

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142355.D
 Acq On : 13 May 2025 20:32
 Operator : RC/JU
 Sample : Q2004-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Quant Time: May 14 00:57:37 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)

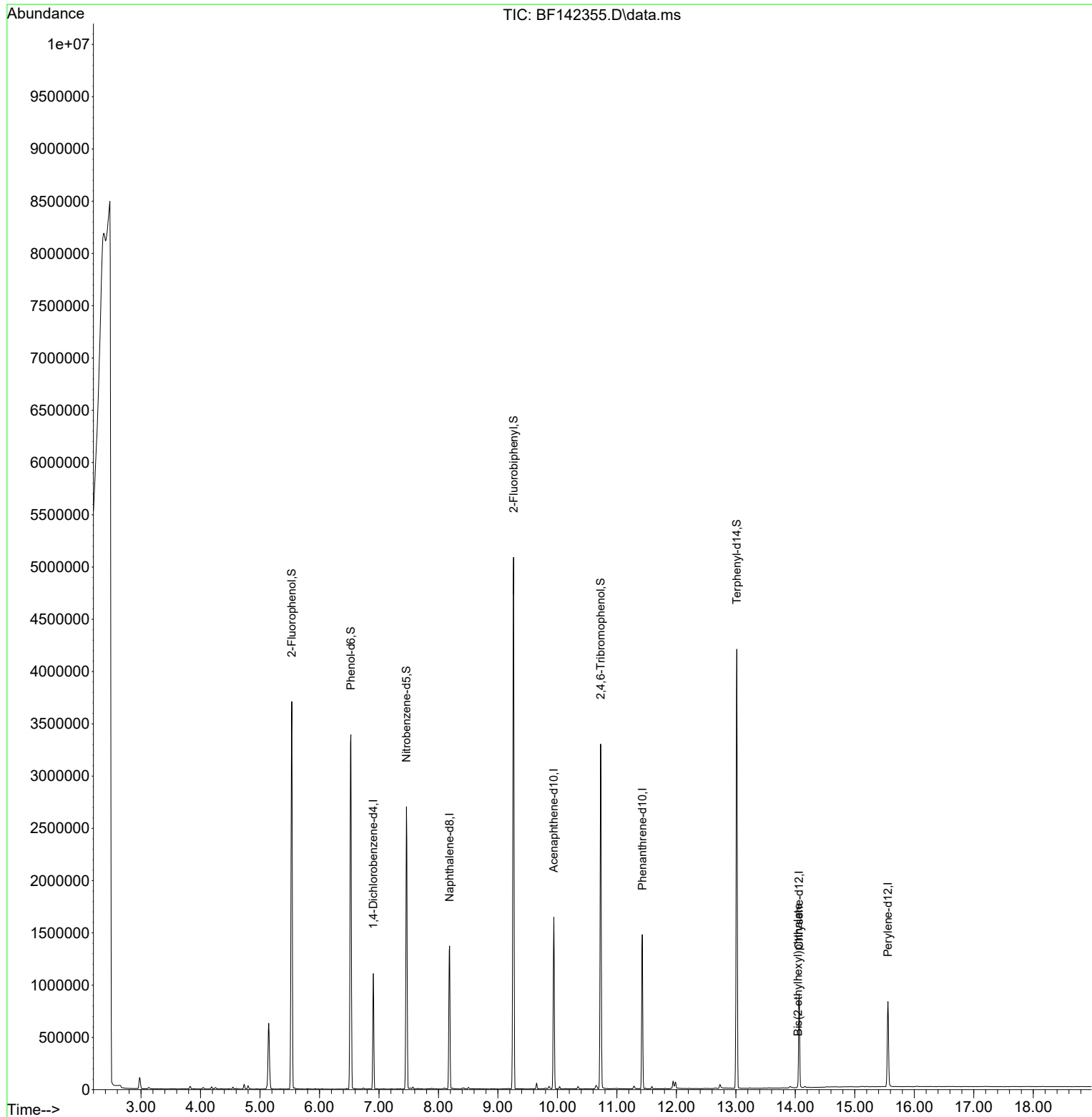
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	232608	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	893598	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	486478	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	752283	20.000	ng	0.00
76) Chrysene-d12	14.062	240	430268	20.000	ng	0.00
86) Perylene-d12	15.556	264	475484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1519379	111.505	ng	0.02
7) Phenol-d6	6.528	99	1756947	104.836	ng	0.00
23) Nitrobenzene-d5	7.463	82	1179408	80.493	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	628816	133.880	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2414447	70.768	ng	0.00
79) Terphenyl-d14	13.015	244	2080782	71.578	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	7858	4.729	ng	Qvalue # 98

