

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036628.D
 Acq On : 15 Mar 2025 04:16
 Operator : RC/JU
 Sample : Q1559-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20250310

Quant Time: Mar 15 05:18:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

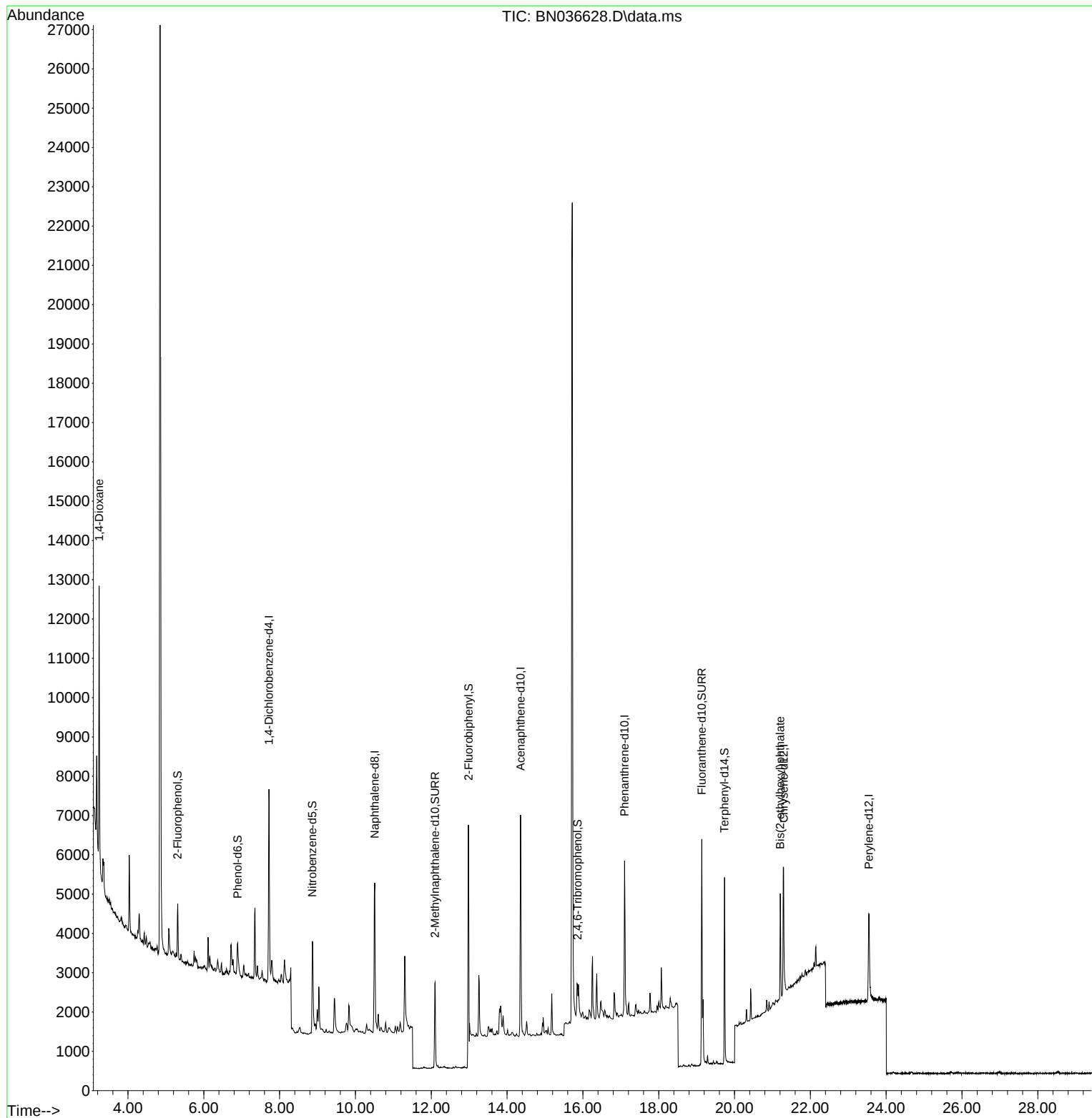
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2327	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5487	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	3011	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5574	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3950	0.400	ng	0.00
35) Perylene-d12	23.543	264	3552	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	948	0.175	ng	0.00
5) Phenol-d6	6.894	99	630	0.094	ng	0.00
8) Nitrobenzene-d5	8.864	82	2279	0.382	ng	-0.01
11) 2-Methylnaphthalene-d10	12.101	152	3305	0.405	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	560	0.410	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7988	0.456	ng	0.00
27) Fluoranthene-d10	19.136	212	6742	0.472	ng	0.00
31) Terphenyl-d14	19.736	244	4767	0.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	3410	1.321	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.205	149	2845	0.291	ng	# 95

