

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
 Data File : BN027735.D
 Acq On : 18 Sep 2023 15:38
 Operator : MA/JU
 Sample : PB155597BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155597BL

Quant Time: Sep 19 03:59:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	1744	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	4915	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	3211	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	10100	0.400	ng	0.01
29) Chrysene-d12	21.587	240	11534	0.400	ng	# 0.00
35) Perylene-d12	24.092	264	11300	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	1800	0.394	ng	0.00
5) Phenol-d6	7.163	99	1940	0.347	ng	0.00
8) Nitrobenzene-d5	9.208	82	1627	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	2636	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	469	0.313	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	3959	0.362	ng	0.01
27) Fluoranthene-d10	19.425	212	11966	0.424	ng	0.00
31) Terphenyl-d14	20.011	244	10249	0.473	ng	0.00

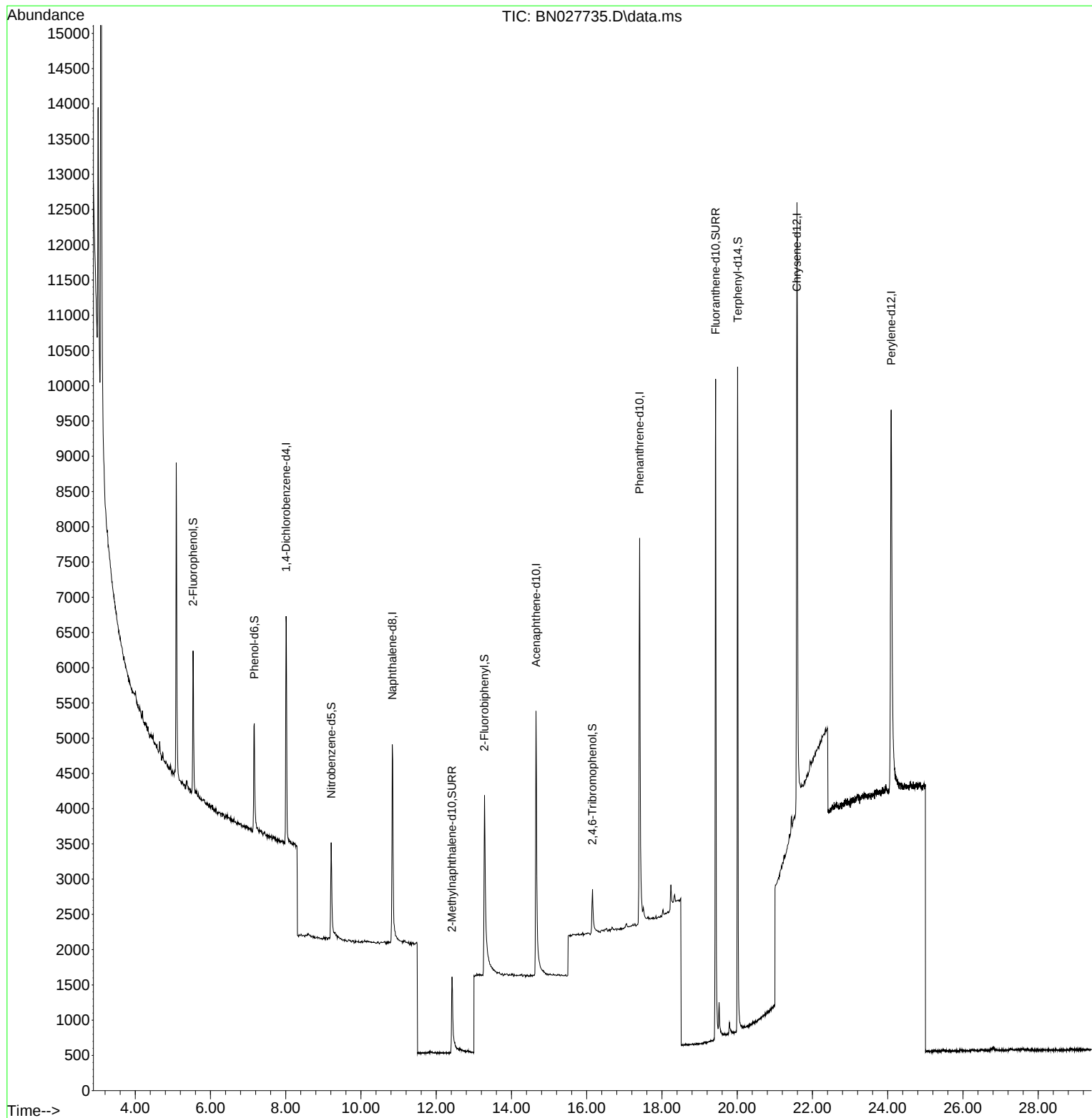
Target Compounds Qvalue

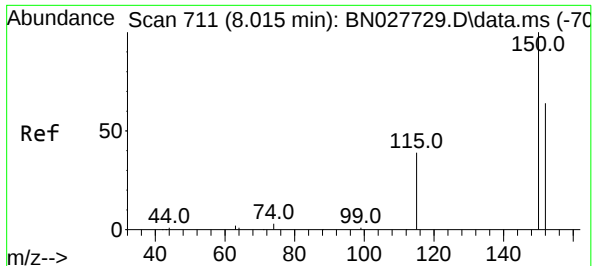
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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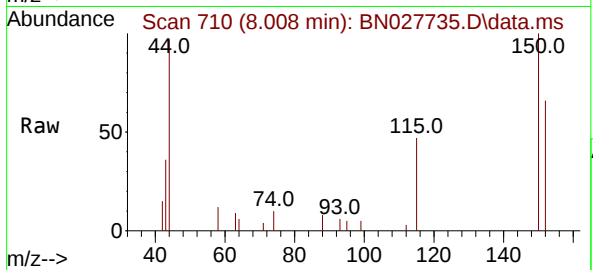
Quant Time: Sep 19 03:59:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
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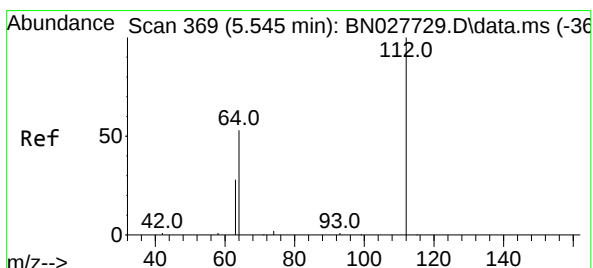
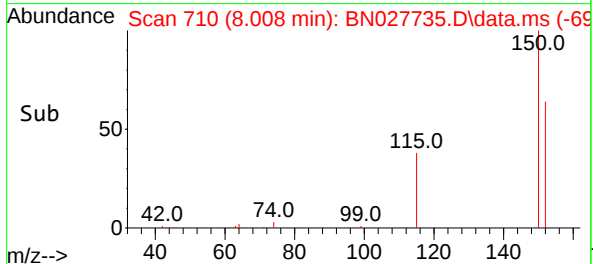
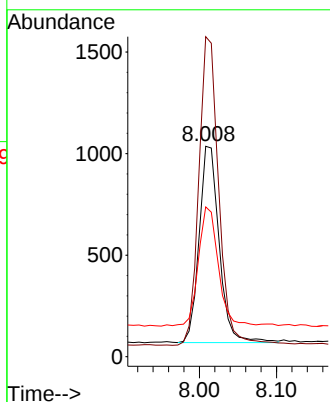
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.008 min Scan# 711
Delta R.T. -0.007 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Instrument :
BNA_N
ClientSampleId :
PB155597BL



Tgt Ion:152 Resp: 1744

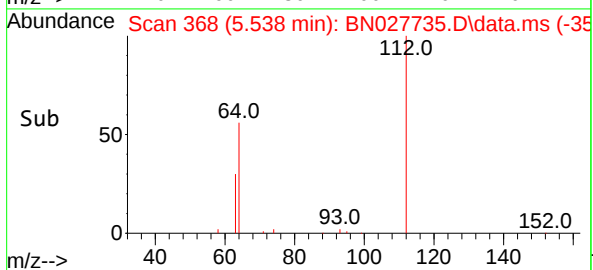
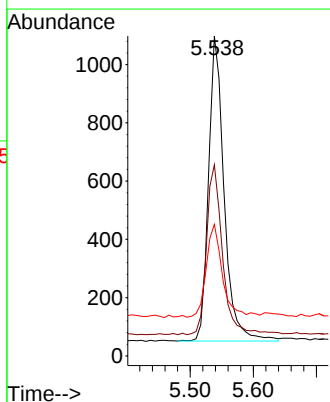
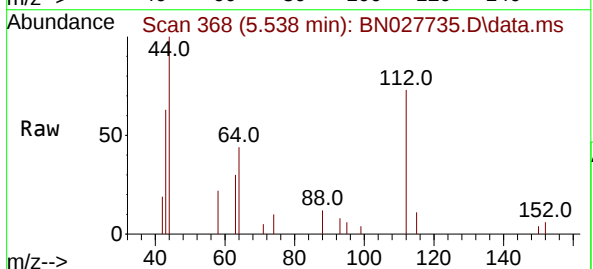
Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.2	178.8
115	71.2	53.8	80.8

