

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036545.D
 Acq On : 07 Mar 2025 13:48
 Operator : RC/JU
 Sample : PB167026BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167026BL

Quant Time: Mar 07 14:29:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	2367	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	5026	0.400	ng	0.02
13) Acenaphthene-d10	14.377	164	2916	0.400	ng	0.01
19) Phenanthrene-d10	17.124	188	5638	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	4494	0.400	ng	# 0.00
35) Perylene-d12	23.563	264	4150	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.320	112	2250	0.402	ng	0.00
5) Phenol-d6	6.908	99	2206	0.336	ng	0.00
8) Nitrobenzene-d5	8.886	82	1937	0.391	ng	0.01
11) 2-Methylnaphthalene-d10	12.131	152	2570	0.333	ng	0.03
14) 2,4,6-Tribromophenol	15.883	330	303	0.210	ng	0.02
15) 2-Fluorobiphenyl	13.009	172	4001	0.365	ng	0.02
27) Fluoranthene-d10	19.150	212	6316	0.403	ng	0.00
31) Terphenyl-d14	19.754	244	4265	0.445	ng	0.00

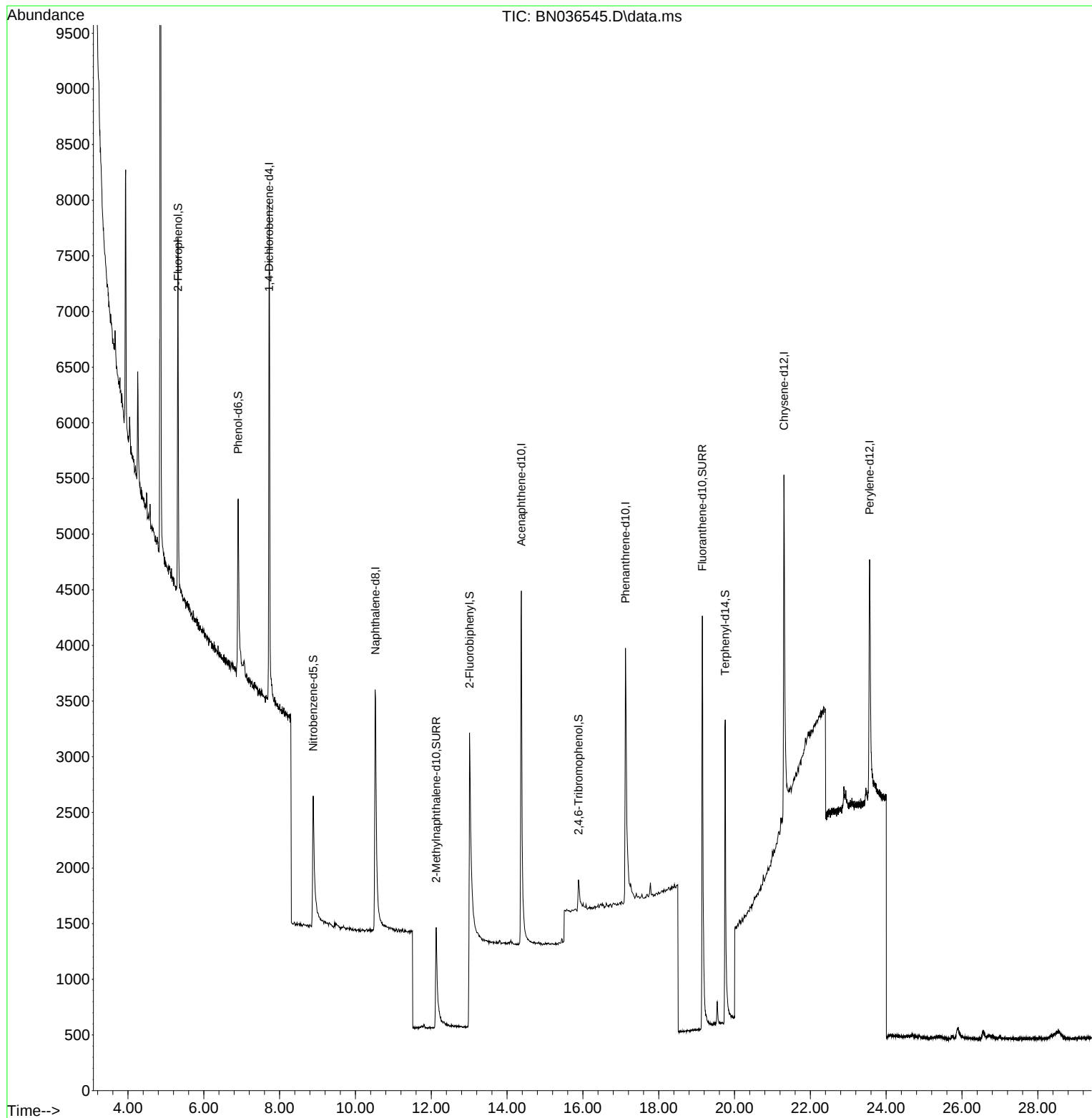
Target Compounds Qvalue

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

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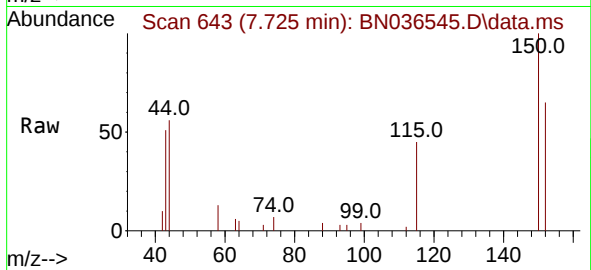
Quant Time: Mar 07 14:29:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
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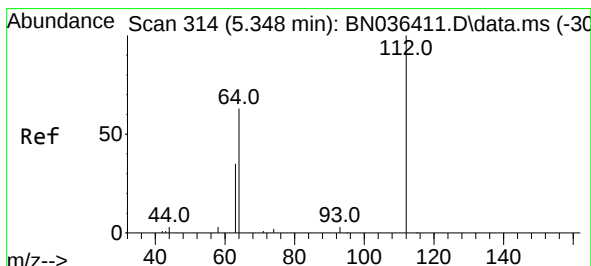
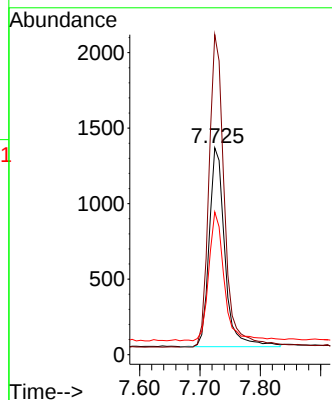
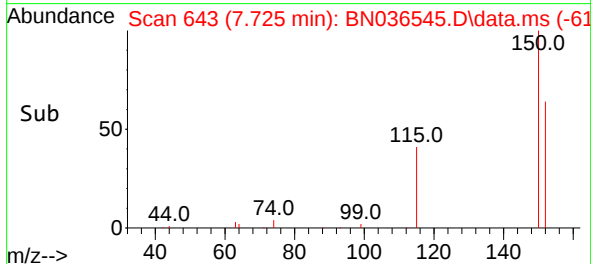


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.725 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

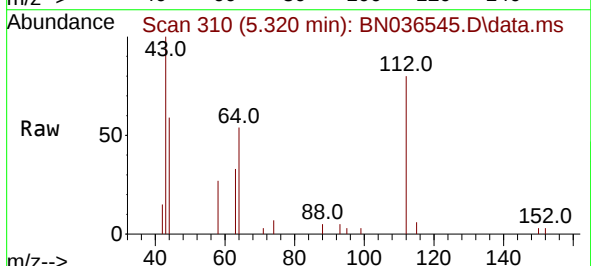
Instrument :
BNA_N
ClientSampleId :
PB167026BL



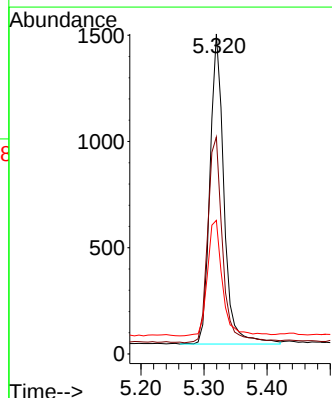
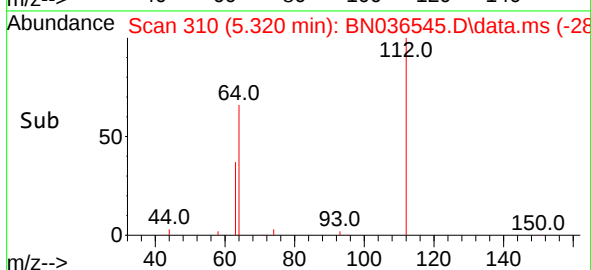
Tgt Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 69.0 52.5 78.7

