

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027566.D
 Acq On : 11 Sep 2023 07:59
 Operator : MA/JU
 Sample : 04251-03
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-083023-3V

Quant Time: Sep 12 01:29:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

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

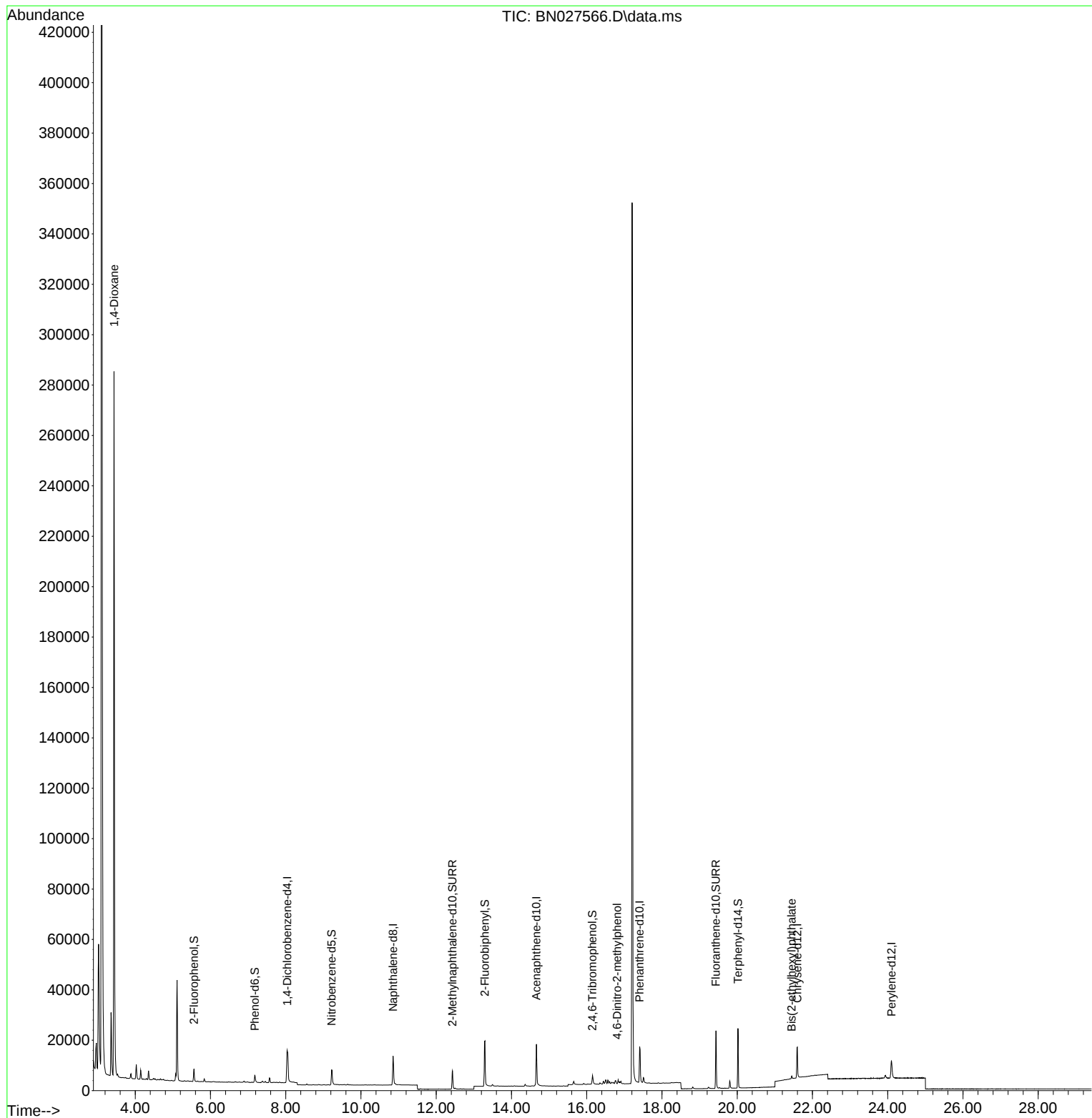
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	5682	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16593	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	10436	0.400	ng	0.00
19) Phenanthrene-d10	17.405	188	23105	0.400	ng	-0.01
29) Chrysene-d12	21.596	240	13922	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	11593	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	4095	0.276	ng	0.00
5) Phenol-d6	7.178	99	2909	0.162	ng	0.00
8) Nitrobenzene-d5	9.219	82	5901	0.488	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	10885	0.447	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2271	0.588	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	18884	0.476	ng	0.00
27) Fluoranthene-d10	19.435	212	26549	0.462	ng	0.00
31) Terphenyl-d14	20.020	244	23467	0.839	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.437	88	184276	26.566	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	16.810	198	8	0.024	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.444	149	1497	0.065	ng	91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
Response via : Initial Calibration

