

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
 Data File : BN027681.D
 Acq On : 14 Sep 2023 15:44
 Operator : MA/JU
 Sample : 04389-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230907

Quant Time: Sep 14 16:24:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

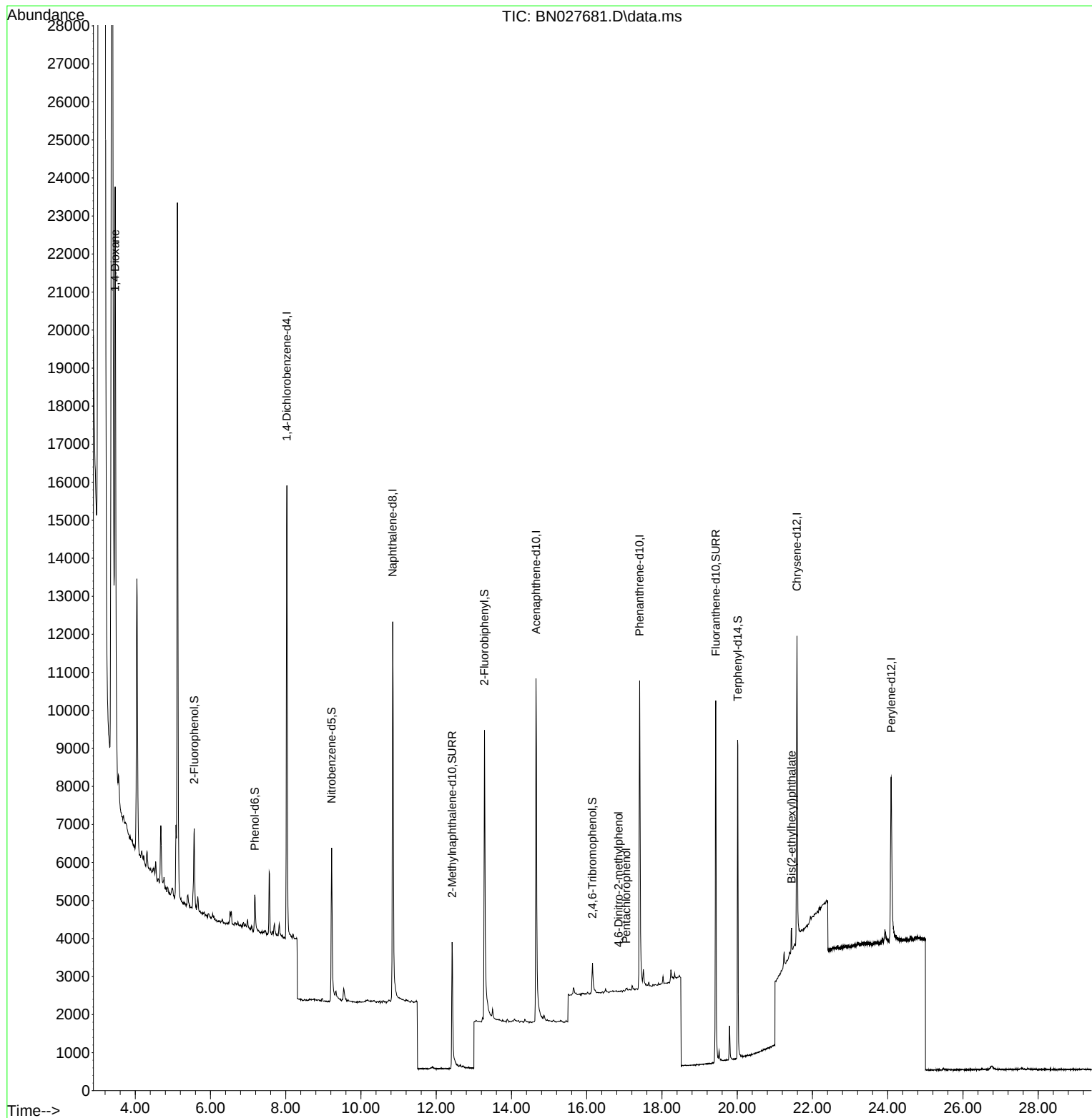
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6321	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	15498	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	6796	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	13031	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9075	0.400	ng	0.00
35) Perylene-d12	24.092	264	8073	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2001	0.121	ng	0.00
5) Phenol-d6	7.178	99	1222	0.061	ng	0.00
8) Nitrobenzene-d5	9.219	82	4003	0.354	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	6167	0.271	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	555	0.221	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	8876	0.343	ng	-0.01
27) Fluoranthene-d10	19.430	212	11518	0.356	ng	0.00
31) Terphenyl-d14	20.015	244	8830	0.484	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	14684	1.903	ng	# 92
20) 4,6-Dinitro-2-methylph...	16.847	198	7	0.038	ng	# 39
24) Pentachlorophenol	17.046	266	70	0.022	ng	91
34) Bis(2-ethylhexyl)phtha...	21.444	149	697	0.046	ng	98