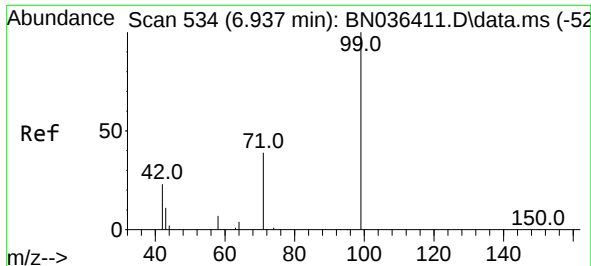


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.320 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48



Tgt Ion:112 Resp: 2250
Ion Ratio Lower Upper
112 100
64 70.6 53.4 80.0
63 40.0 30.3 45.5

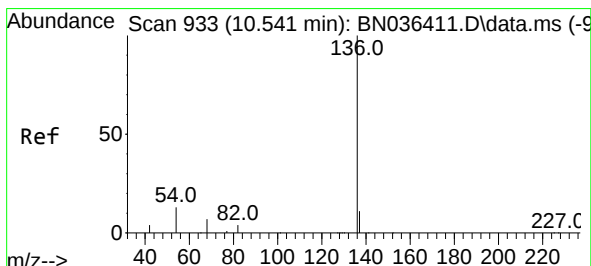
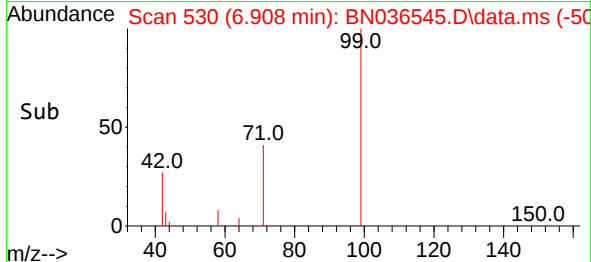
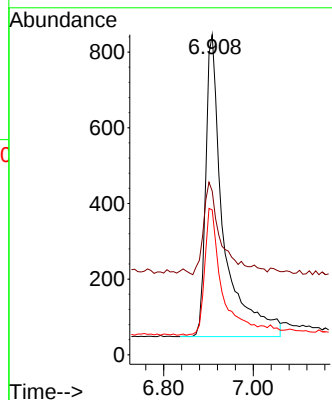
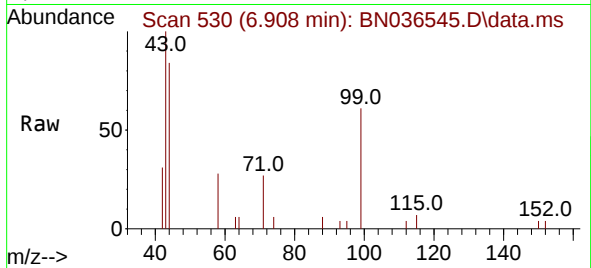




#5
Phenol-d6
Concen: 0.336 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

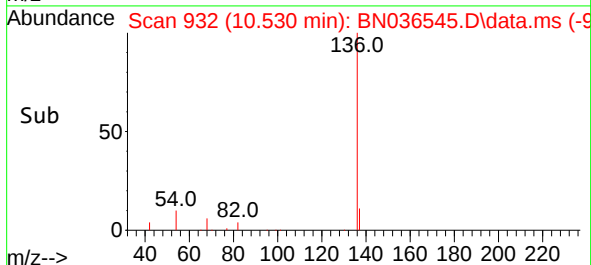
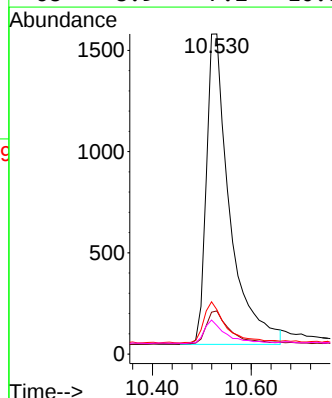
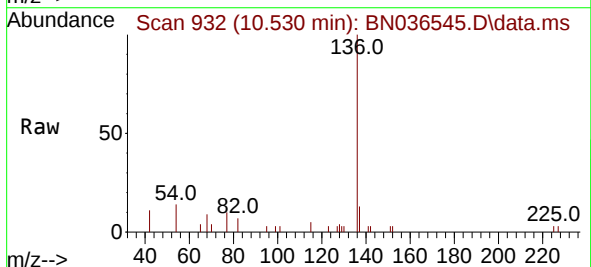
Instrument :
BNA_N
ClientSampleId :
PB167026BL