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

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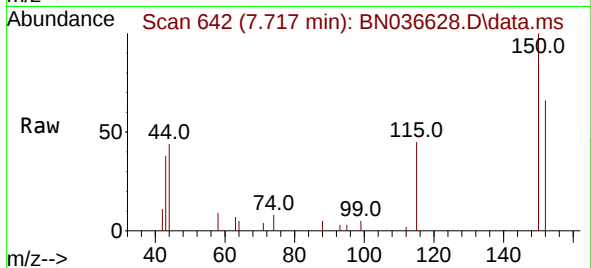
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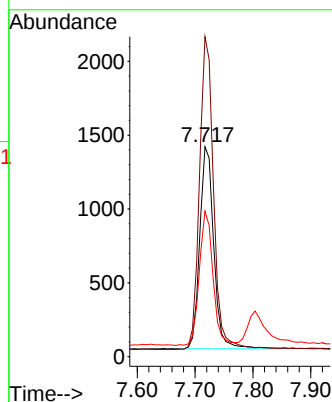
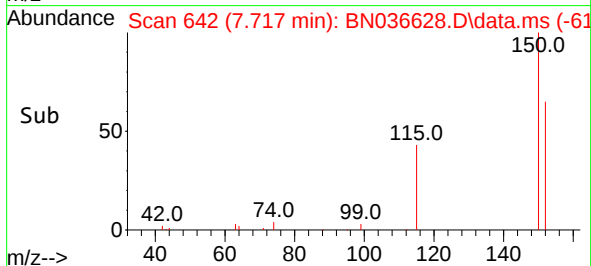


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036628.D
 Acq: 15 Mar 2025 04:16

Instrument :
 BNA_N
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 RE134D1-20250310

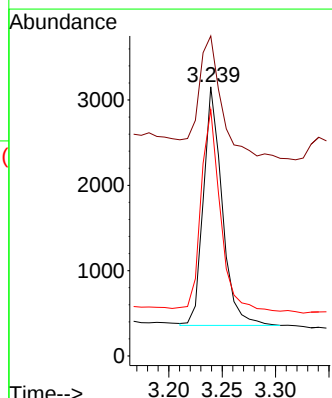
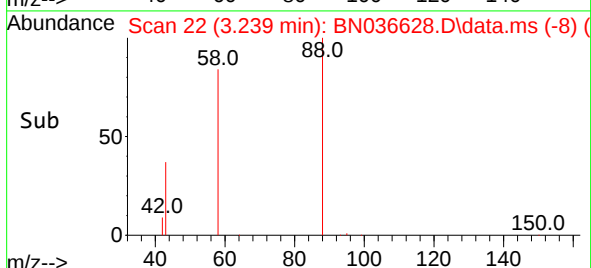
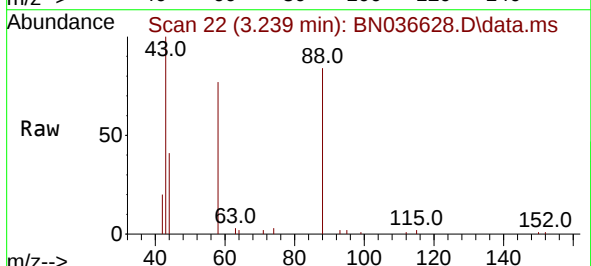


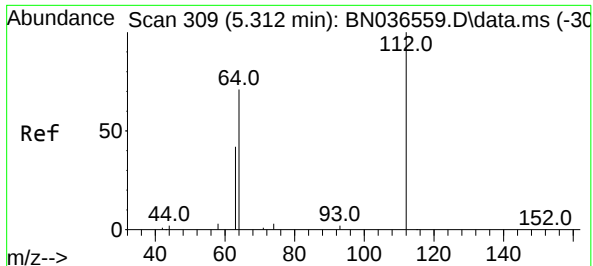
Tgt Ion:152 Resp: 2327
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.7 185.5
 115 69.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.321 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036628.D
 Acq: 15 Mar 2025 04:16