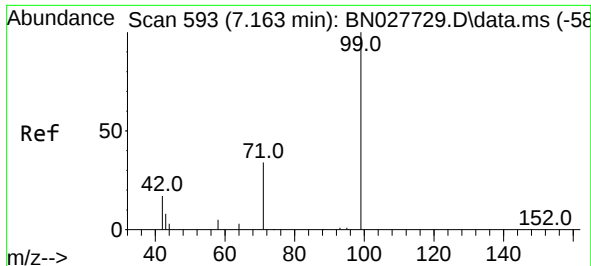


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.538 min Scan# 368
Delta R.T. -0.007 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:112 Resp: 1800

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.0	67.6
63	31.7	24.1	36.1

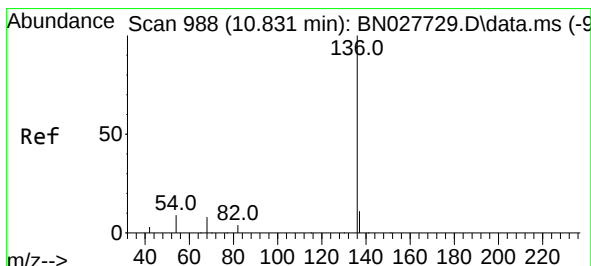
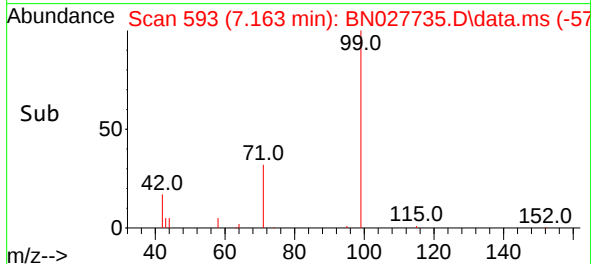
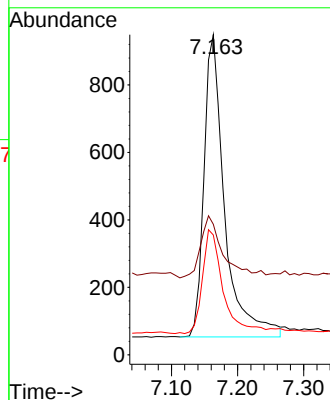
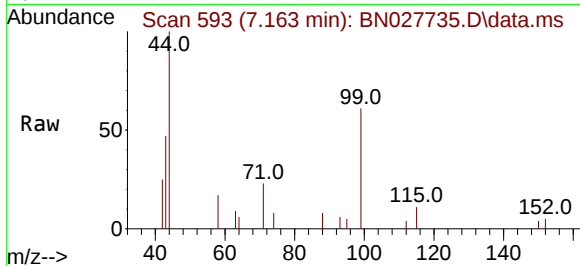




#5
Phenol-d6
Concen: 0.347 ng
RT: 7.163 min Scan# 593
Delta R.T. 0.007 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

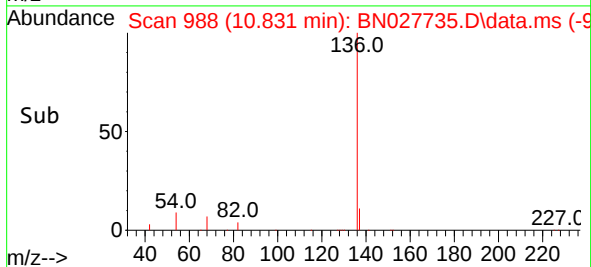
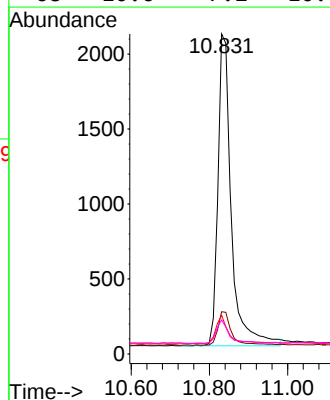
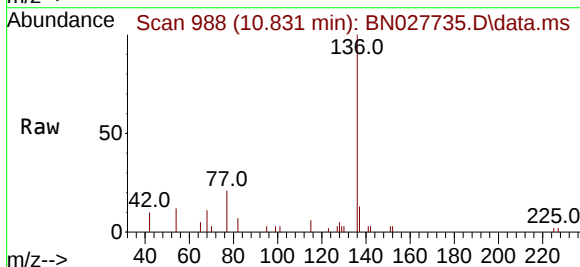
Instrument :
BNA_N
ClientSampleId :
PB155597BL