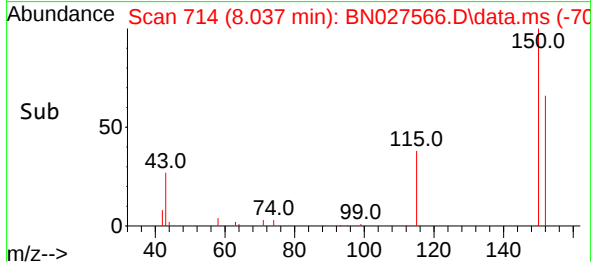
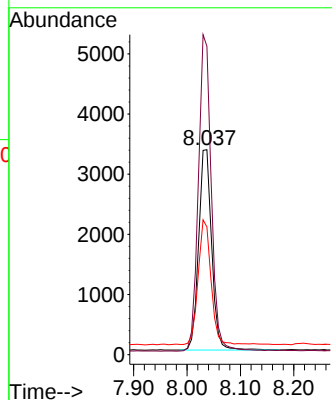
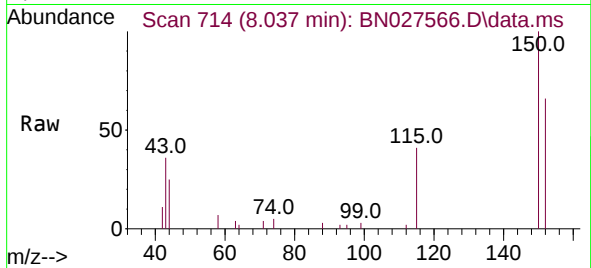




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.037 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027566.D
 Acq: 11 Sep 2023 07:59

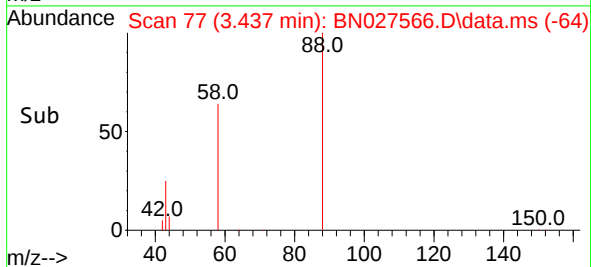
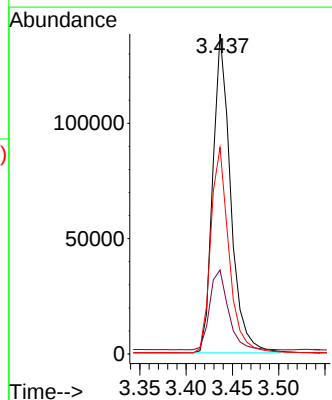
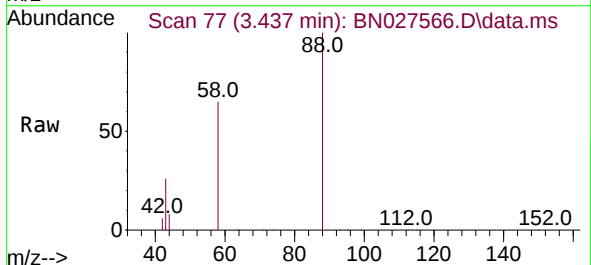
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-083023-3V

Tgt Ion:152 Resp: 5682
 Ion Ratio Lower Upper
 152 100
 150 150.4 122.7 184.1
 115 62.3 48.6 73.0



#2
 1,4-Dioxane
 Concen: 26.566 ng
 RT: 3.437 min Scan# 77
 Delta R.T. -0.007 min
 Lab File: BN027566.D
 Acq: 11 Sep 2023 07:59

Tgt Ion: 88 Resp: 184276
 Ion Ratio Lower Upper
 88 100
 43 26.1 19.1 28.7
 58 65.5 52.2 78.2