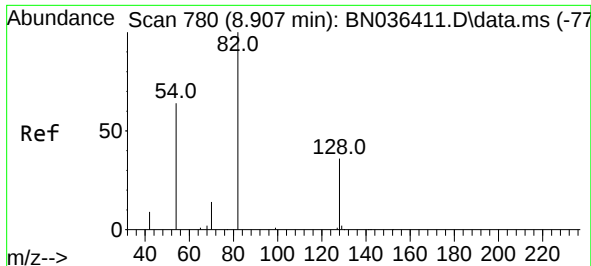
Tgt Ion: 99 Resp: 2206
Ion Ratio Lower Upper
99 100
42 30.9 21.7 32.5
71 43.3 32.6 49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.021 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

Tgt Ion: 136 Resp: 5026
Ion Ratio Lower Upper
136 100
137 13.5 10.1 15.1
54 13.9 11.8 17.6
68 8.9 7.2 10.8

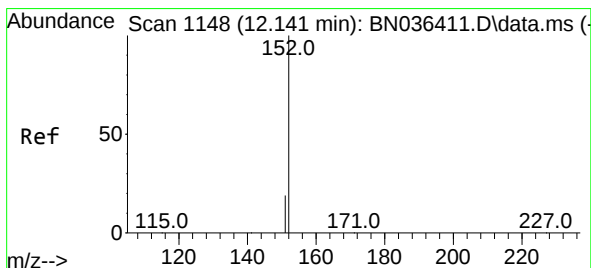
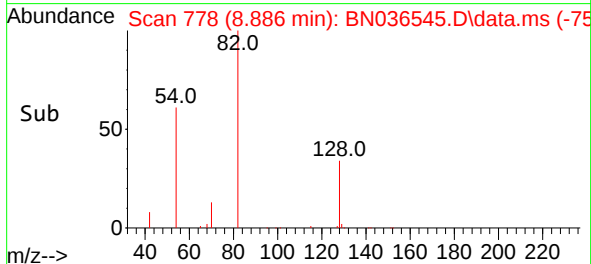
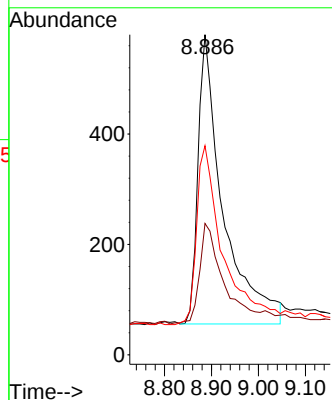
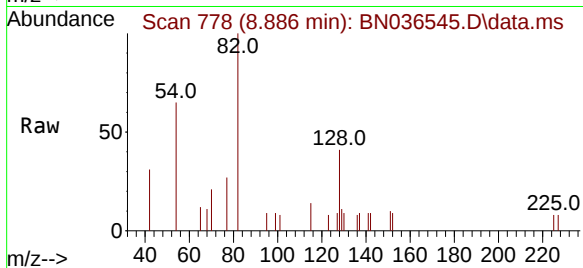