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

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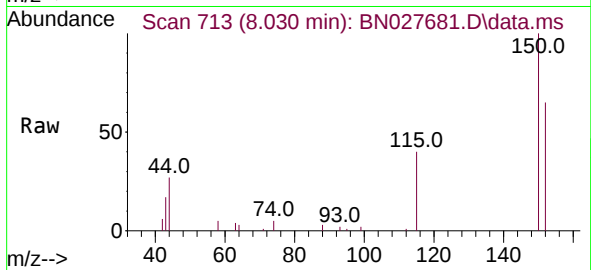
Quant Time: Sep 14 16:24:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



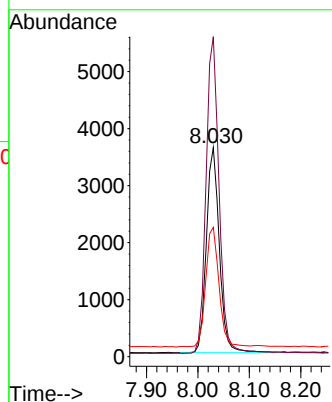
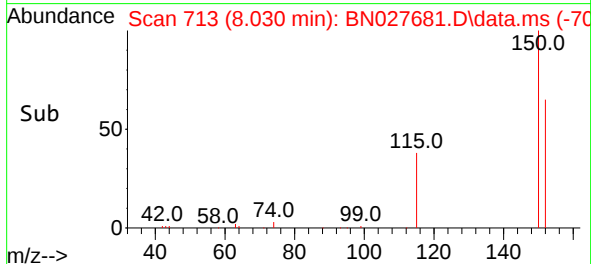


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 719
 Delta R.T. -0.007 min
 Lab File: BN027681.D
 Acq: 14 Sep 2023 15:44

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230907

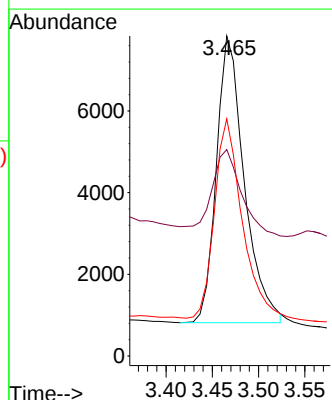
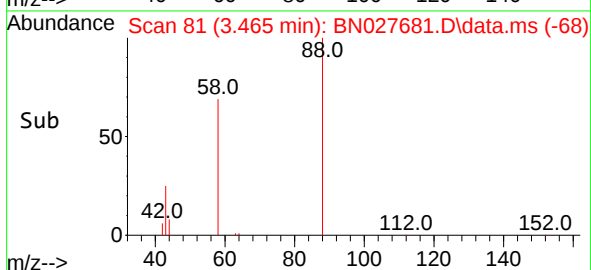
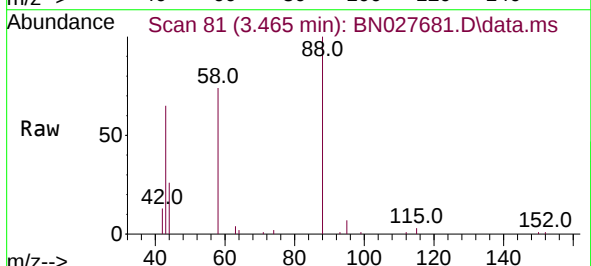


Tgt Ion:152 Resp: 6321
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.7 184.1
 115 61.9 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.903 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027681.D
 Acq: 14 Sep 2023 15:44

Tgt Ion: 88 Resp: 14684
 Ion Ratio Lower Upper
 88 100
 43 32.3 19.1 28.7#
 58 68.7 52.2 78.2

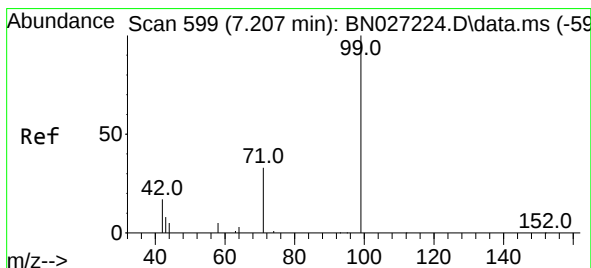
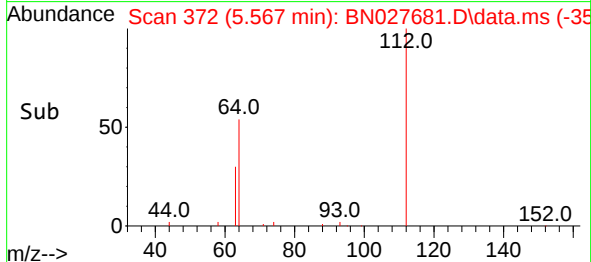
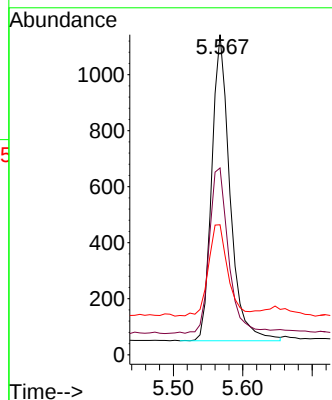
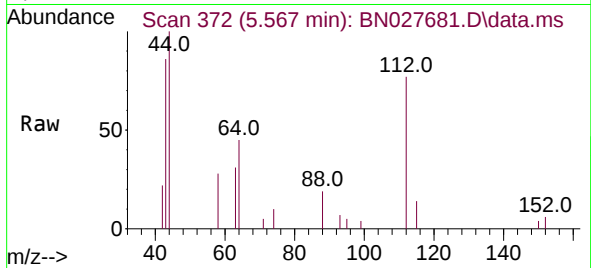