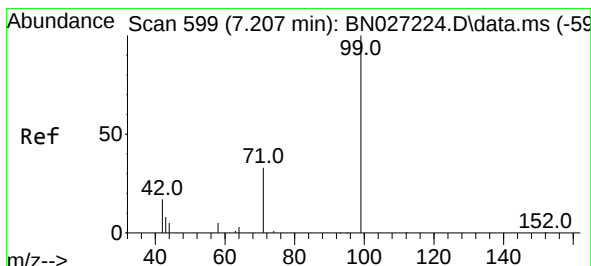
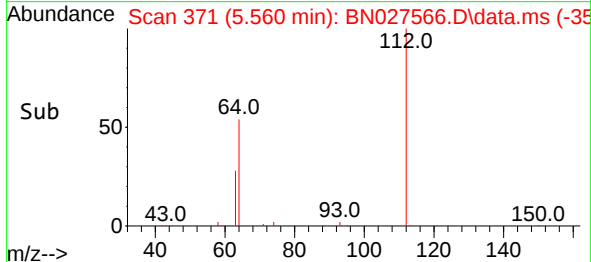
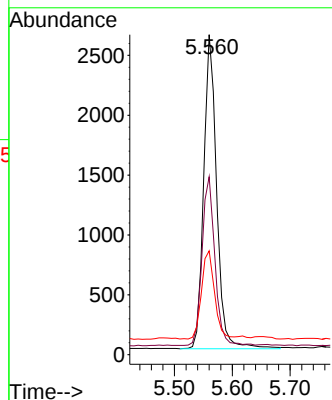
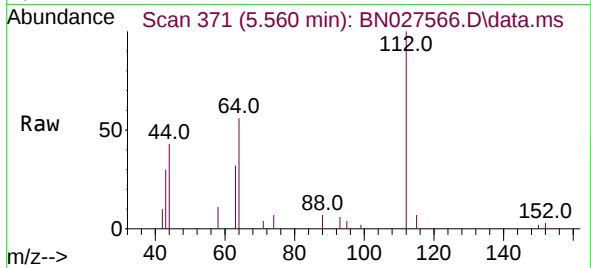




#4
2-Fluorophenol
Concen: 0.276 ng
RT: 5.560 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

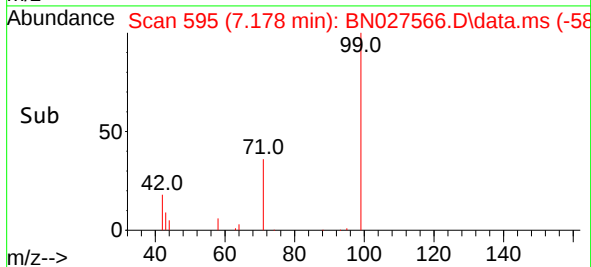
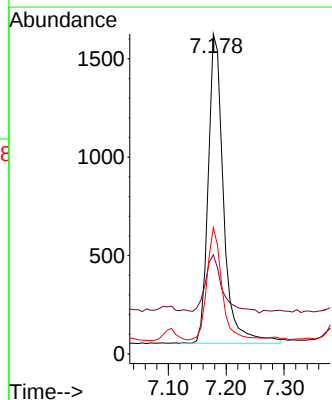
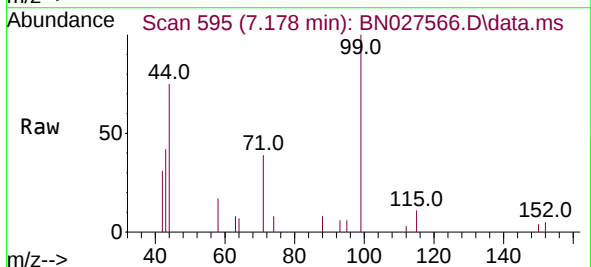
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-083023-3V

Tgt Ion:112 Resp: 4095
Ion Ratio Lower Upper
112 100
64 53.3 44.4 66.6
63 28.4 23.1 34.7



#5
Phenol-d6
Concen: 0.162 ng
RT: 7.178 min Scan# 595
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

Tgt Ion: 99 Resp: 2909
Ion Ratio Lower Upper
99 100
42 21.0 14.5 21.7
71 35.3 25.8 38.6

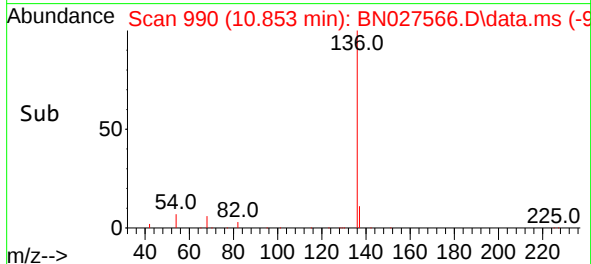
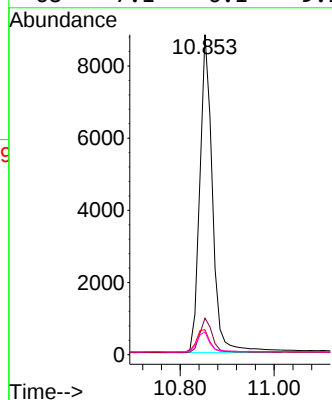
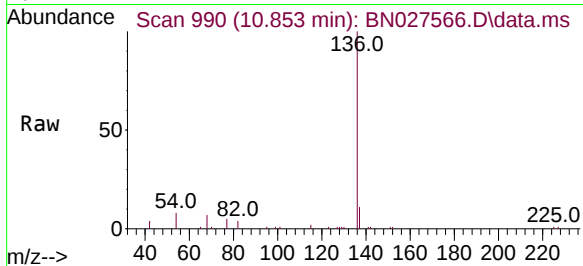