#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

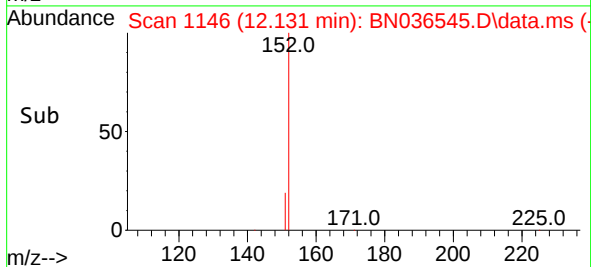
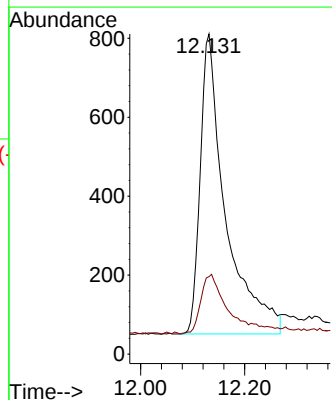
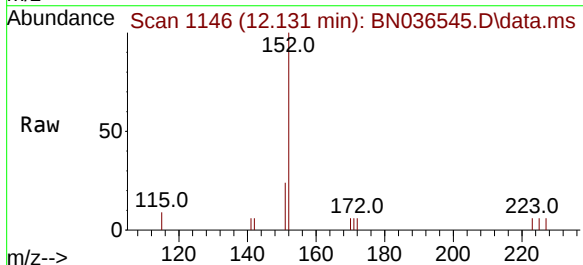
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BNA_N
ClientSampleId :
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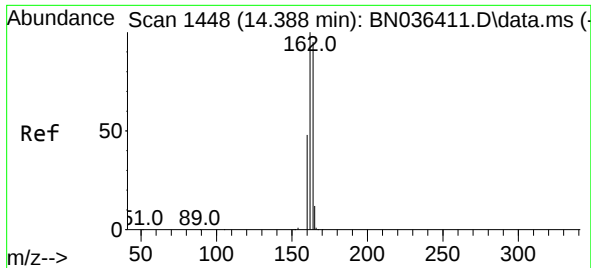
Tgt Ion: 82 Resp: 1937
Ion Ratio Lower Upper
82 100
128 41.0 31.9 47.9
54 65.3 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.131 min Scan# 1146
Delta R.T. 0.025 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

Tgt Ion: 152 Resp: 2570
Ion Ratio Lower Upper
152 100
151 22.1 16.6 25.0

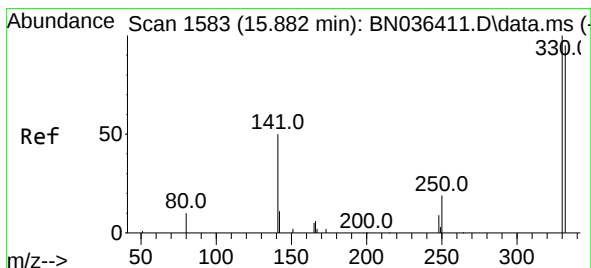
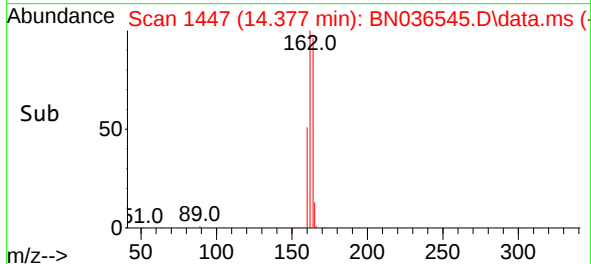
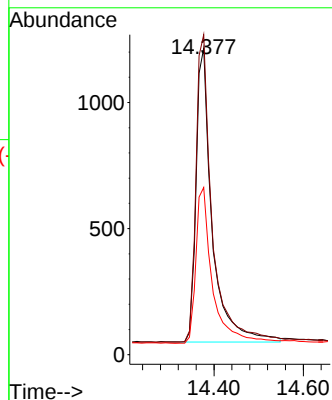
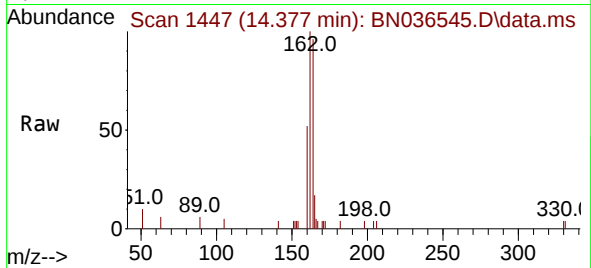