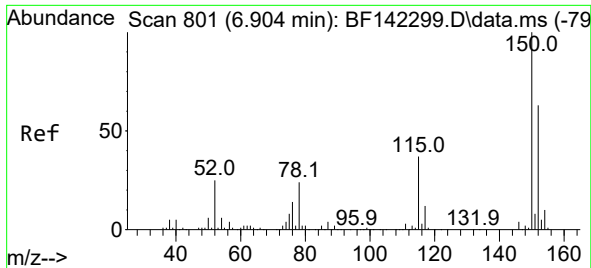
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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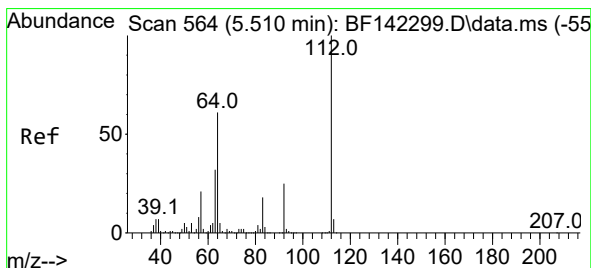
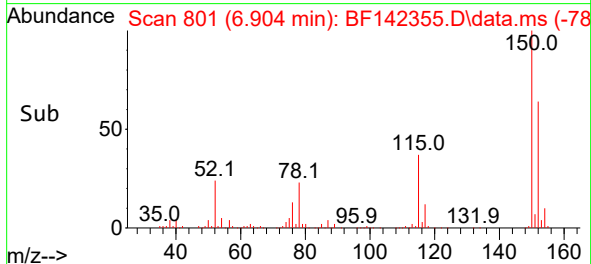
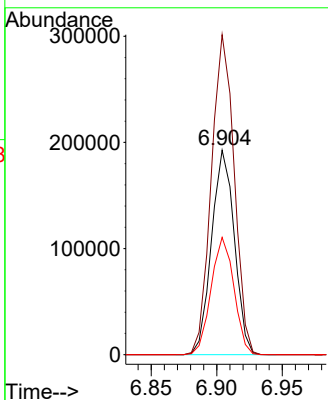
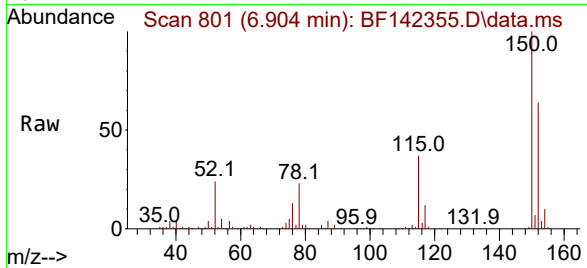




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142355.D
Acq: 13 May 2025 20:32

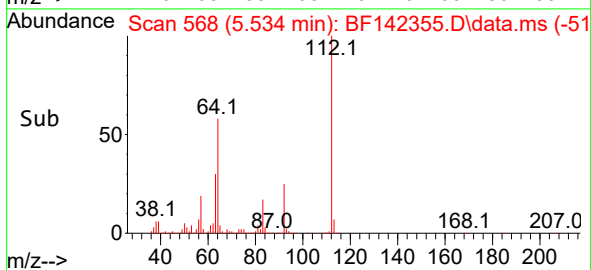
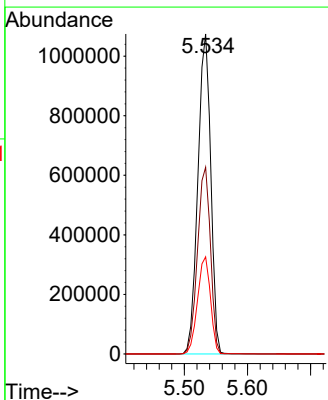
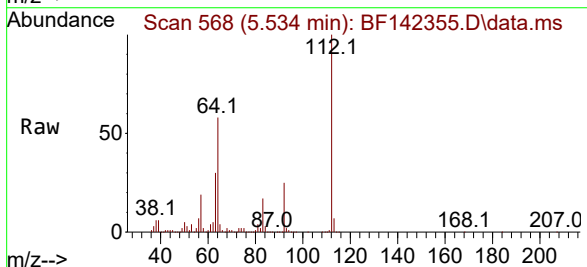
Instrument :
BNA_F
ClientSampleId :
VNJ-220