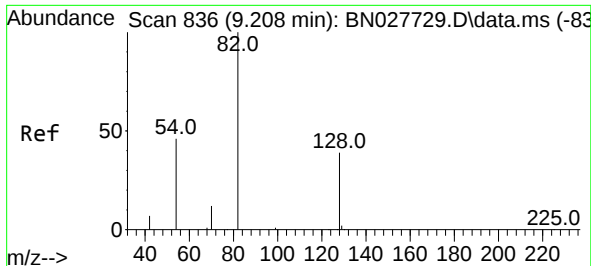
Tgt Ion:	99	Resp:	1940
Ion	Ratio	Lower	Upper
99	100		
42	22.8	15.8	23.8
71	34.3	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:	136	Resp:	4915
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.8	14.8
54	12.0	7.8	11.6
68	10.6	7.2	10.8

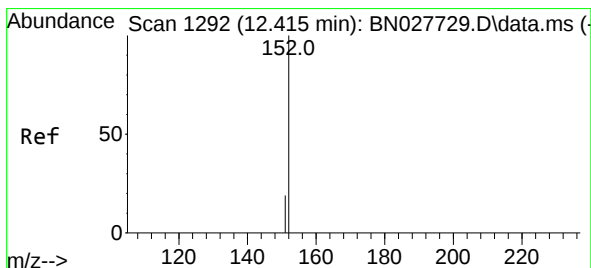
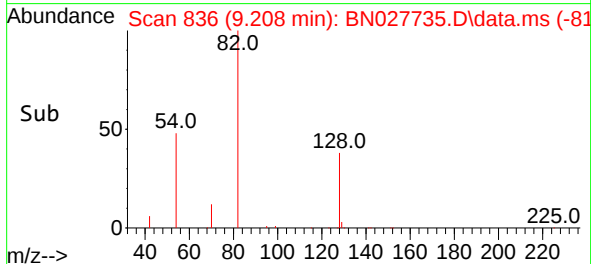
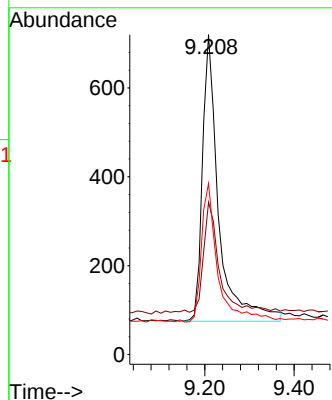
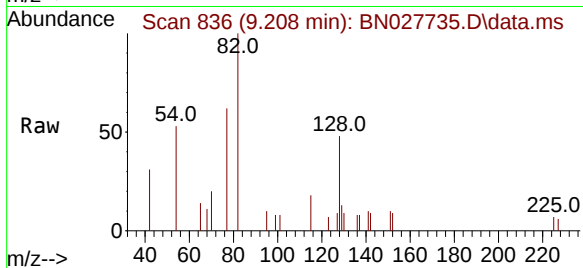




#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.208 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