Tgt Ion: 88 Resp: 3410
 Ion Ratio Lower Upper
 88 100
 43 63.6 37.8 56.8#
 58 87.4 67.4 101.2

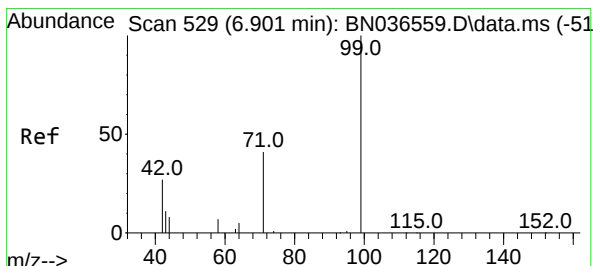
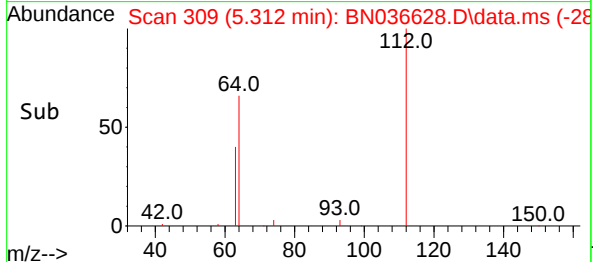
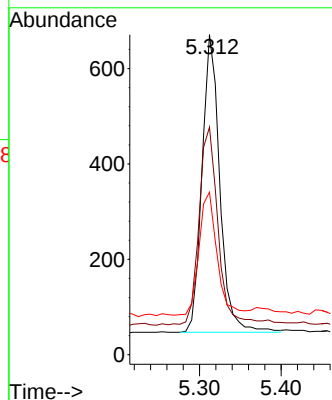
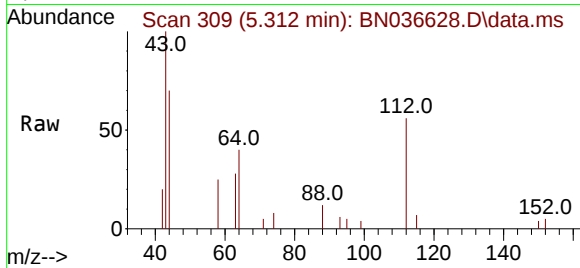




#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

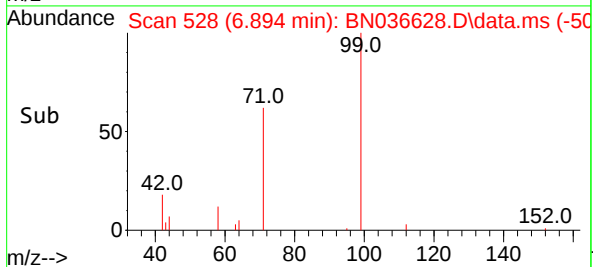
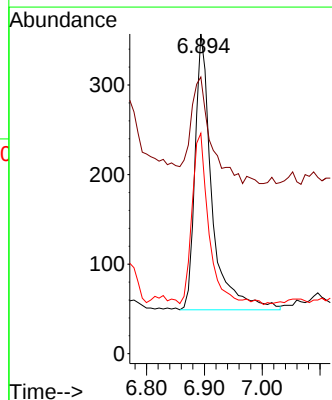
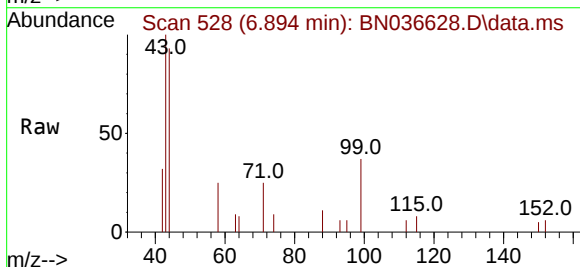
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250310