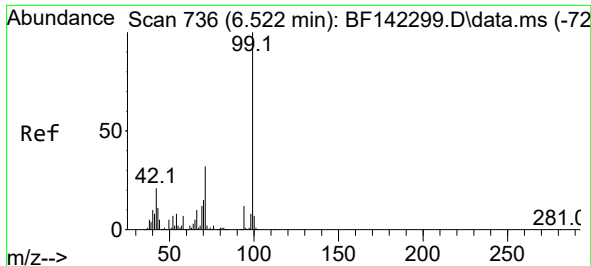
Tgt Ion:152 Resp: 232608
Ion Ratio Lower Upper
152 100
150 156.5 126.6 190.0
115 57.4 47.3 70.9



#5
2-Fluorophenol
Concen: 111.505 ng
RT: 5.534 min Scan# 568
Delta R.T. 0.023 min
Lab File: BF142355.D
Acq: 13 May 2025 20:32

Tgt Ion:112 Resp: 1519379
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.3 25.6 38.4



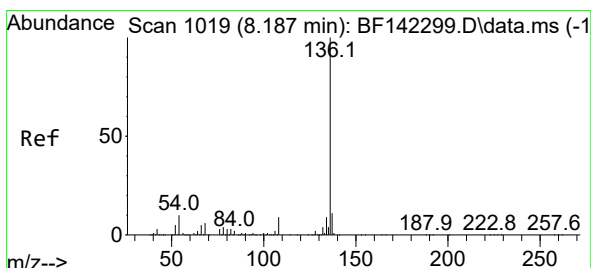
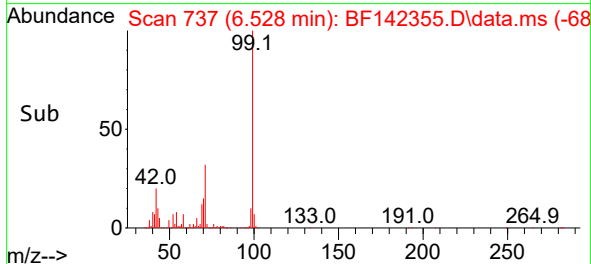
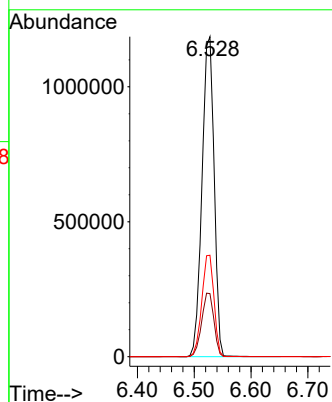
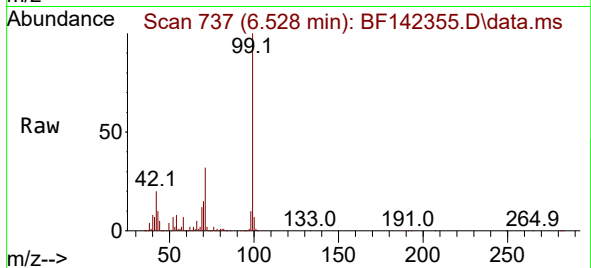


#7
Phenol-d6
Concen: 104.836 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142355.D
Acq: 13 May 2025 20:32