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

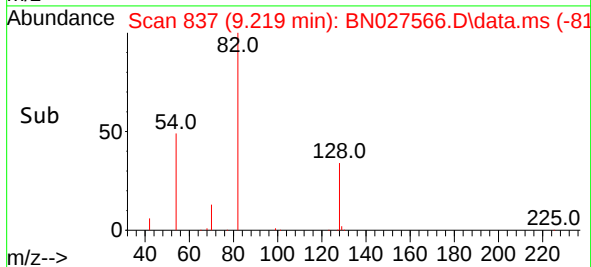
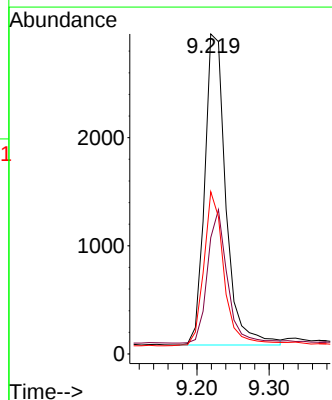
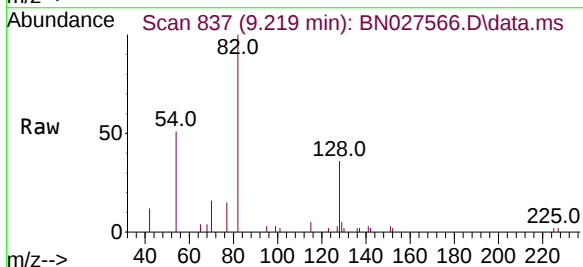
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-083023-3V

Tgt Ion:	136	Resp:	16593
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.8	6.7	10.1
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.488 ng
RT: 9.219 min Scan# 837
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

Tgt Ion:	82	Resp:	5901
Ion	Ratio	Lower	Upper
82	100		
128	36.3	33.4	50.0
54	50.7	37.7	56.5

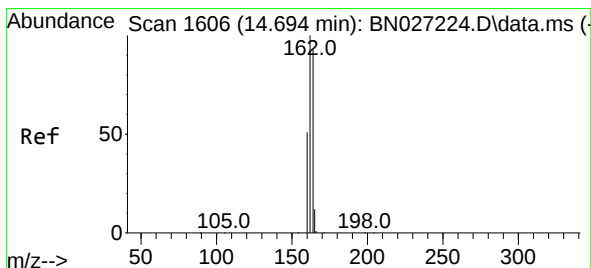
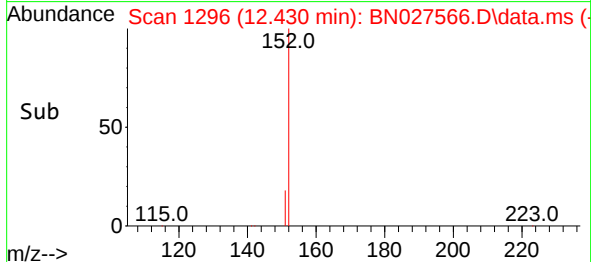
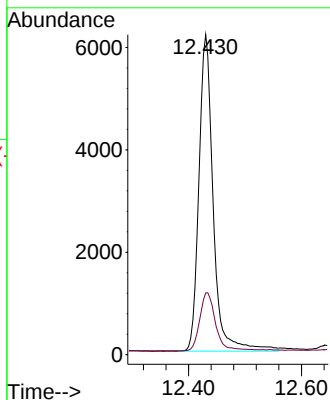
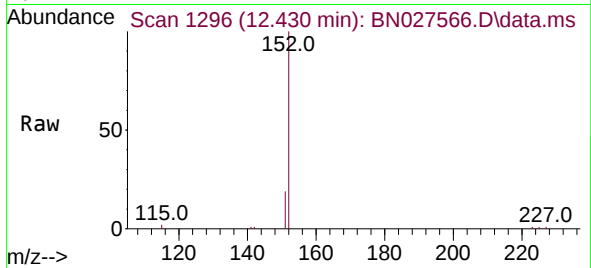




#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

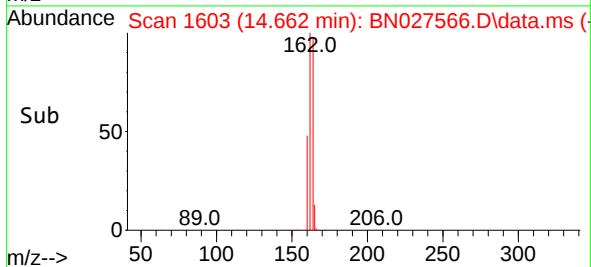
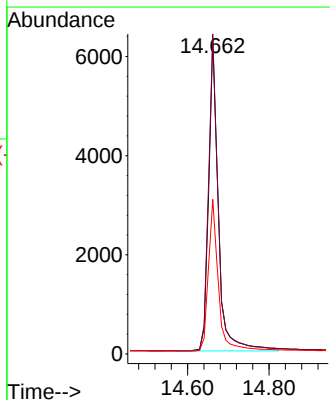
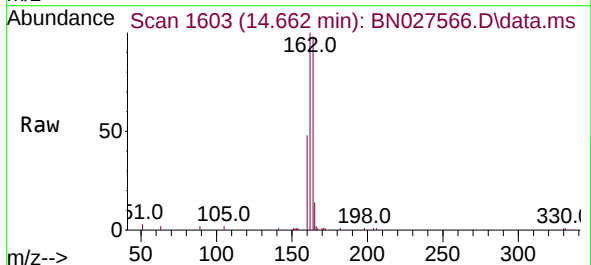
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-083023-3V