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.567 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

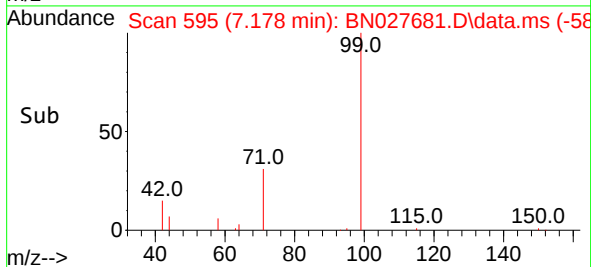
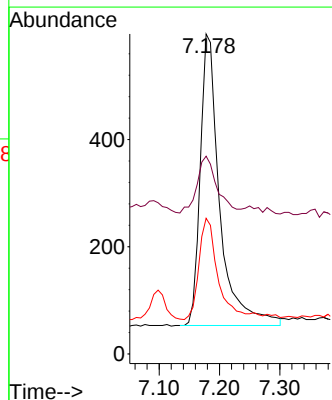
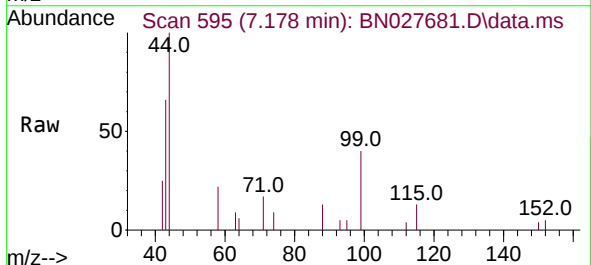
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230907

Tgt Ion:112 Resp: 2001
Ion Ratio Lower Upper
112 100
64 58.8 44.4 66.6
63 31.7 23.1 34.7



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.178 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

Tgt Ion: 99 Resp: 1222
Ion Ratio Lower Upper
99 100
42 19.6 14.5 21.7
71 34.8 25.8 38.6

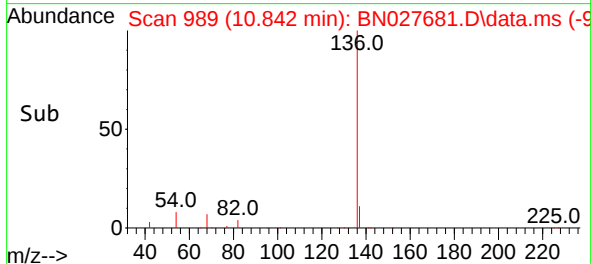
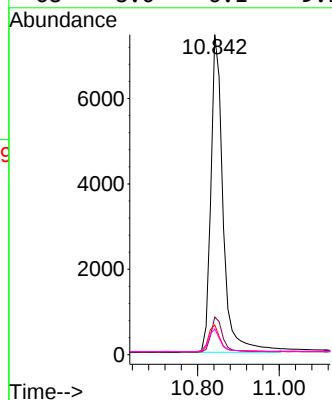
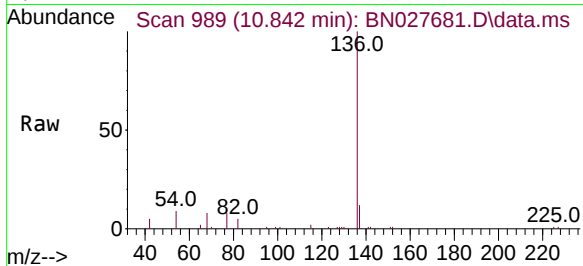




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

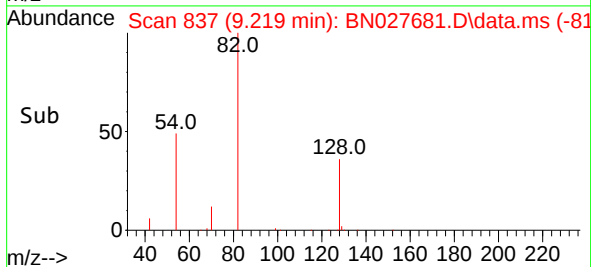
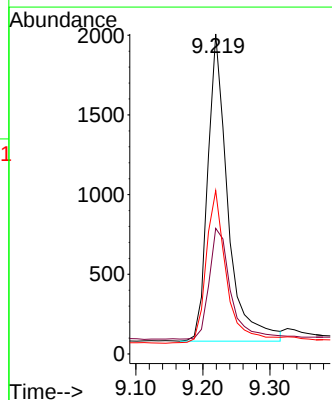
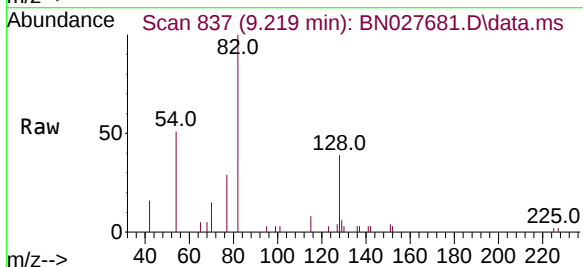
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230907