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion: 99 Resp: 1756947

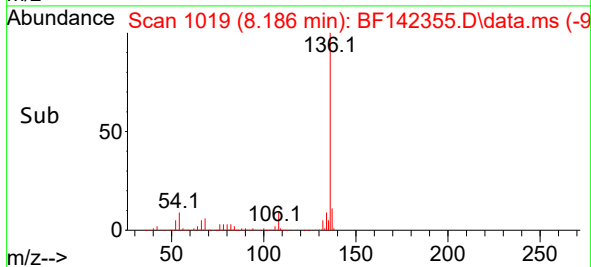
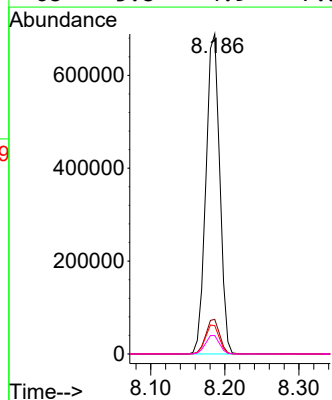
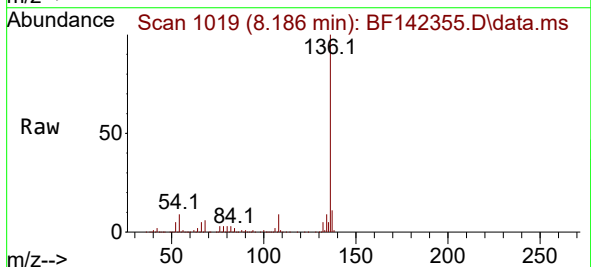
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.0	25.4
71	31.7	25.8	38.8

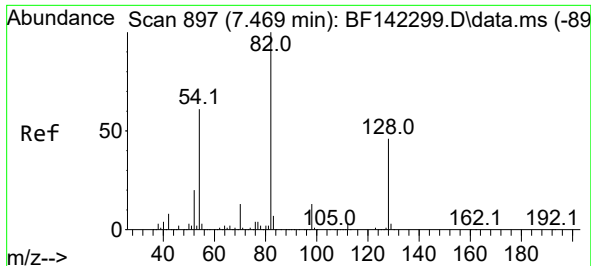


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142355.D
Acq: 13 May 2025 20:32

Tgt Ion: 136 Resp: 893598

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	7.7	11.5
68	5.8	4.9	7.3





#23

Nitrobenzene-d5

Concen: 80.493 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142355.D

Acq: 13 May 2025 20:32

Instrument :

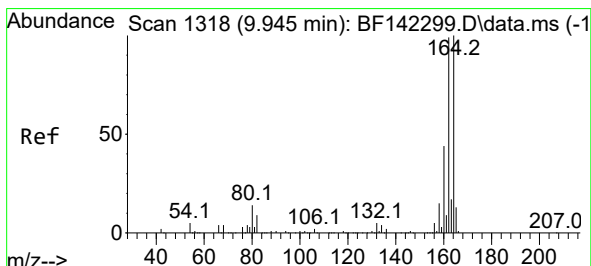
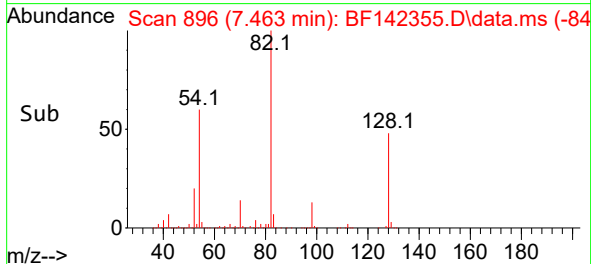
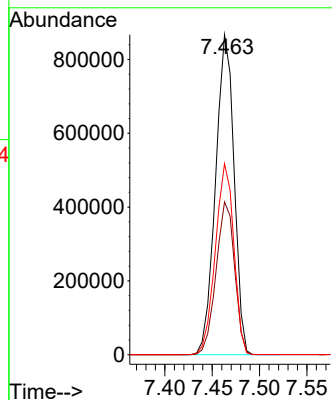
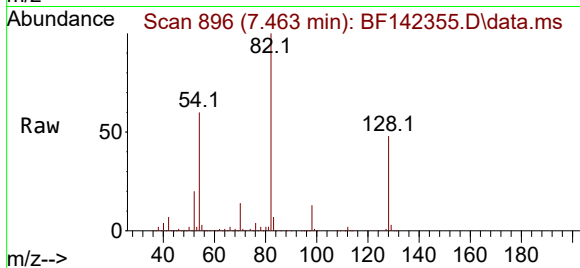
BNA_F