Tgt Ion:152 Resp: 10885
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

Tgt Ion:164 Resp: 10436
Ion Ratio Lower Upper
164 100
162 101.7 85.8 128.8
160 49.1 44.2 66.2

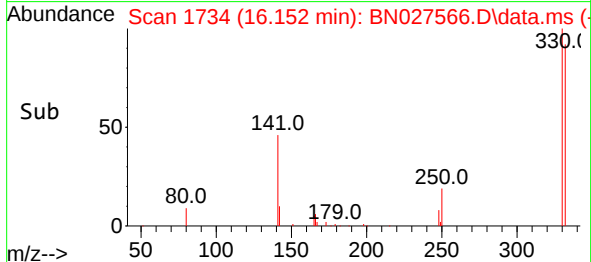
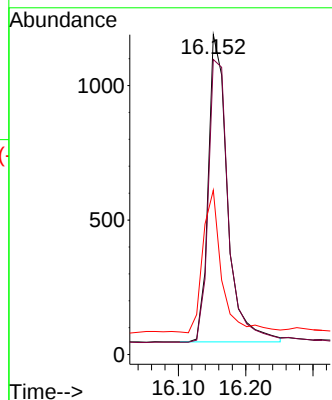
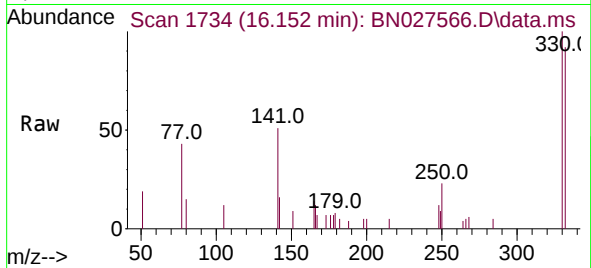




#14
2,4,6-Tribromophenol
Concen: 0.588 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

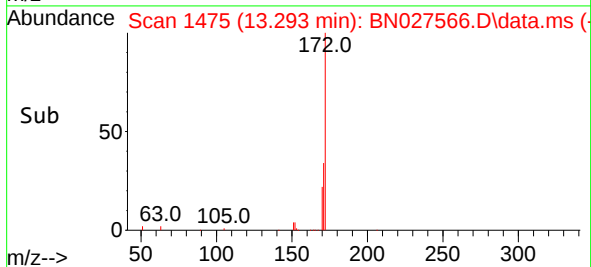
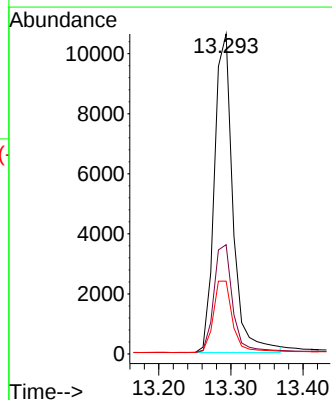
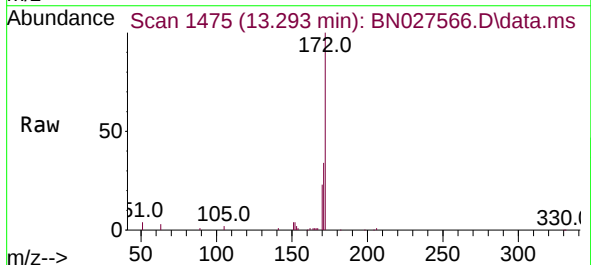
Instrument :
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OWBR-05-135-083023-3V

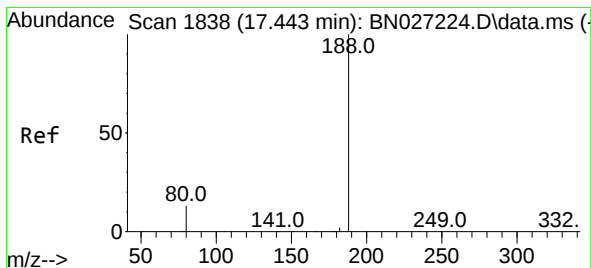
Tgt Ion:330 Resp: 2271
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 44.9 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.476 ng
RT: 13.293 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