Tgt Ion:	136	Resp:	15498
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.3	13.9
54	9.3	6.7	10.1
68	8.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

Tgt Ion:	82	Resp:	4003
Ion Ratio	Lower	Upper	
82	100		
128	39.2	33.4	50.0
54	51.0	37.7	56.5

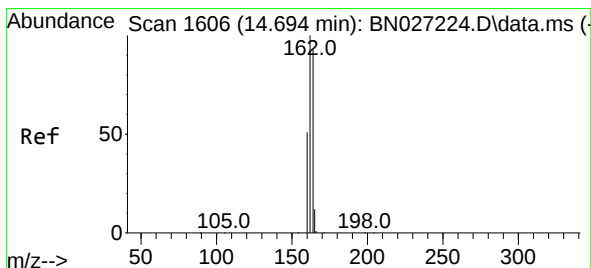
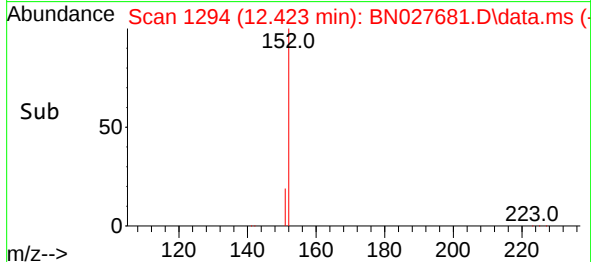
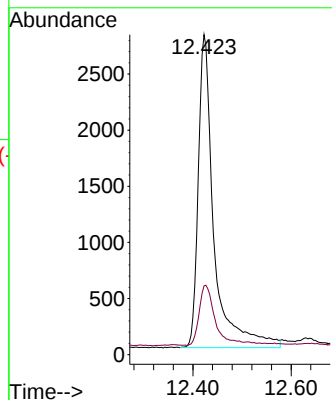
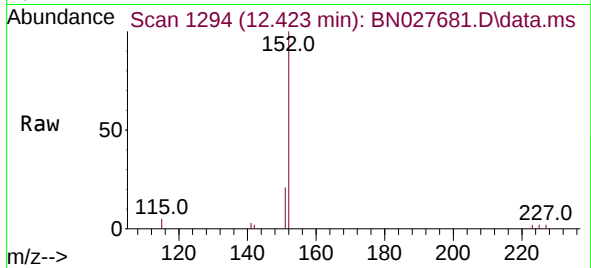




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

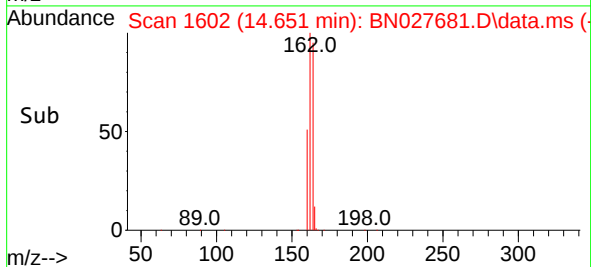
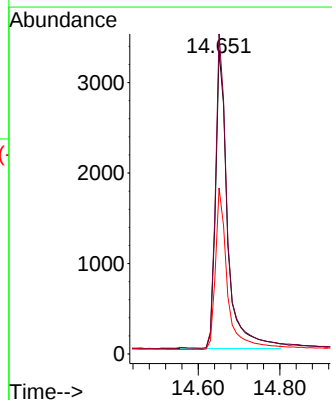
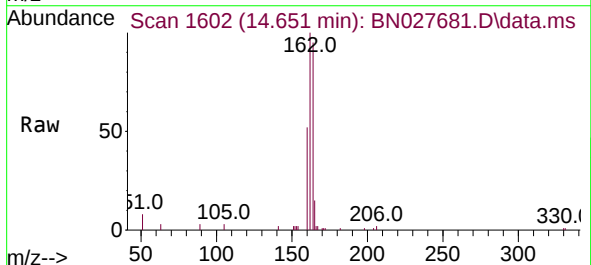
Instrument :
BNA_N
ClientSampleId :
RE134D4-20230907

Tgt Ion:152 Resp: 6167
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

Tgt Ion:164 Resp: 6796
Ion Ratio Lower Upper
164 100
162 105.4 85.8 128.8
160 54.6 44.2 66.2