Tgt Ion:112 Resp: 948
Ion Ratio Lower Upper
112 100
64 72.4 53.1 79.7
63 41.6 31.8 47.8



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

Tgt Ion: 99 Resp: 630
Ion Ratio Lower Upper
99 100
42 45.4 26.5 39.7#
71 60.6 34.1 51.1#

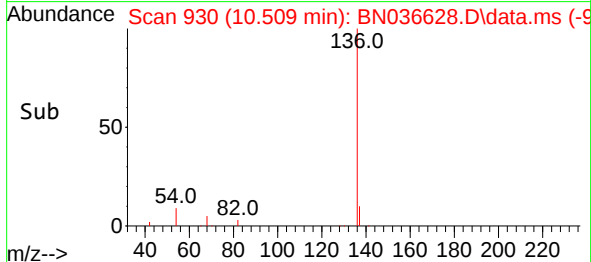
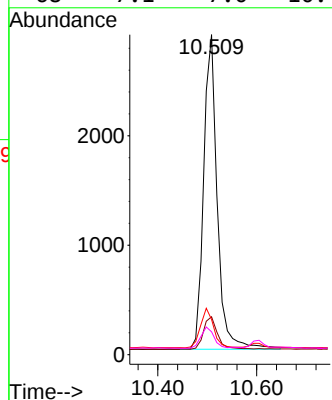
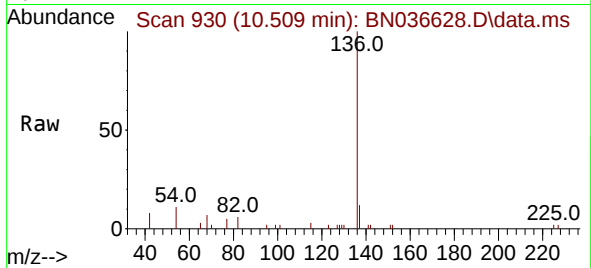




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

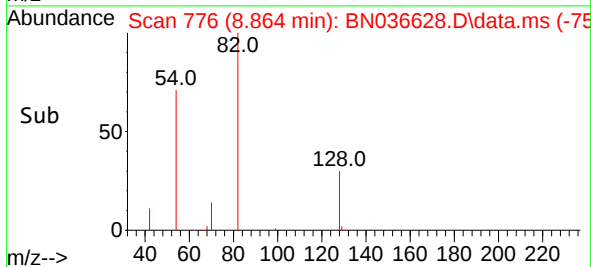
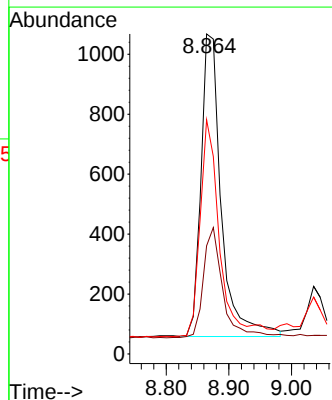
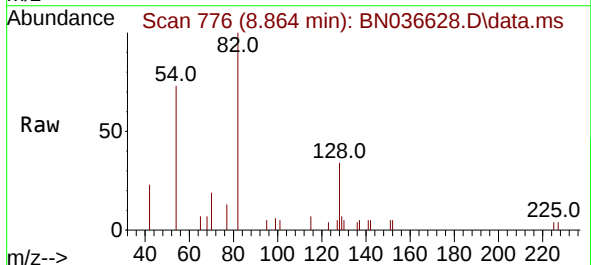
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250310

Tgt Ion:	136	Resp:	5487
Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.3	15.5
54	11.0	11.5	17.3
68	7.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

Tgt Ion:	82	Resp:	2279
Ion	Ratio	Lower	Upper
82	100		
128	33.8	30.6	45.8
54	73.2	52.2	78.4