Tgt Ion:172 Resp: 18884
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 22.8 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.405 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

Instrument :

BNA_N

ClientSampleId :

OWBR-05-135-083023-3V

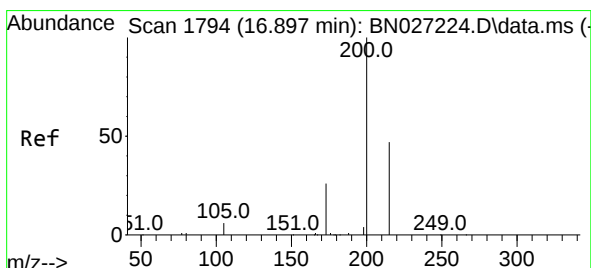
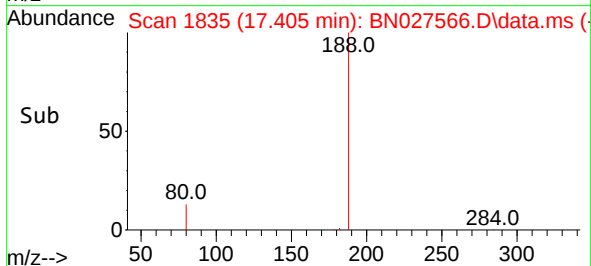
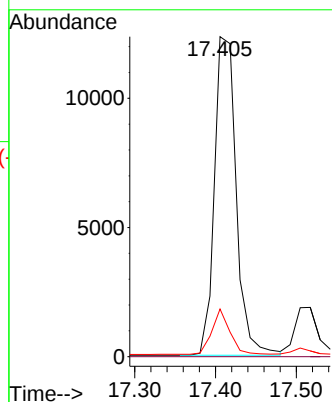
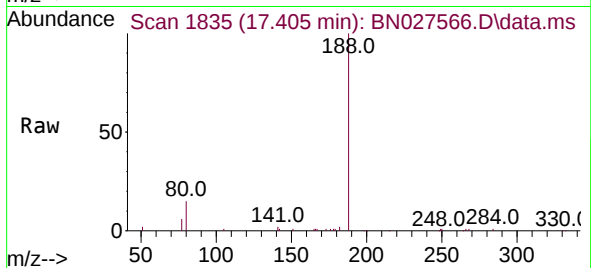
Tgt Ion:188 Resp: 23105

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 16.810 min Scan# 1787

Delta R.T. -0.050 min

Lab File: BN027566.D

Acq: 11 Sep 2023 07:59

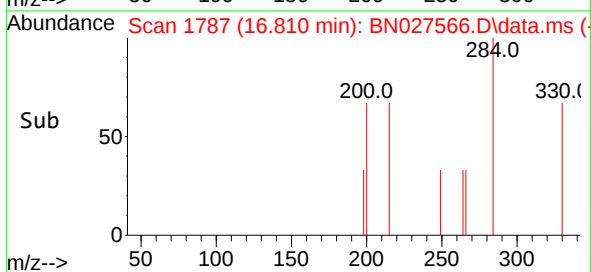
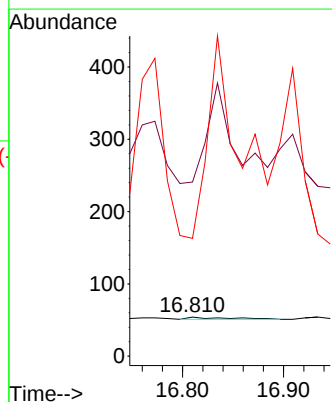
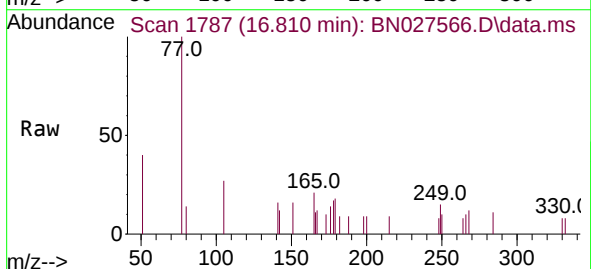
Tgt Ion:198 Resp: 8