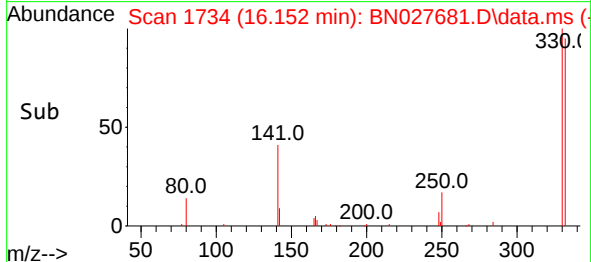
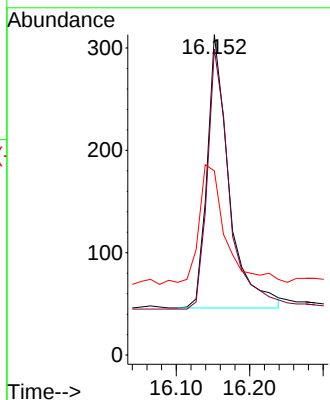
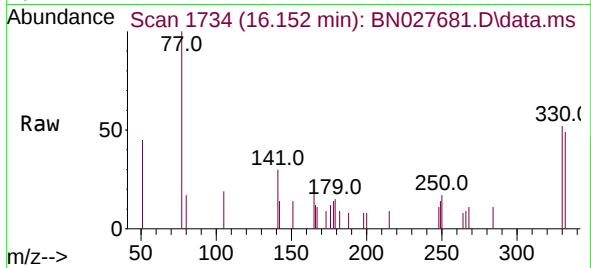




#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 16.152 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

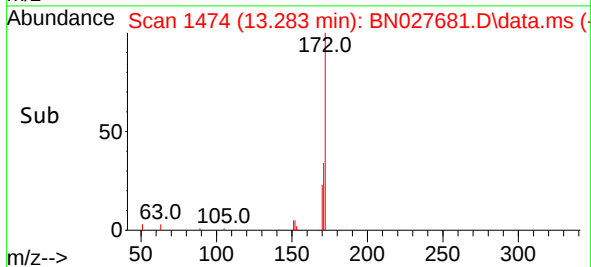
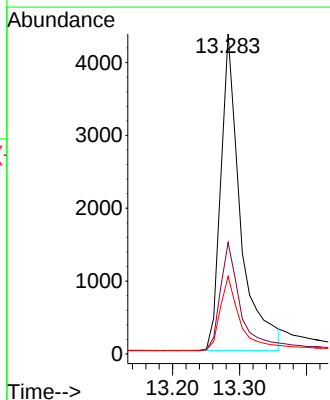
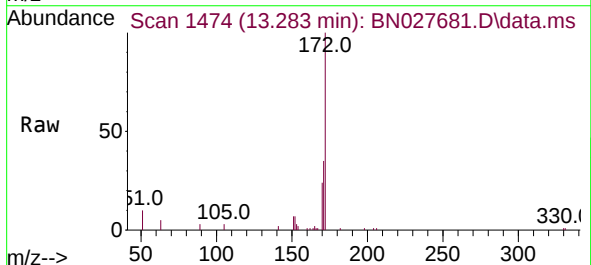
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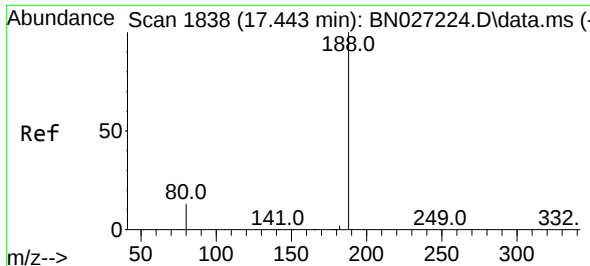
Tgt Ion:330 Resp: 555
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 53.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

Tgt Ion:172 Resp: 8876
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 24.2 19.3 28.9

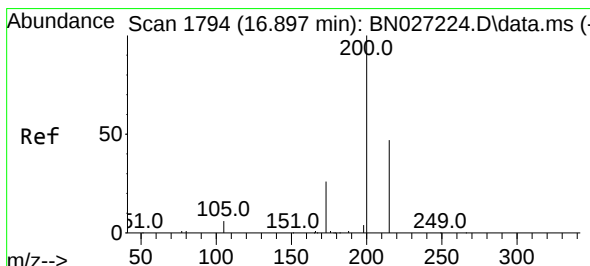
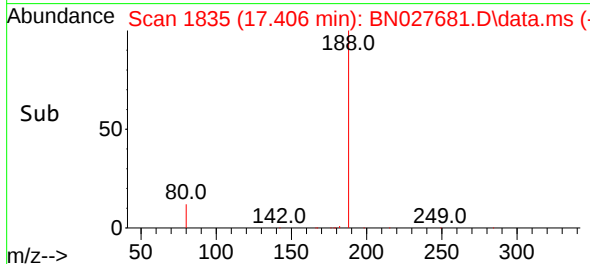
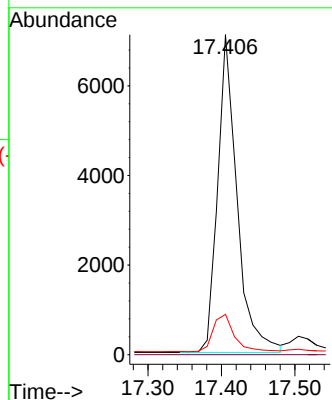
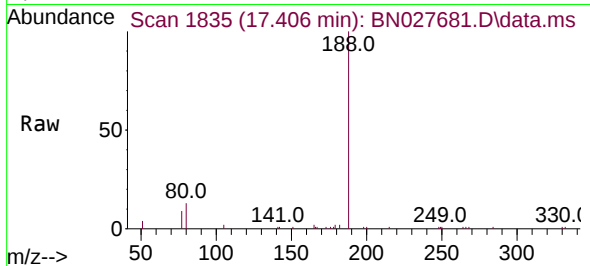