ClientSampleId :

VNJ-220

Tgt Ion: 82 Resp: 1179408

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	59.7	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

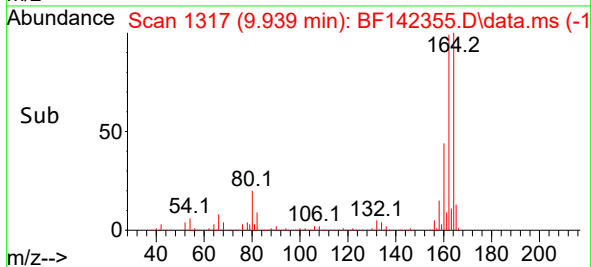
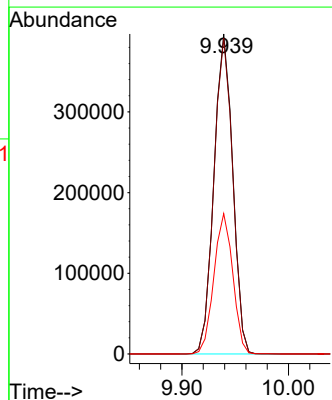
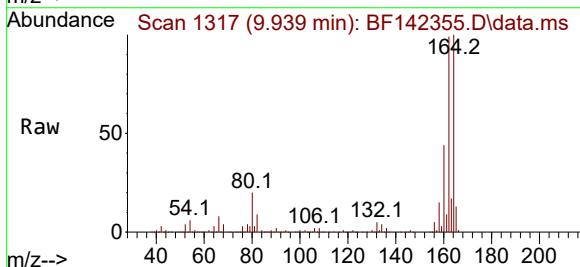
Delta R.T. -0.006 min

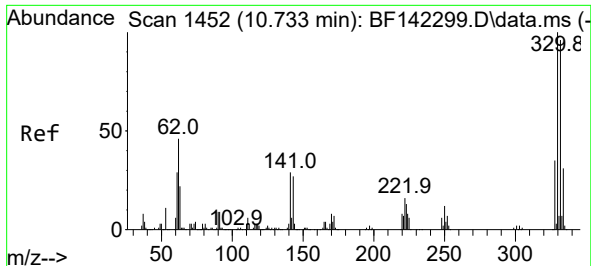
Lab File: BF142355.D

Acq: 13 May 2025 20:32

Tgt Ion:164 Resp: 486478

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.2	118.8
160	43.8	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 133.880 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142355.D

Acq: 13 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-220

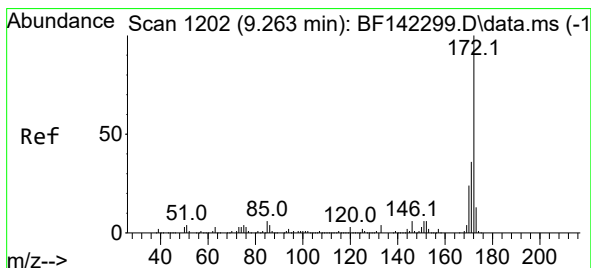
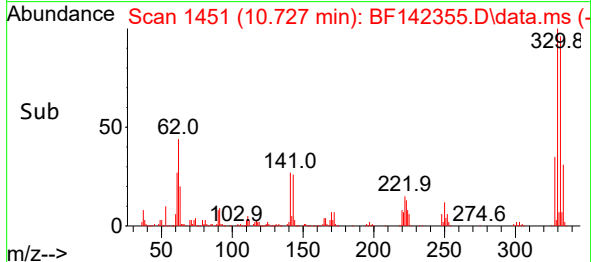
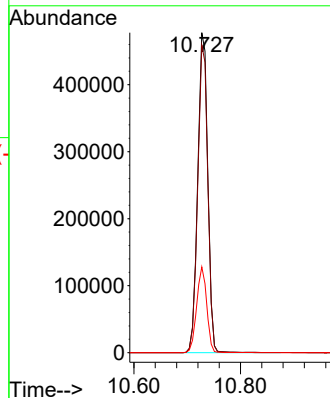
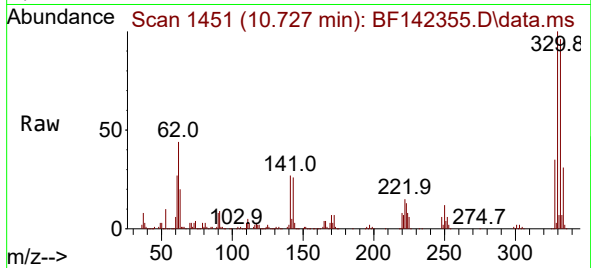
Tgt Ion:330 Resp: 628816