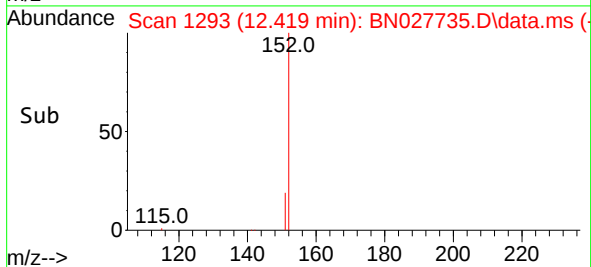
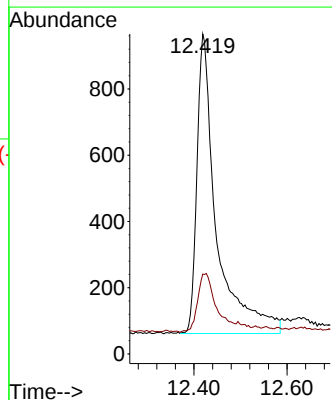
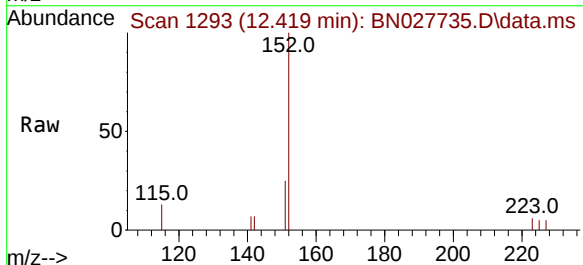
Instrument :
BNA_N
ClientSampleId :
PB155597BL

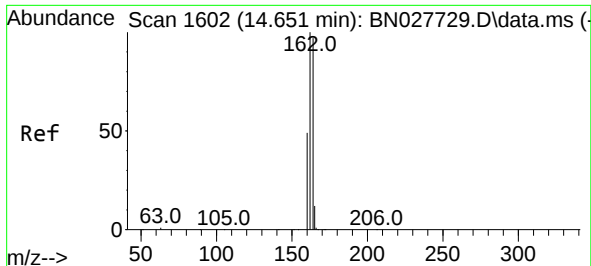
Tgt Ion: 82 Resp: 1627
Ion Ratio Lower Upper
82 100
128 47.6 35.1 52.7
54 53.5 35.1 52.7#



#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.419 min Scan# 1293
Delta R.T. 0.008 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:152 Resp: 2636
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7

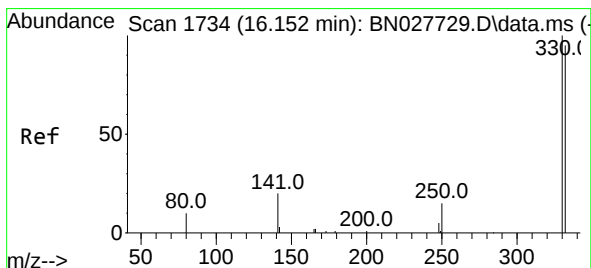
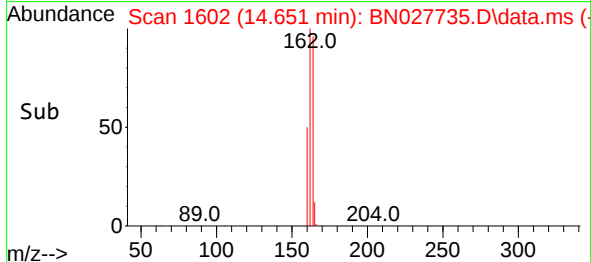
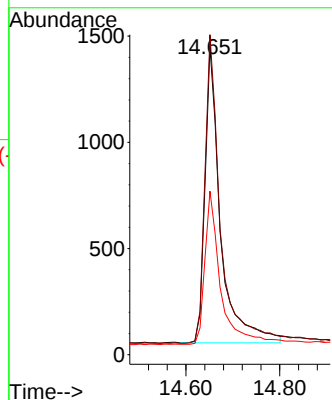
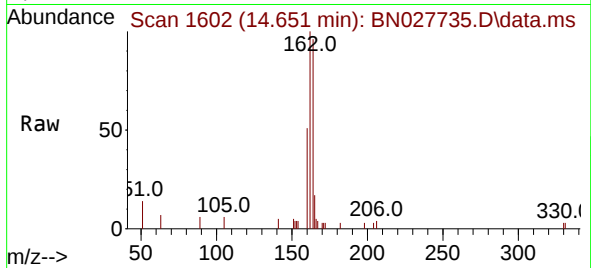




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. 0.011 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