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

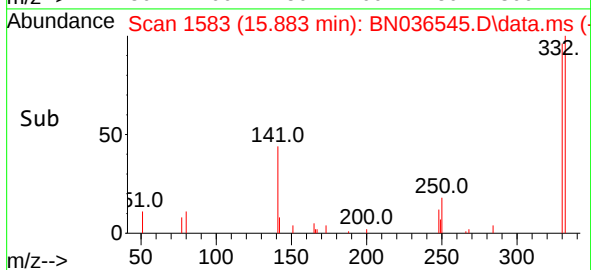
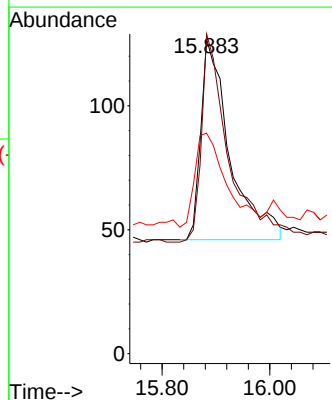
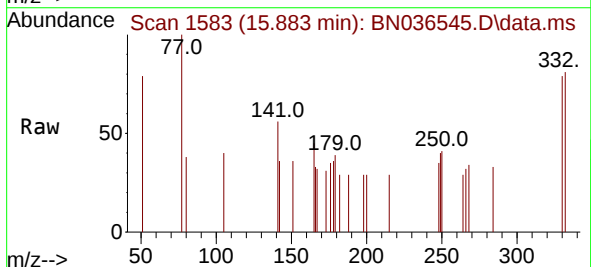
Instrument :
BNA_N
ClientSampleId :
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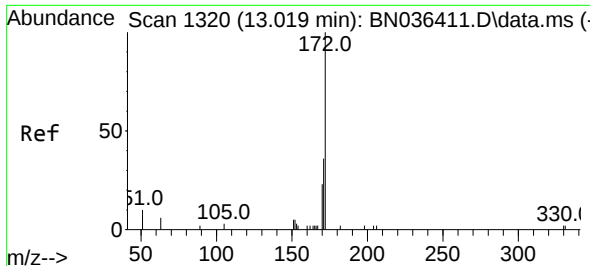
Tgt Ion:164 Resp: 2916
Ion Ratio Lower Upper
164 100
162 104.4 84.1 126.1
160 54.5 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.210 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.025 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

Tgt Ion:330 Resp: 303
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 51.2 37.8 56.8

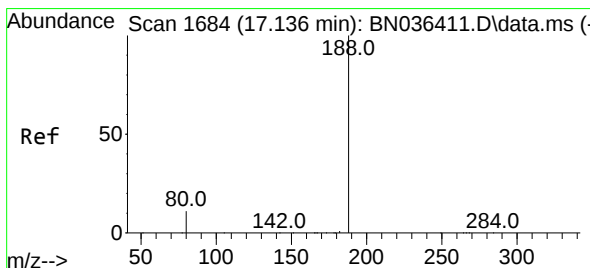
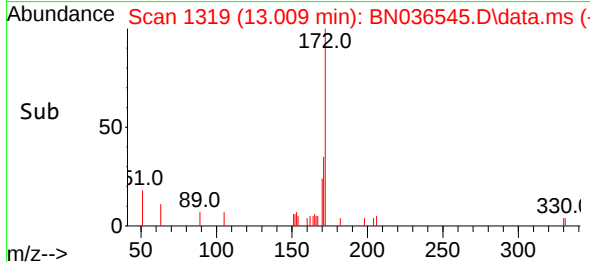
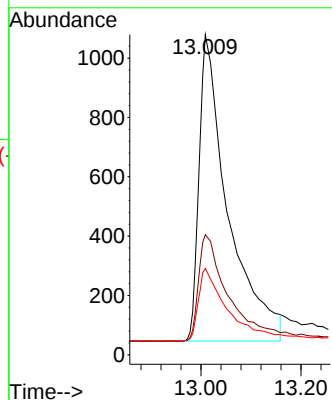
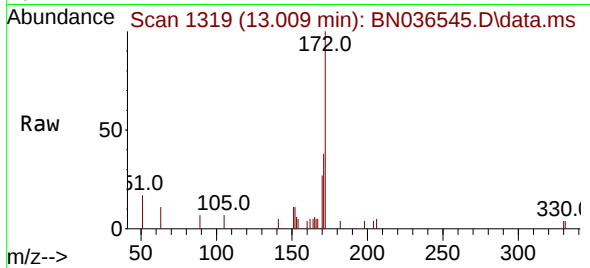




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.009 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