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

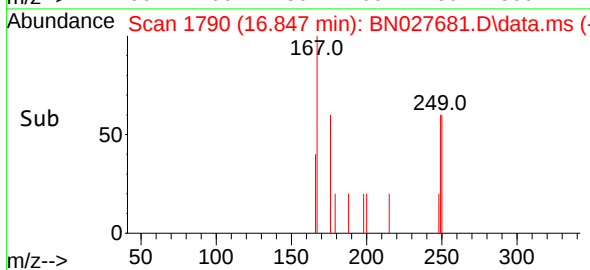
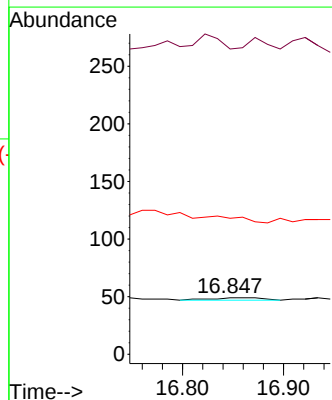
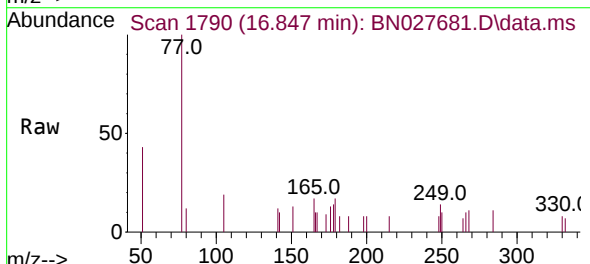
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RE134D4-20230907

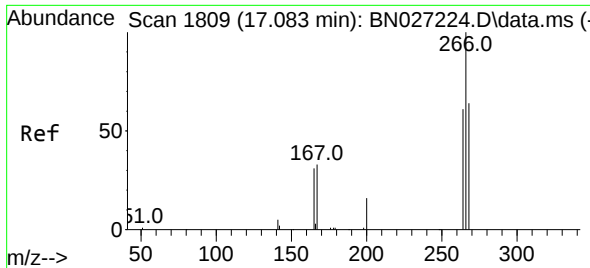
Tgt Ion:188 Resp: 13031
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.038 ng
RT: 16.847 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 540.8 282.2 423.2#
105 240.8 168.7 253.1

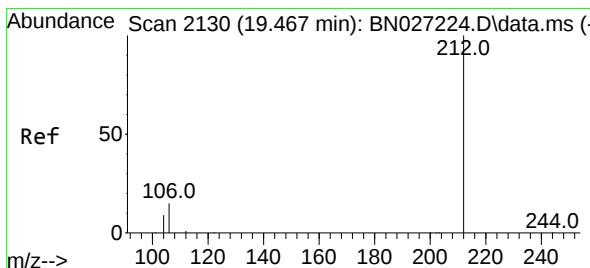
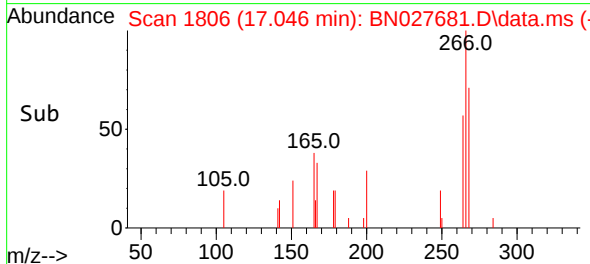
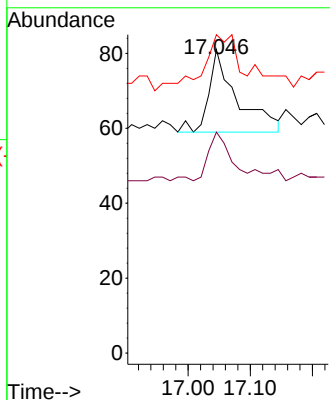
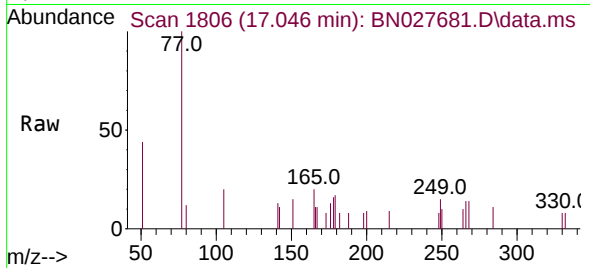




