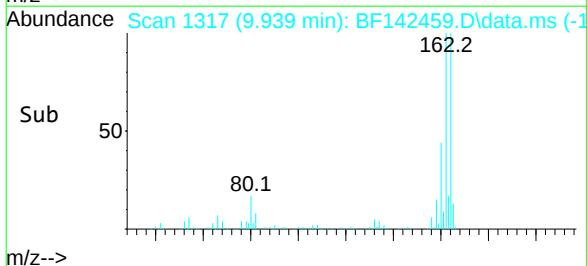
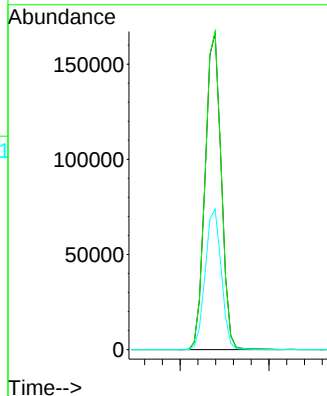
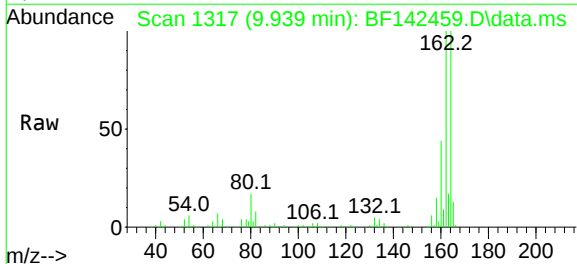
Instrument :
BNA_F
ClientSampleId :
L1-WC-5

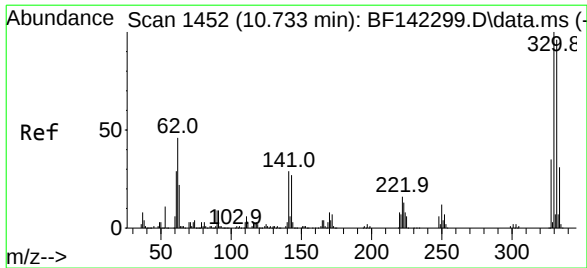
Tgt Ion: 82 Resp: 243550
Ion Ratio Lower Upper
82 100
128 46.9 37.0 55.6
54 59.0 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Tgt Ion: 164 Resp: 209088
Ion Ratio Lower Upper
164 100
162 100.4 79.2 118.8
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 87.730 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142459.D

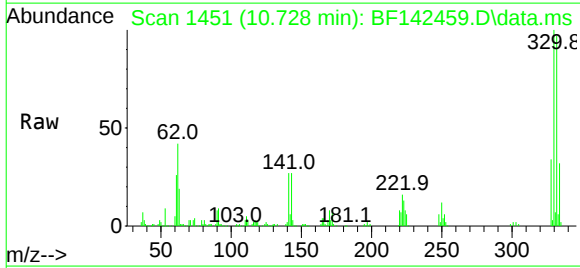
Acq: 19 May 2025 18:56

Instrument :

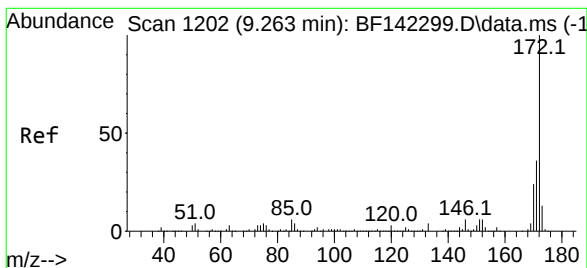
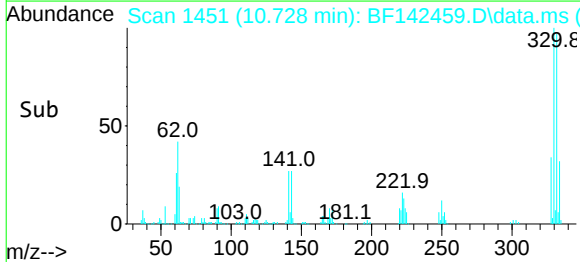
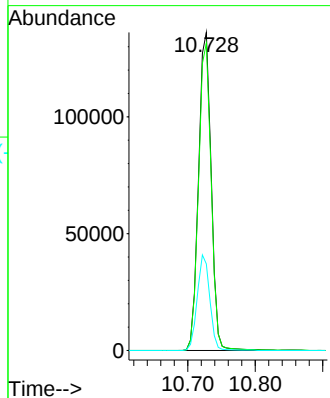
BNA_F

ClientSampleId :