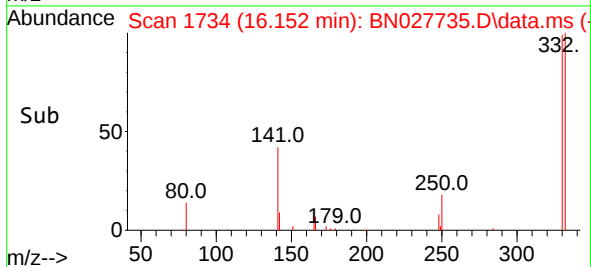
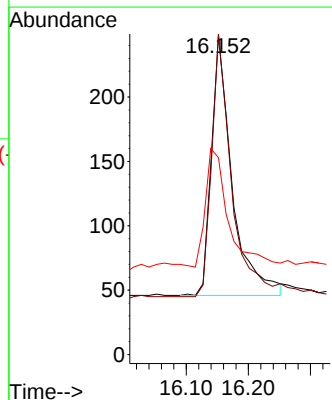
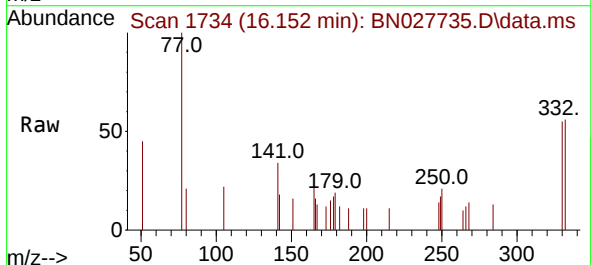
Instrument :
BNA_N
ClientSampleId :
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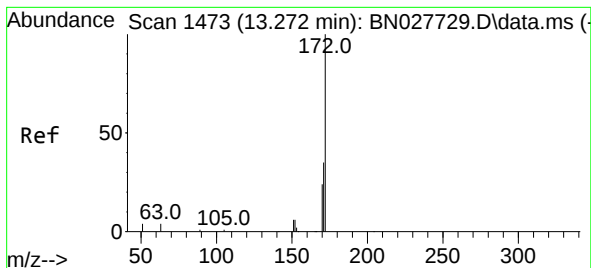
Tgt Ion:164 Resp: 3211
Ion Ratio Lower Upper
164 100
162 104.0 83.4 125.2
160 53.1 41.0 61.4



#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 16.152 min Scan# 1734
Delta R.T. 0.012 min
Lab File: BN027735.D
Acq: 18 Sep 2023 15:38

Tgt Ion:330 Resp: 469
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 48.2 38.2 57.2





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 13.283 min Scan# 1473

Delta R.T. 0.011 min

Lab File: BN027735.D

Acq: 18 Sep 2023 15:38

Instrument :

BNA_N

ClientSampleId :

PB155597BL

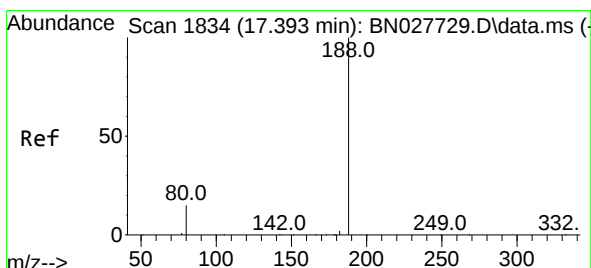
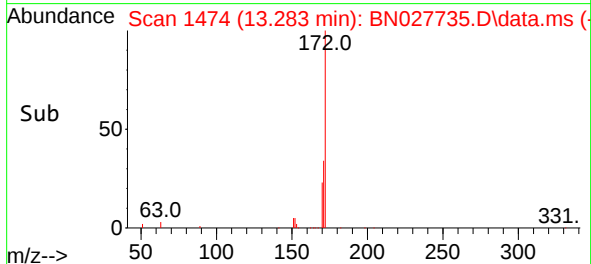
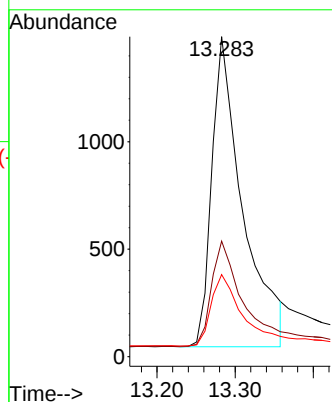
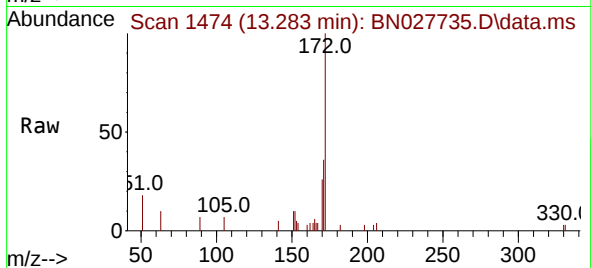
Tgt Ion:172 Resp: 3959