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 26.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 70.768 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142355.D

Acq: 13 May 2025 20:32

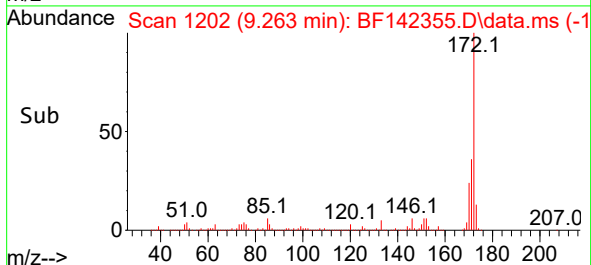
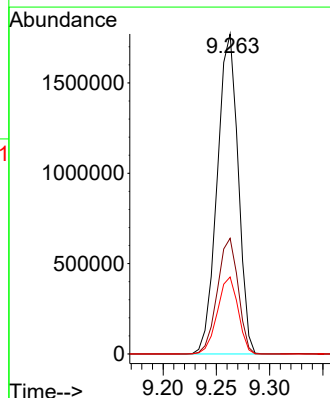
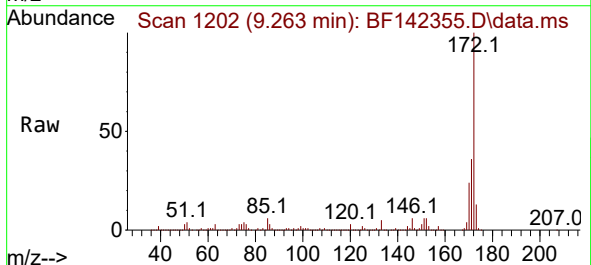
Tgt Ion:172 Resp: 2414447

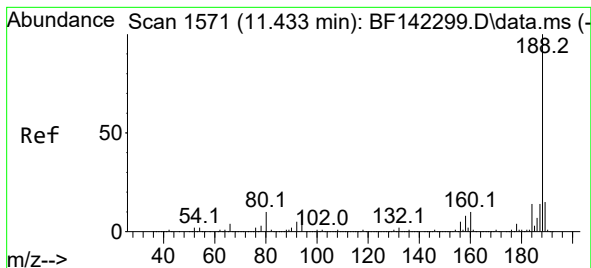
Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142355.D

Acq: 13 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

VNJ-220

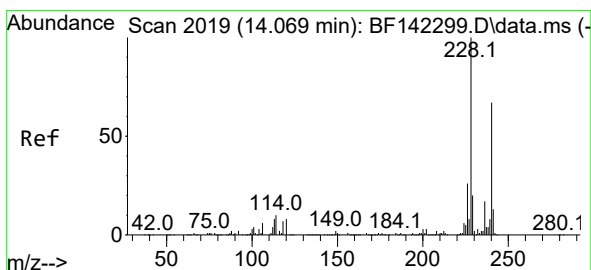
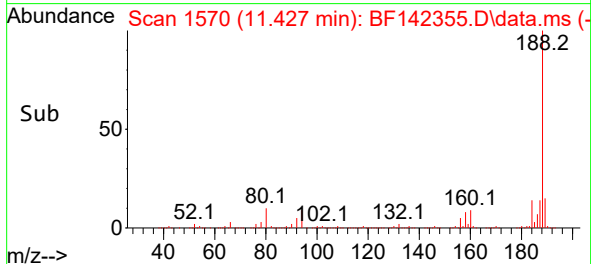
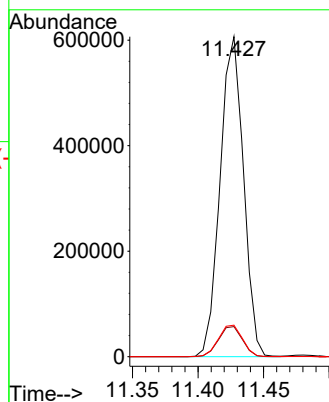
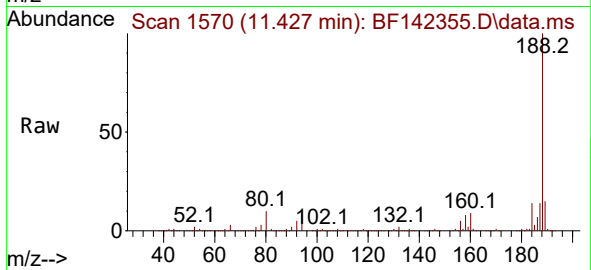
Tgt Ion:188 Resp: 752283