L1-WC-5



Tgt Ion:	330	Resp:	177101
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.8	115.2
141	29.8	24.9	37.3



#45

2-Fluorobiphenyl

Concen: 45.430 ng

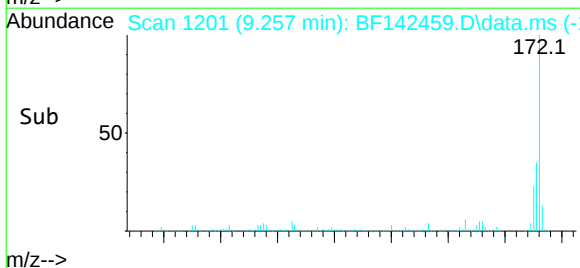
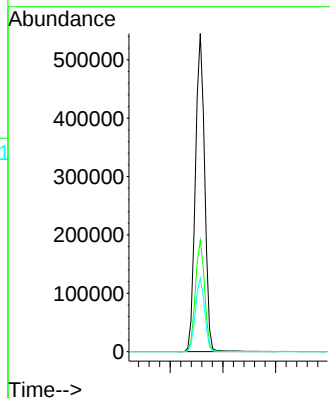
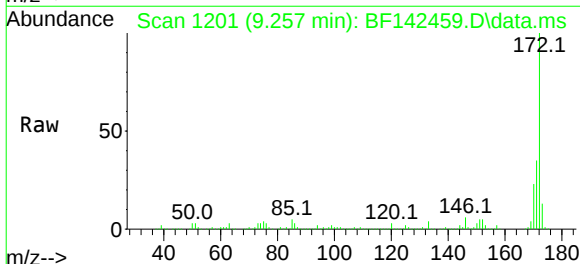
RT: 9.257 min Scan# 1201

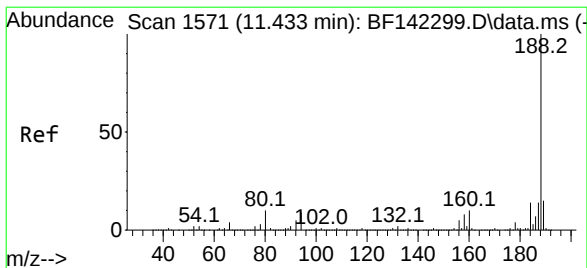
Delta R.T. -0.006 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

Tgt Ion:	172	Resp:	666171
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	42.8
170	23.1	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF142459.D

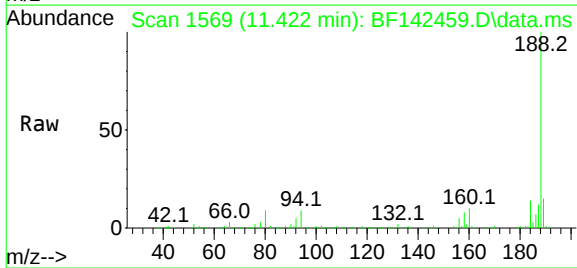
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Instrument :

BNA_F

ClientSampleId :

L1-WC-5



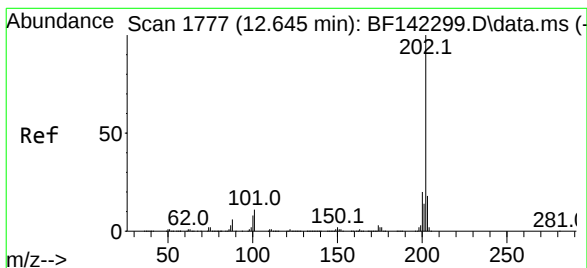
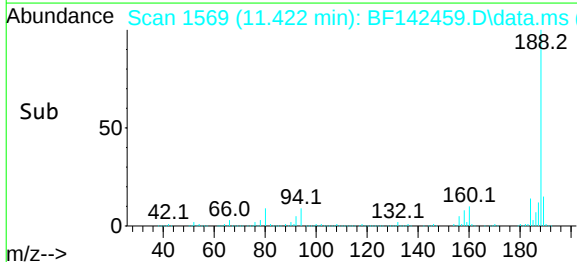
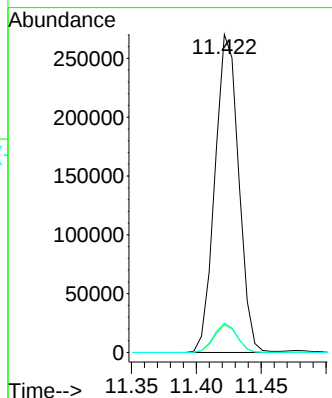
Tgt Ion:188 Resp: 344296