Ion Ratio Lower Upper

172 100

171 36.1 27.6 41.4

170 25.7 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1835

Delta R.T. 0.012 min

Lab File: BN027735.D

Acq: 18 Sep 2023 15:38

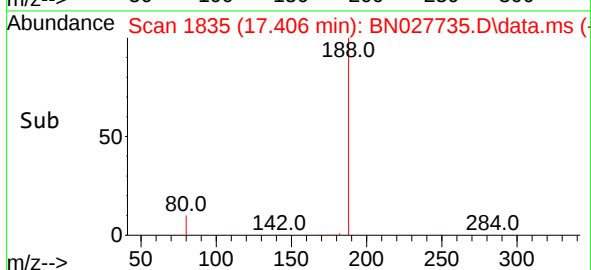
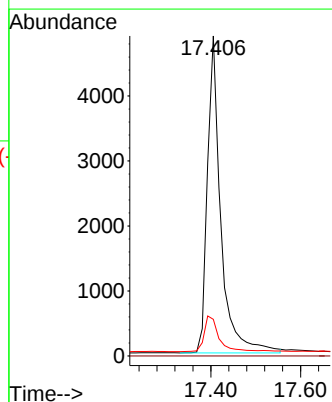
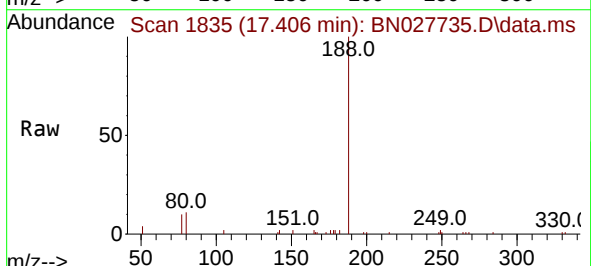
Tgt Ion:188 Resp: 10100

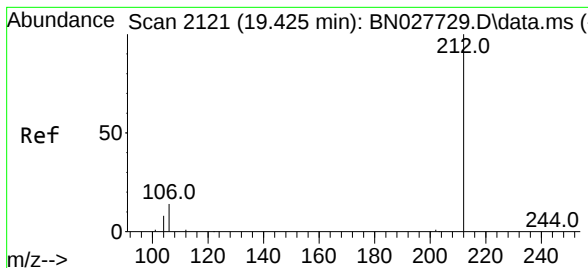
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 9.5 14.3





#27

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.425 min Scan# 2121

Delta R.T. 0.005 min

Lab File: BN027735.D

Acq: 18 Sep 2023 15:38

Instrument :

BNA_N

ClientSampleId :

PB155597BL

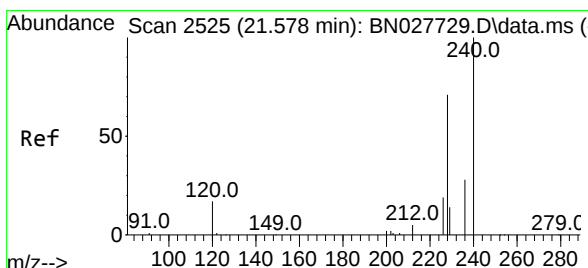
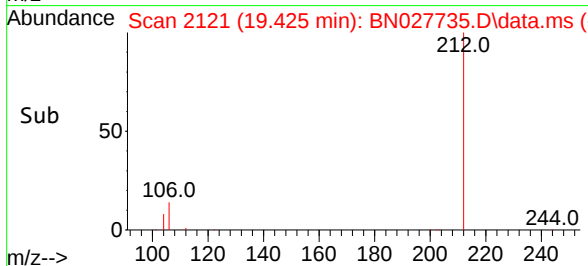
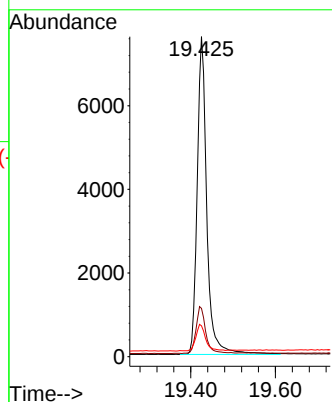
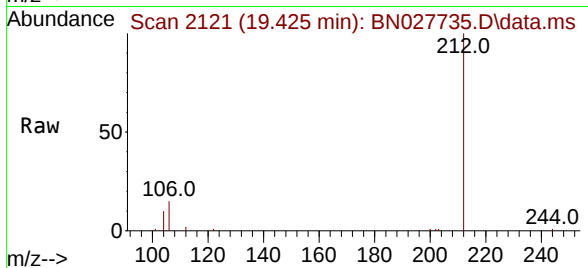
Tgt Ion:212 Resp: 11966