#24
 Pentachlorophenol
 Concen: 0.022 ng
 RT: 17.046 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BN027681.D
 Acq: 14 Sep 2023 15:44

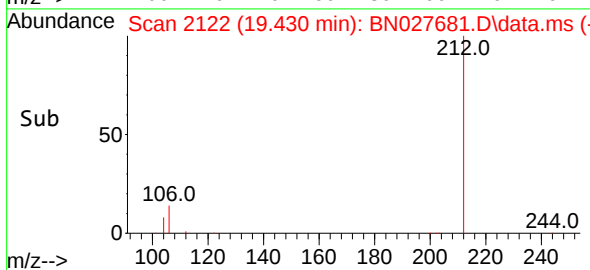
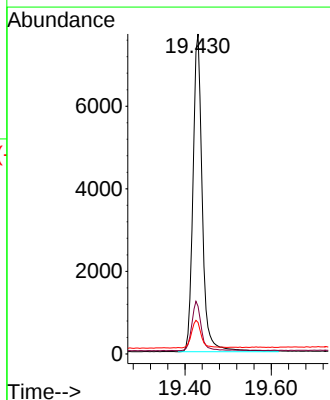
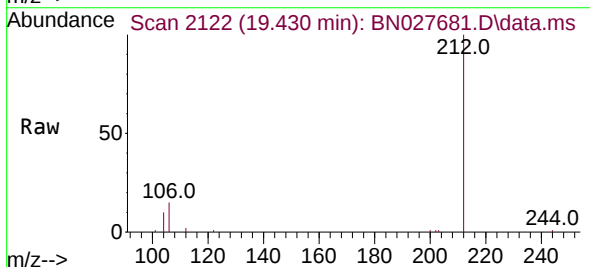
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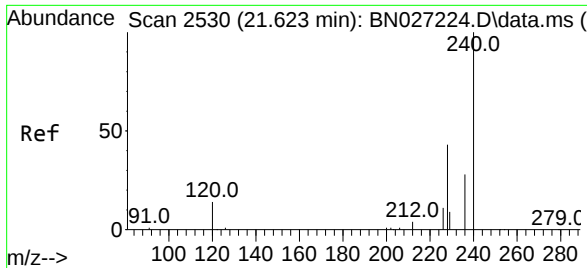
Tgt Ion:266 Resp: 70
 Ion Ratio Lower Upper
 266 100
 264 57.1 50.3 75.5
 268 57.1 52.0 78.0



#27
 Fluoranthene-d10
 Concen: 0.356 ng
 RT: 19.430 min Scan# 2122
 Delta R.T. -0.005 min
 Lab File: BN027681.D
 Acq: 14 Sep 2023 15:44

Tgt Ion:212 Resp: 11518
 Ion Ratio Lower Upper
 212 100
 106 15.5 12.1 18.1
 104 9.3 6.9 10.3

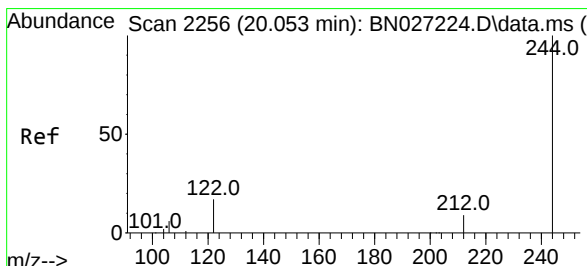
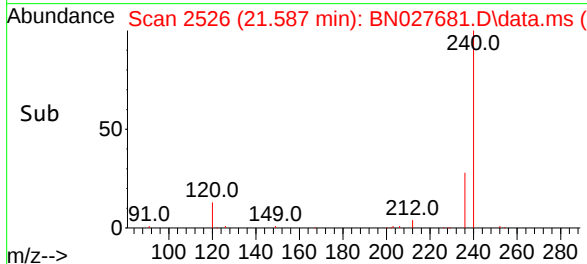
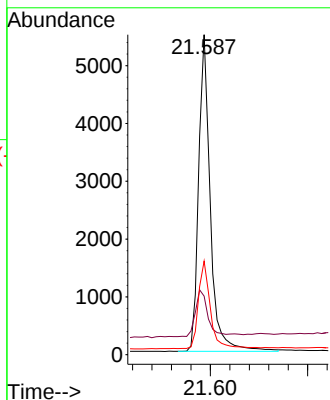
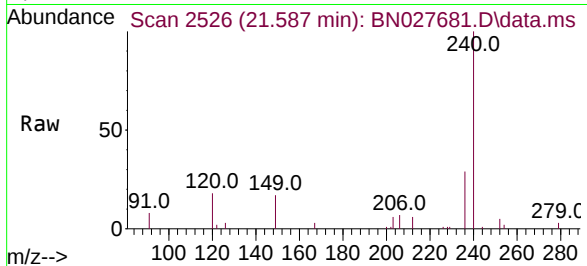