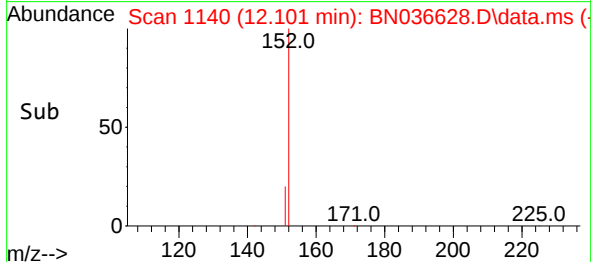
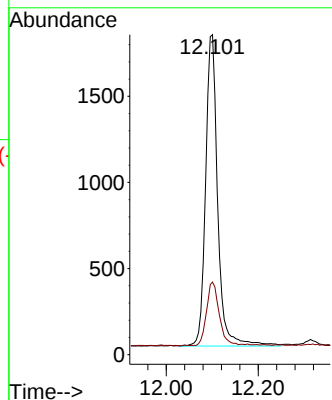
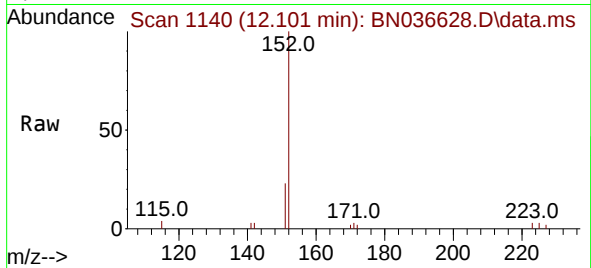




#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

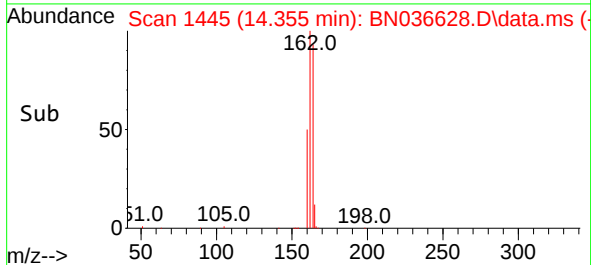
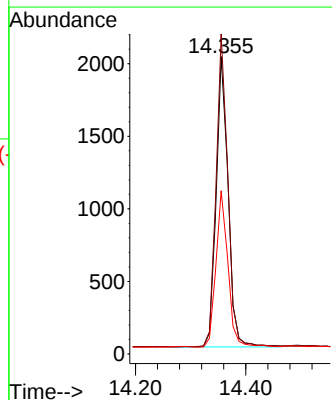
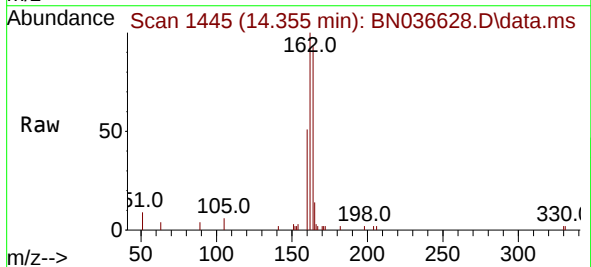
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250310

Tgt Ion:152 Resp: 3305
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

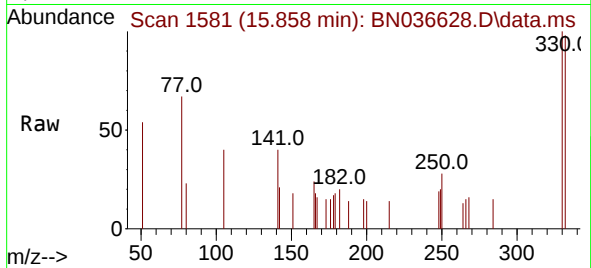
Tgt Ion:164 Resp: 3011
Ion Ratio Lower Upper
164 100
162 107.6 84.2 126.2
160 54.9 42.2 63.2



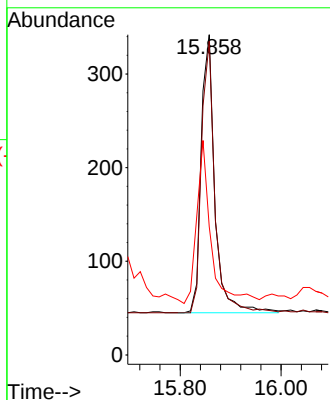
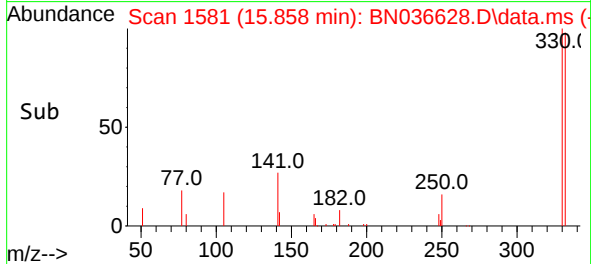