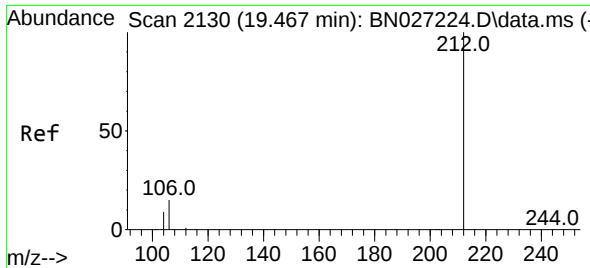
Ion Ratio Lower Upper

198 100

51 446.3 282.2 423.2#

105 301.9 168.7 253.1#

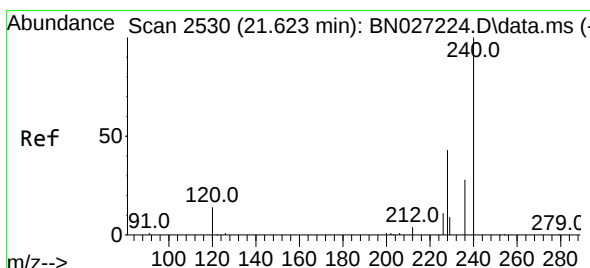
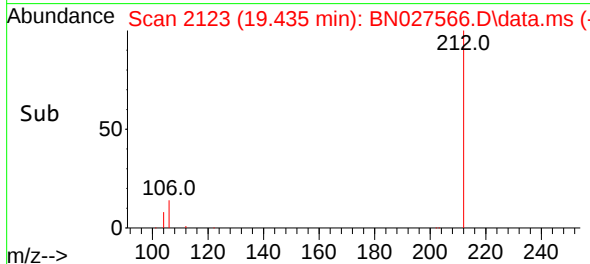
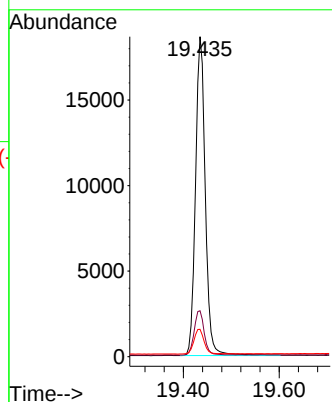
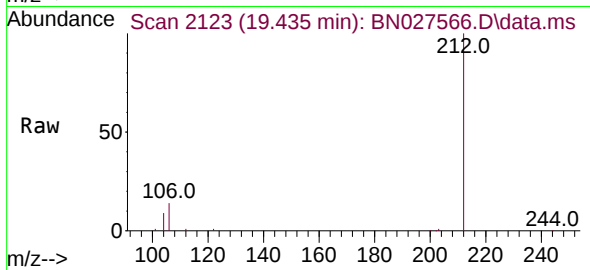




#27
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.435 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

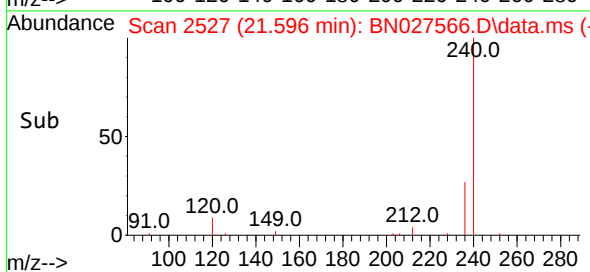
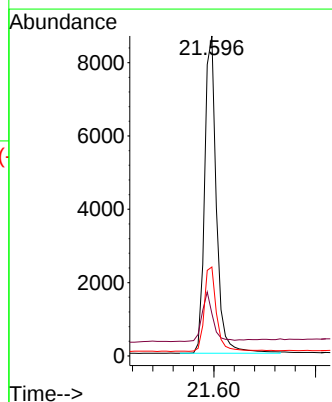
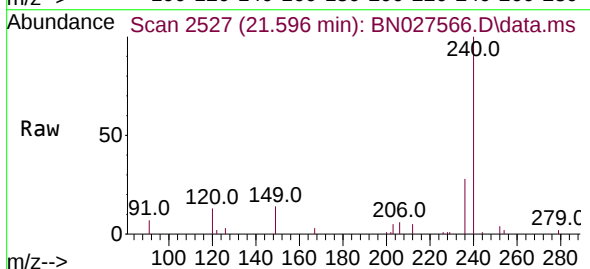
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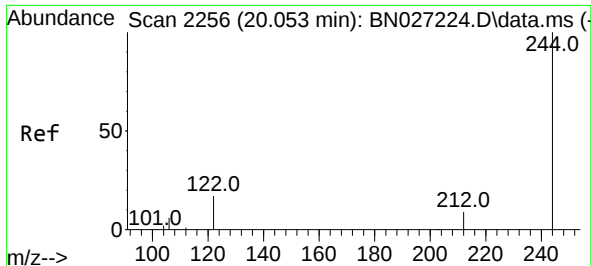
Tgt Ion:212 Resp: 26549
Ion Ratio Lower Upper
212 100
106 14.2 12.1 18.1
104 8.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.596 min Scan# 2527
Delta R.T. 0.009 min
Lab File: BN027566.D
Acq: 11 Sep 2023 07:59

Tgt Ion:240 Resp: 13922
Ion Ratio Lower Upper
240 100
120 13.2 14.2 21.4#
236 27.8 22.9 34.3