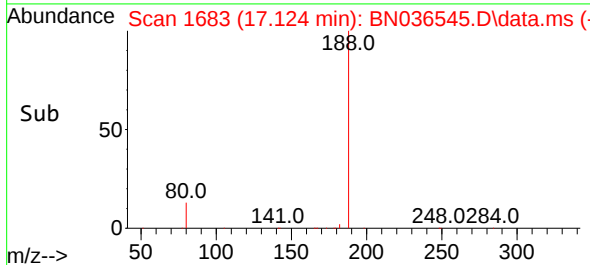
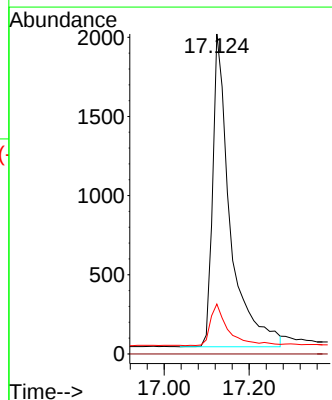
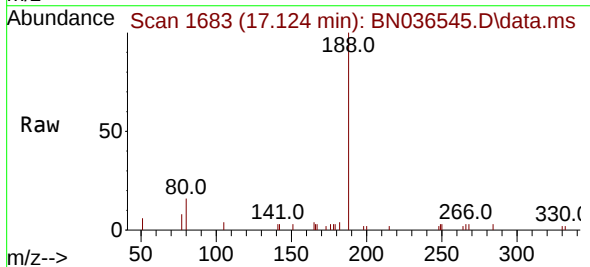
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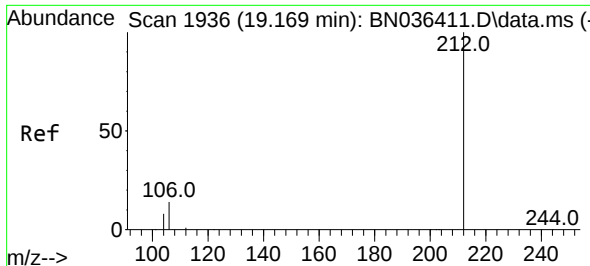
Tgt Ion:172	Resp:	4001
Ion	Ratio	Lower Upper
172	100	
171	37.5	29.6 44.4
170	27.0	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.013 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

Tgt Ion:188	Resp:	5638
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	15.6	9.8 14.6

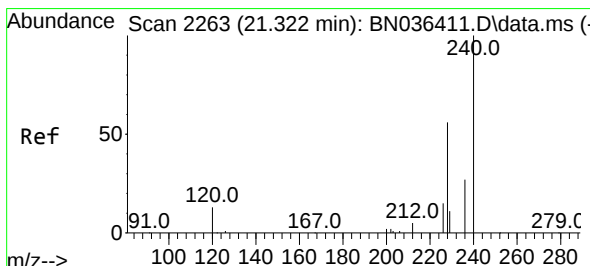
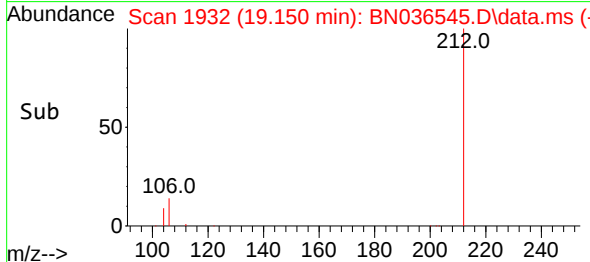
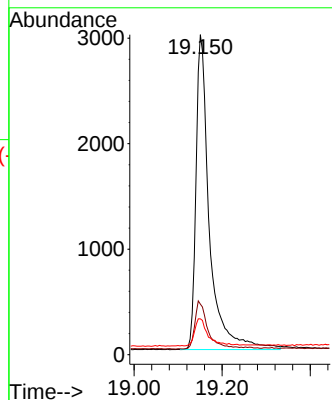
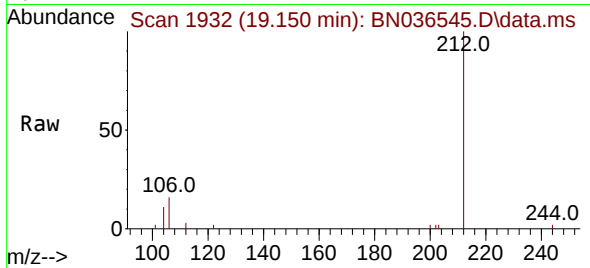