#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

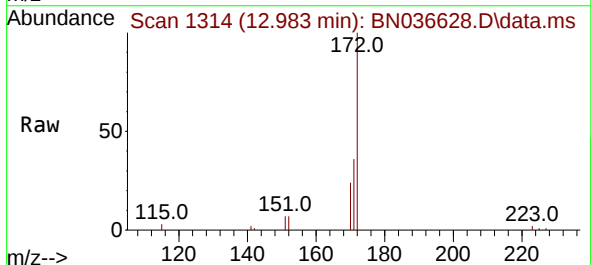
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250310



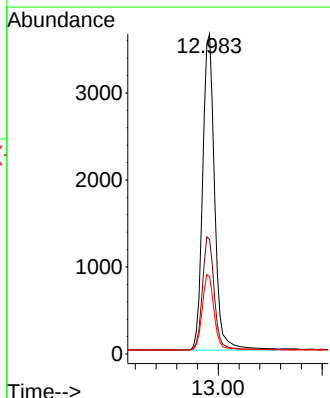
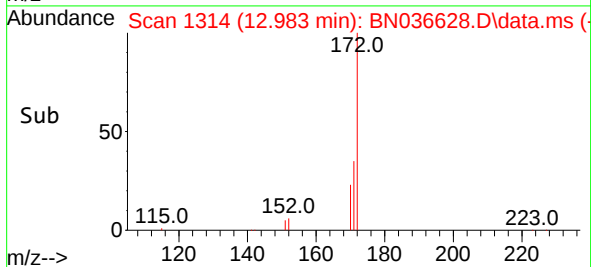
Tgt Ion:330 Resp: 560
Ion Ratio Lower Upper
330 100
332 95.5 75.2 112.8
141 60.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16



Tgt Ion:172 Resp: 7988
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 24.2 20.2 30.4

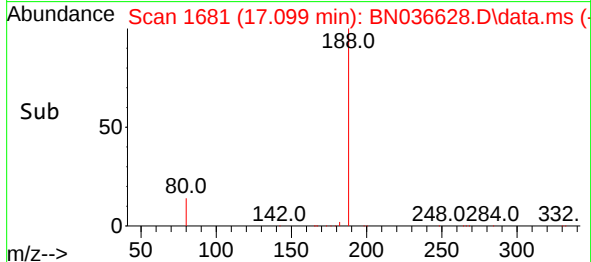
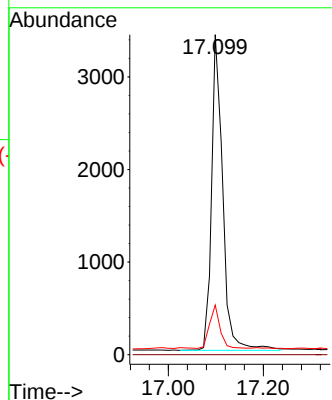
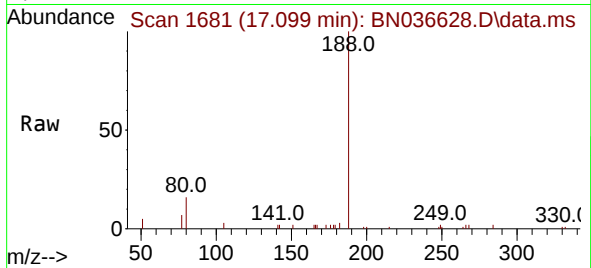