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

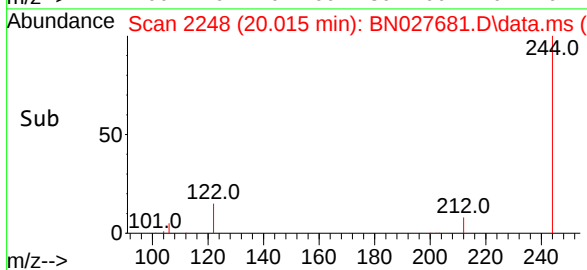
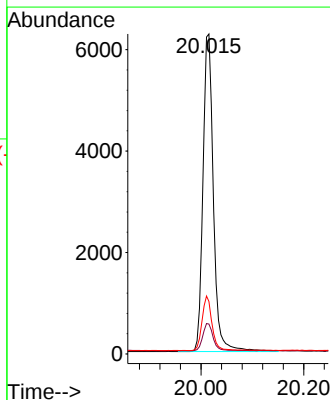
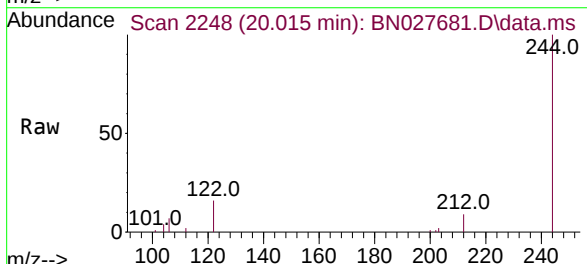
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RE134D4-20230907

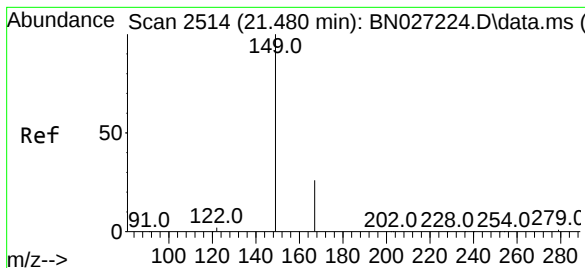
Tgt Ion:240 Resp: 9075
Ion Ratio Lower Upper
240 100
120 18.3 14.2 21.4
236 29.3 22.9 34.3



#31
Terphenyl-d14
Concen: 0.484 ng
RT: 20.015 min Scan# 2248
Delta R.T. -0.005 min
Lab File: BN027681.D
Acq: 14 Sep 2023 15:44

Tgt Ion:244 Resp: 8830
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 16.4 14.0 21.0

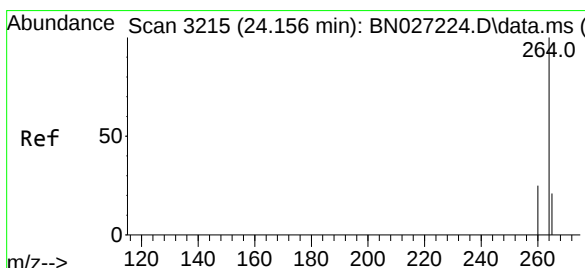
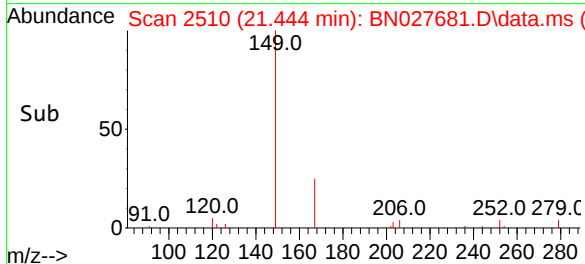
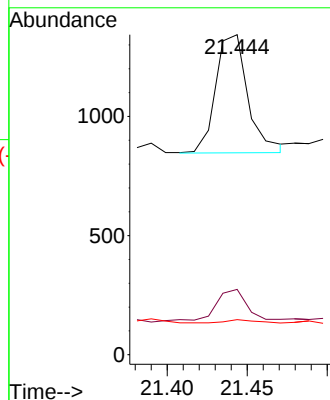
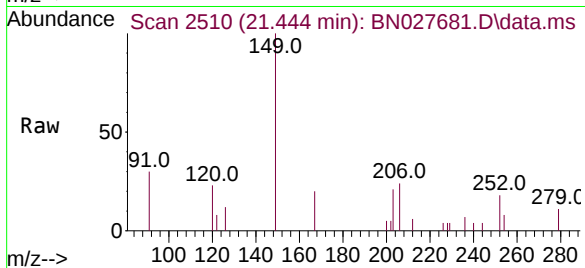




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.444 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BN027681.D
 Acq: 14 Sep 2023 15:44

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20230907

Tgt Ion:149 Resp: 697
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.1 33.1
 279 3.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.092 min Scan# 3193
 Delta R.T. -0.003 min
 Lab File: BN027681.D
 Acq: 14 Sep 2023 15:44

Tgt Ion:264 Resp: 8073
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.7 31.1
 265 98.6 53.3 79.9#