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

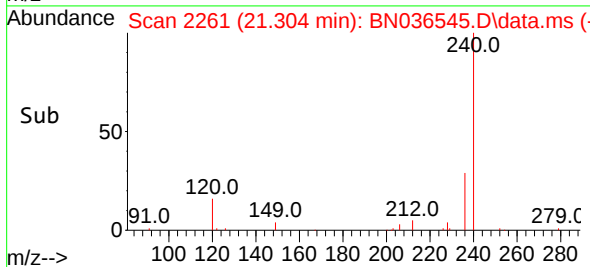
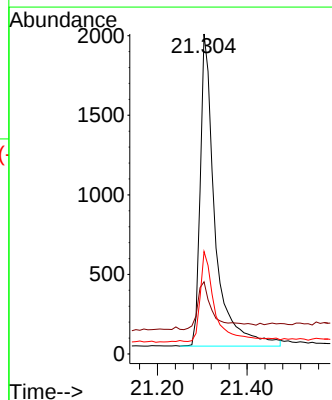
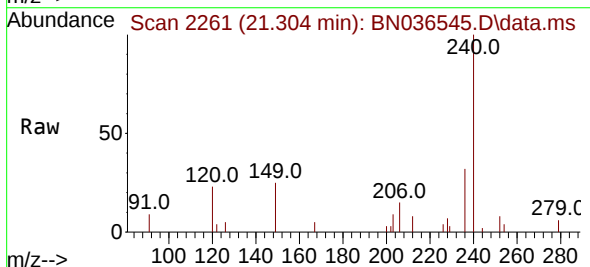
Instrument :
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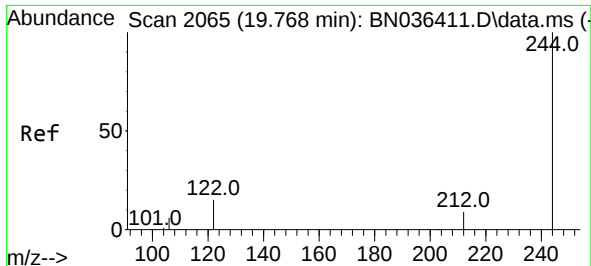
Tgt Ion:212 Resp: 6316
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.6 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

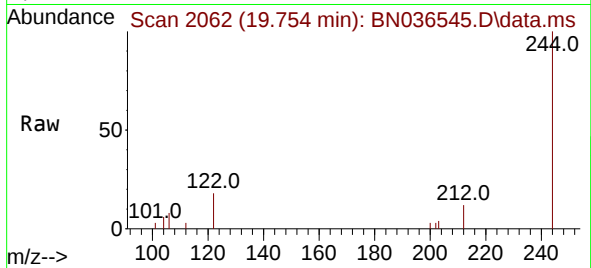
Tgt Ion:240 Resp: 4494
Ion Ratio Lower Upper
240 100
120 22.6 13.3 19.9#
236 32.0 23.0 34.6



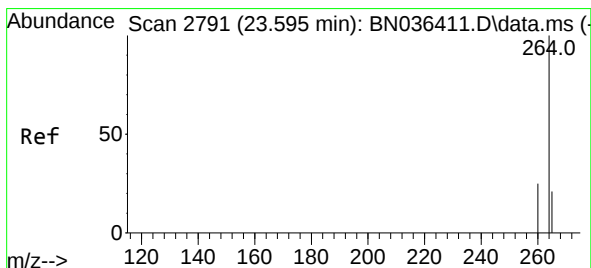
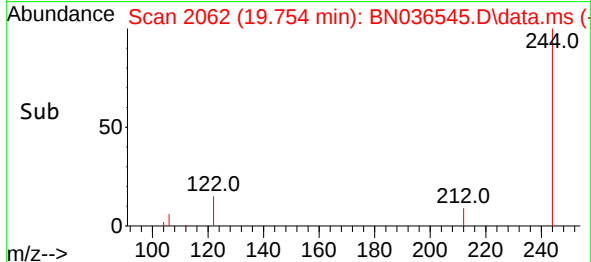
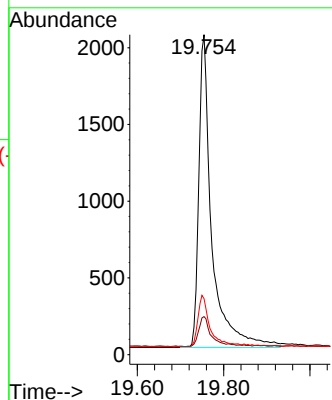


#31
Terphenyl-d14
Concen: 0.445 ng
RT: 19.754 min Scan# 2062
Delta R.T. 0.009 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

Instrument :
BNA_N
ClientSampleId :
PB167026BL



Tgt Ion:244 Resp: 4265
Ion Ratio Lower Upper
244 100
212 11.9 8.1 12.1
122 17.5 12.8 19.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.563 min Scan# 2780
Delta R.T. 0.012 min
Lab File: BN036545.D
Acq: 07 Mar 2025 13:48

Tgt Ion:264 Resp: 4150
Ion Ratio Lower Upper
264 100
260 27.9 20.9 31.3
265 119.8 60.7 91.1#