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

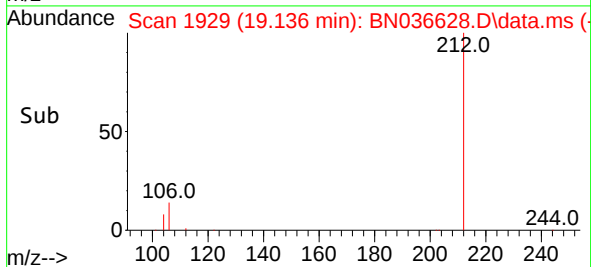
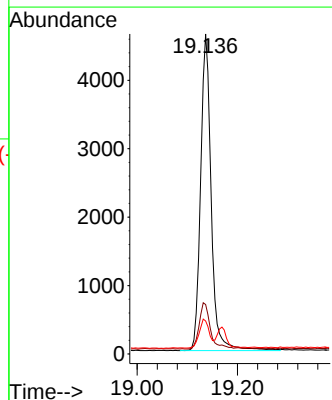
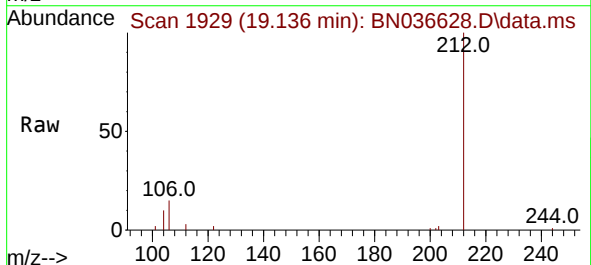
Instrument :
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ClientSampleId :
RE134D1-20250310

Tgt Ion:188 Resp: 5574
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

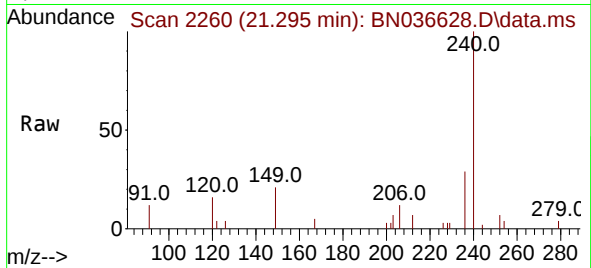
Tgt Ion:212 Resp: 6742
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 8.5 7.3 10.9



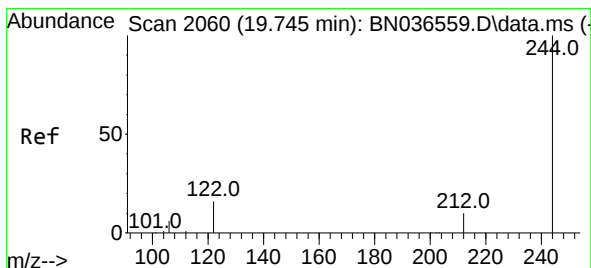
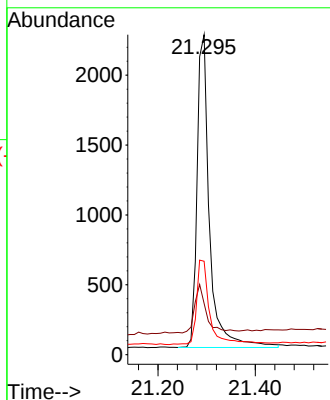
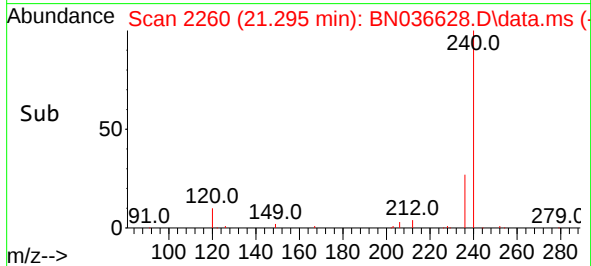


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16

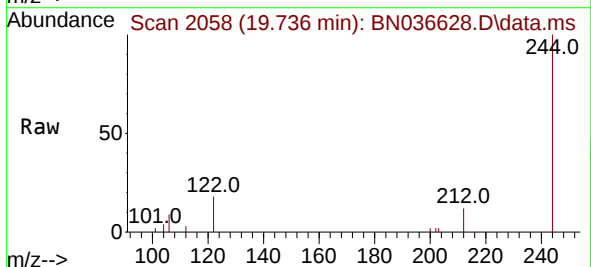
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ClientSampleId :
RE134D1-20250310