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.3 7.9 11.9



#75

Fluoranthene

Concen: 2.413 ng

RT: 12.639 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

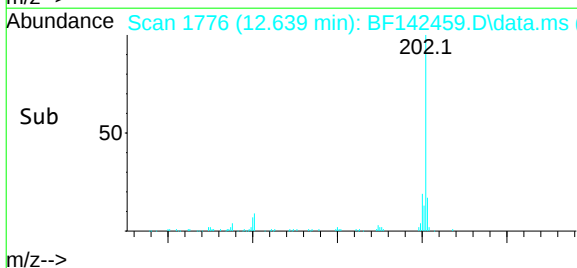
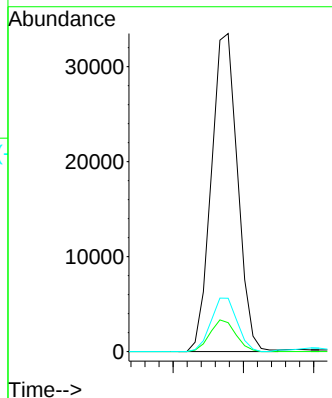
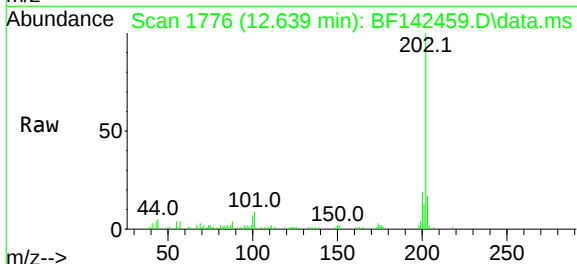
Tgt Ion:202 Resp: 43540

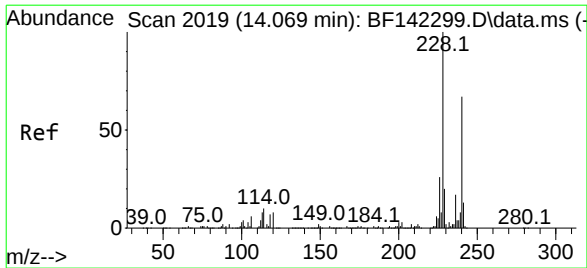
Ion Ratio Lower Upper

202 100

101 9.1 0.0 31.4

203 16.8 0.0 37.9

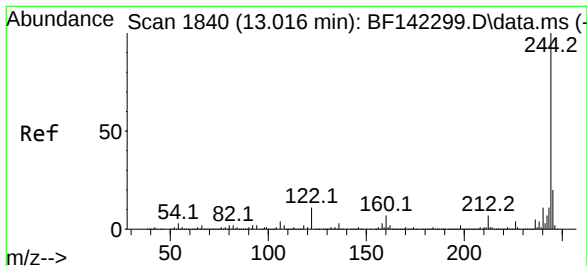
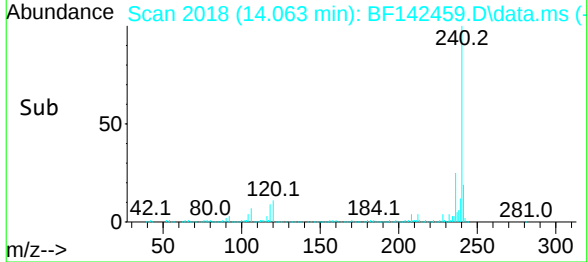
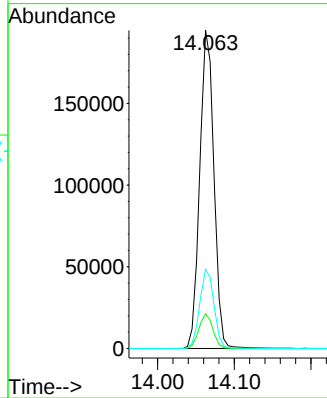
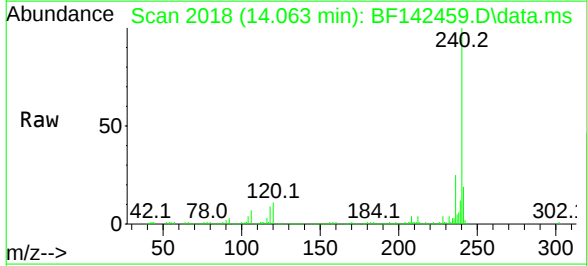