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142355.D

Acq: 13 May 2025 20:32

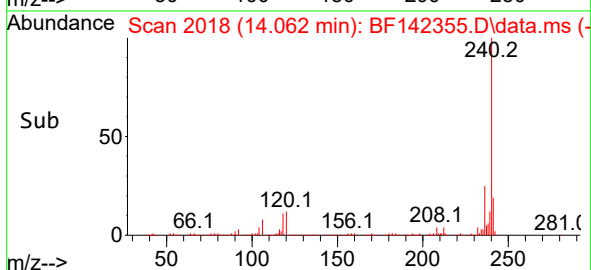
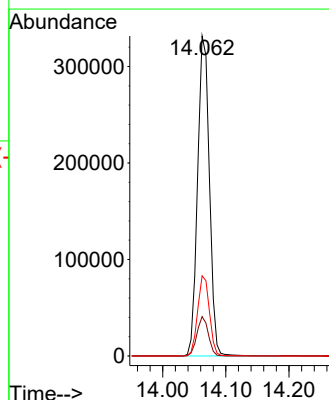
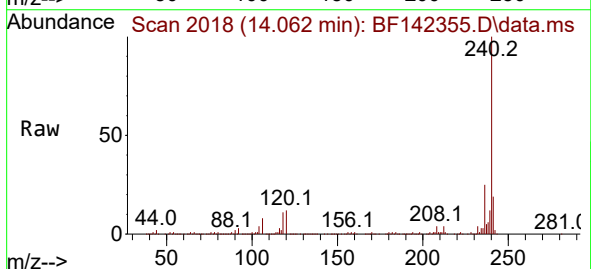
Tgt Ion:240 Resp: 430268

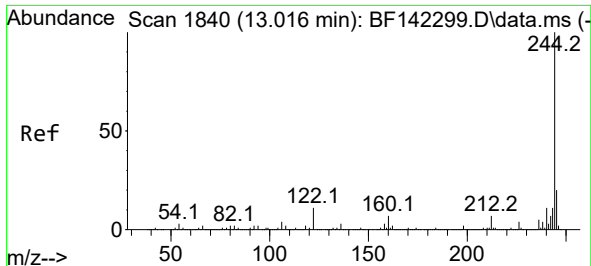
Ion Ratio Lower Upper

240 100

120 12.3 9.7 14.5

236 25.0 20.0 30.0

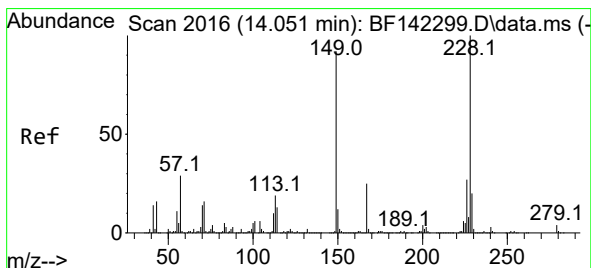
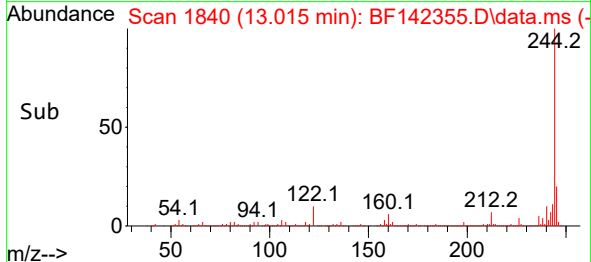
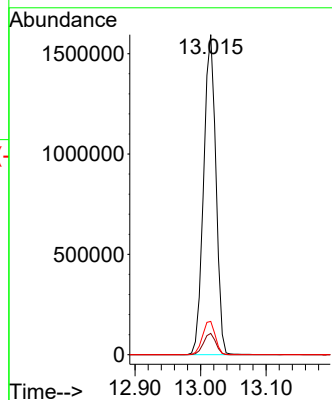
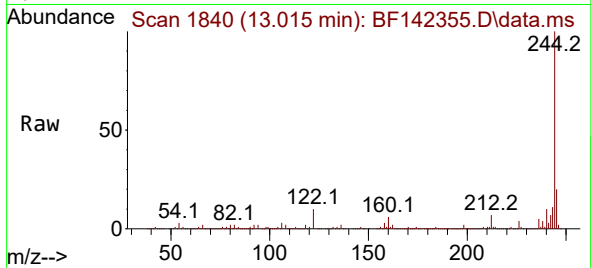