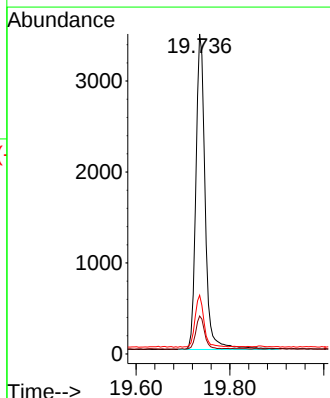
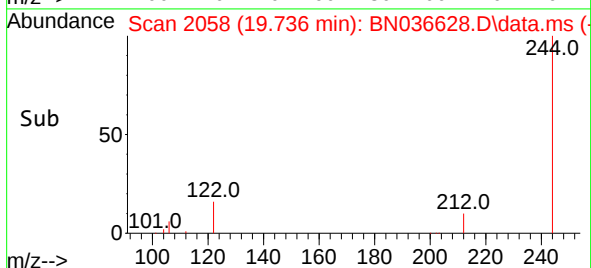
Tgt Ion:240 Resp: 3950
Ion Ratio Lower Upper
240 100
120 16.0 14.6 22.0
236 29.2 24.1 36.1

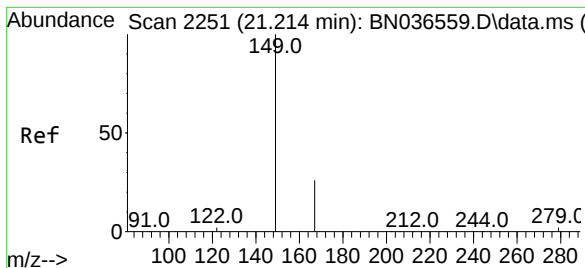


#31
Terphenyl-d14
Concen: 0.504 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036628.D
Acq: 15 Mar 2025 04:16



Tgt Ion:244 Resp: 4767
Ion Ratio Lower Upper
244 100
212 11.8 9.6 14.4
122 18.4 13.9 20.9

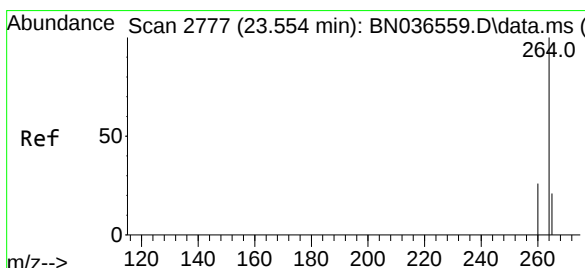
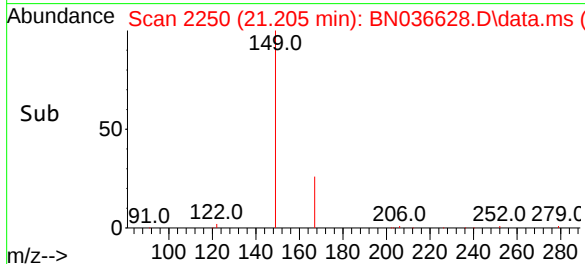
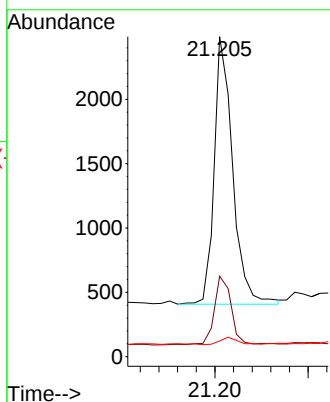
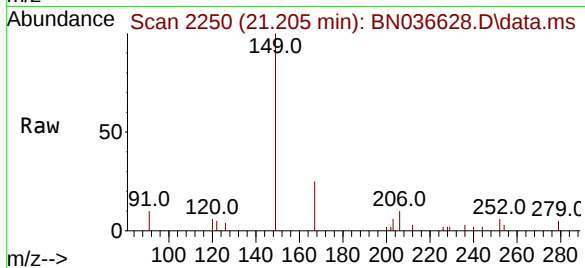




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.291 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036628.D
 Acq: 15 Mar 2025 04:16

Instrument :
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Tgt Ion:149 Resp: 2845
 Ion Ratio Lower Upper
 149 100
 167 23.2 20.7 31.1
 279 2.7 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 2773
 Delta R.T. -0.012 min
 Lab File: BN036628.D
 Acq: 15 Mar 2025 04:16

Tgt Ion:264 Resp: 3552
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.6 33.8
 265 102.5 88.1 132.1