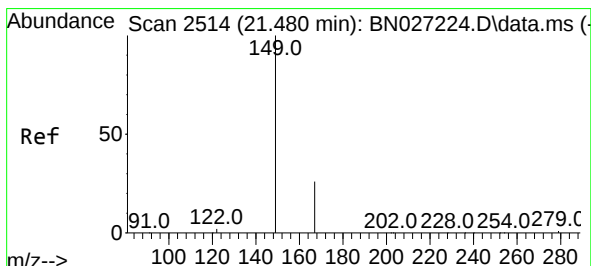
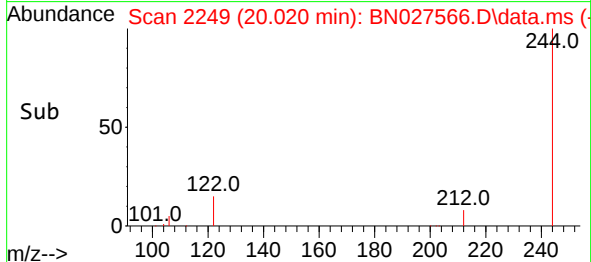
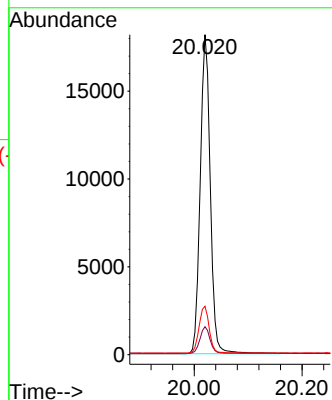
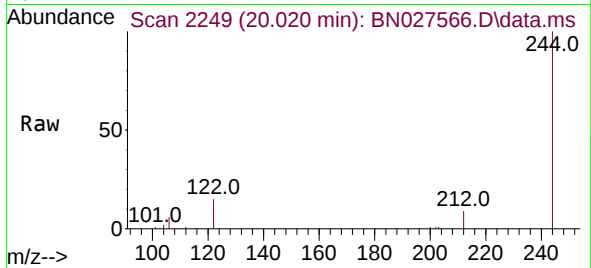




#31
 Terphenyl-d14
 Concen: 0.839 ng
 RT: 20.020 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027566.D
 Acq: 11 Sep 2023 07:59

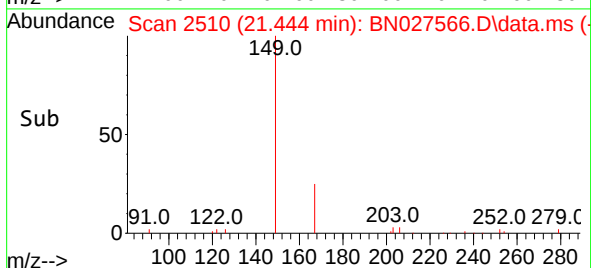
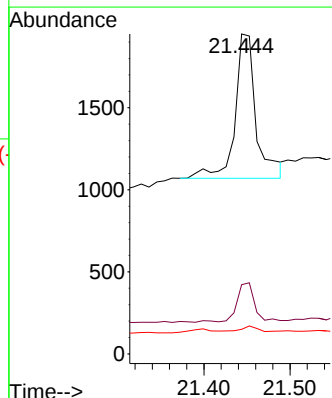
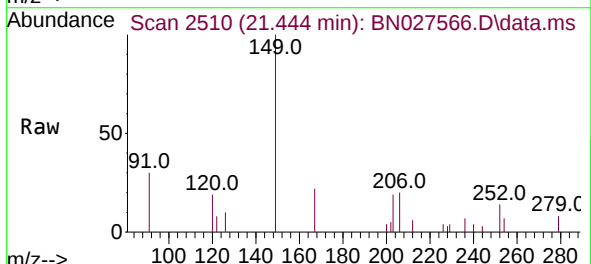
Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-083023-3V

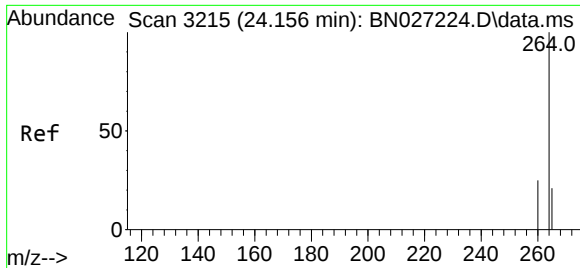
Tgt Ion:244 Resp: 23467
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.5 11.3
 122 15.2 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027566.D
 Acq: 11 Sep 2023 07:59

Tgt Ion:149 Resp: 1497
 Ion Ratio Lower Upper
 149 100
 167 22.2 22.1 33.1
 279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN027566.D
 Acq: 11 Sep 2023 07:59

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-083023-3V

Tgt Ion:264	Resp:	11593
Ion Ratio	Lower	Upper
264	100	
260	26.7	20.7 31.1
265	82.4	53.3 79.9#