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

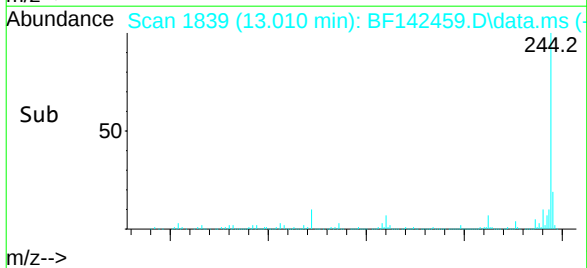
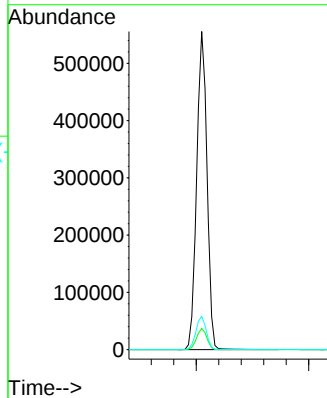
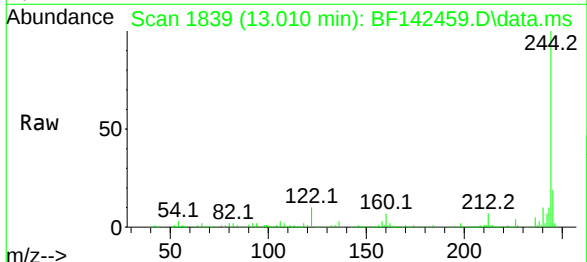
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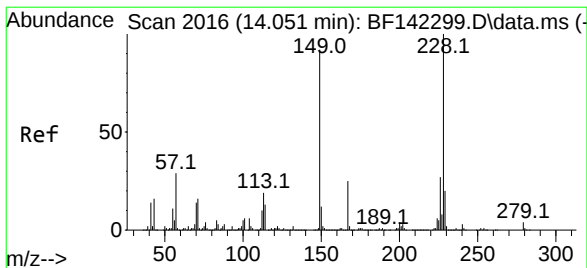
Tgt Ion:240 Resp: 250098
Ion Ratio Lower Upper
240 100
120 10.9 9.7 14.5
236 24.8 20.0 30.0



#79
Terphenyl-d14
Concen: 41.742 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142459.D
Acq: 19 May 2025 18:56

Tgt Ion:244 Resp: 705330
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: 5.024 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

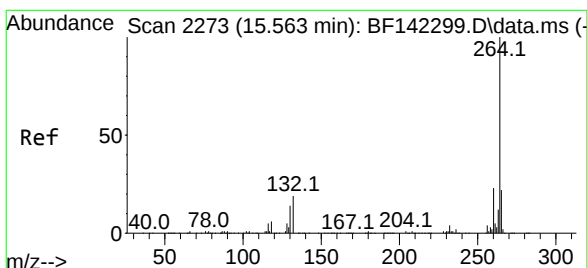
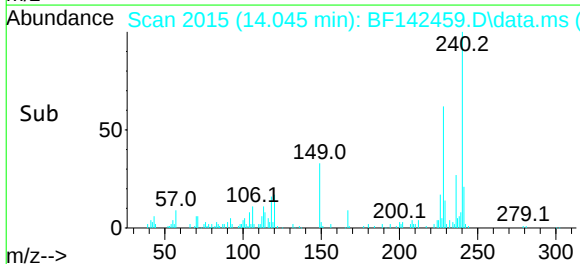
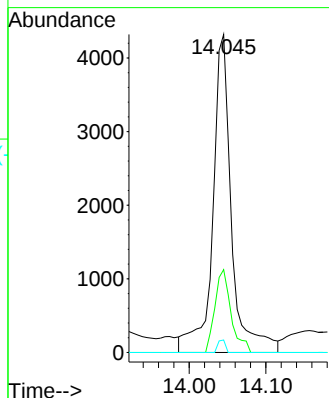
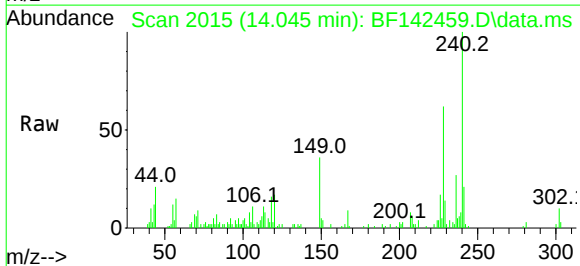
Instrument :

BNA_F

ClientSampleId :

L1-WC-5

Tgt Ion:	149	Resp:	7300
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.0	33.0
279	3.9	3.0	4.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142459.D

Acq: 19 May 2025 18:56

Tgt Ion:	264	Resp:	211607
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	27.8
265	21.3	17.5	26.3