#79
 Terphenyl-d14
 Concen: 71.578 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142355.D
 Acq: 13 May 2025 20:32

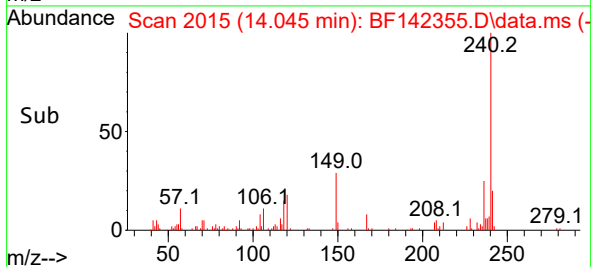
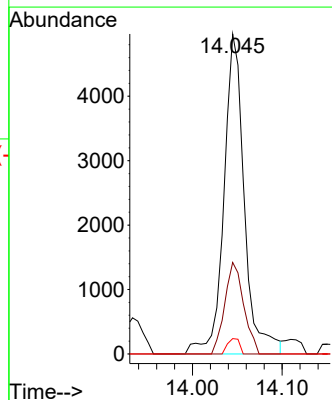
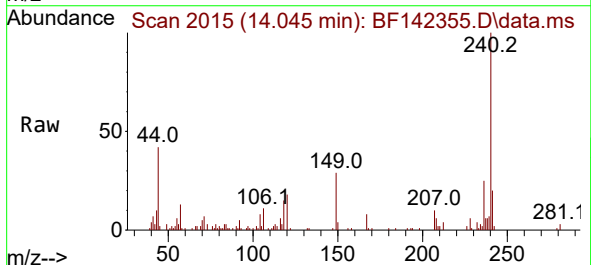
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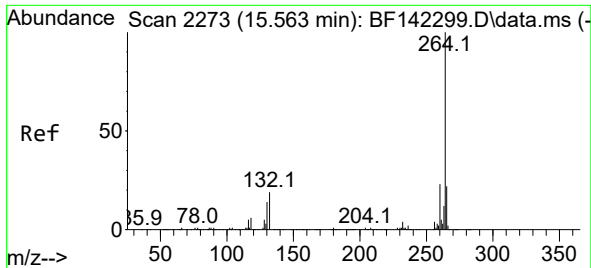
Tgt Ion:244 Resp: 2080782
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.729 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142355.D
 Acq: 13 May 2025 20:32

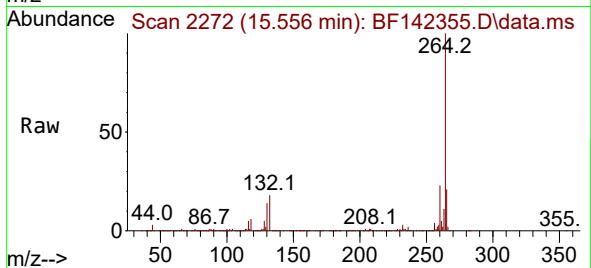
Tgt Ion:149 Resp: 7858
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.0 33.0
 279 4.8 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142355.D
 Acq: 13 May 2025 20:32

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220



Tgt Ion:264 Resp: 475484
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.5 17.5 26.3