Ion Ratio Lower Upper

212 100

106 14.9 11.9 17.9

104 8.2 6.7 10.1



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 2526

Delta R.T. 0.009 min

Lab File: BN027735.D

Acq: 18 Sep 2023 15:38

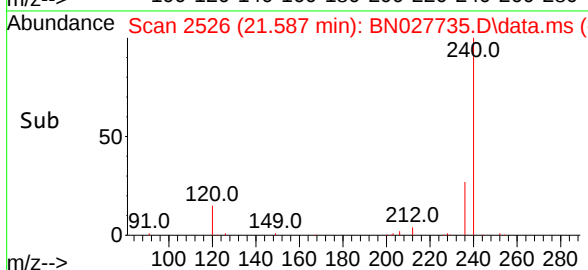
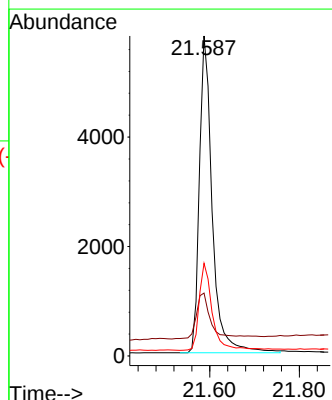
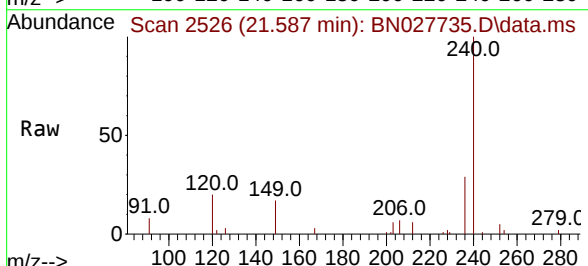
Tgt Ion:240 Resp: 11534

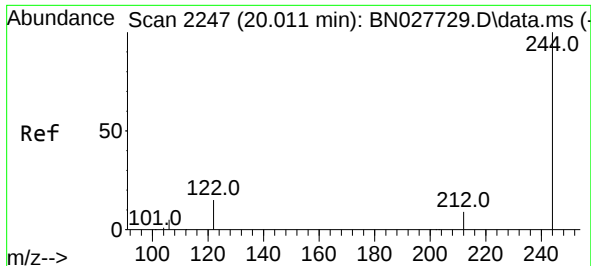
Ion Ratio Lower Upper

240 100

120 19.7 10.7 16.1#

236 28.9 22.4 33.6

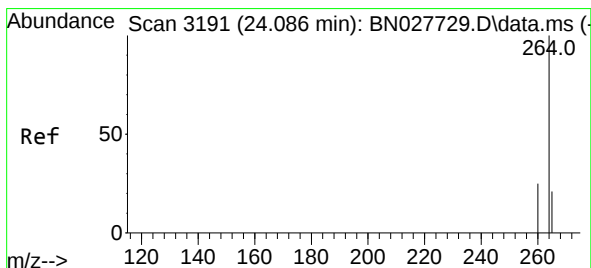
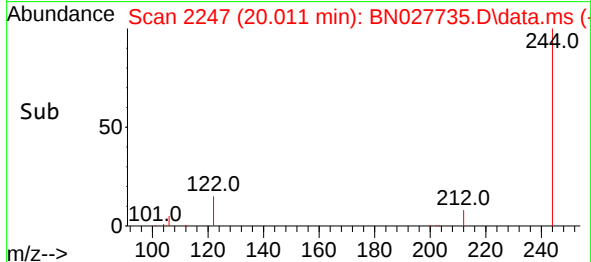
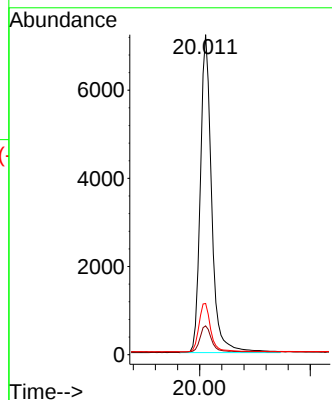
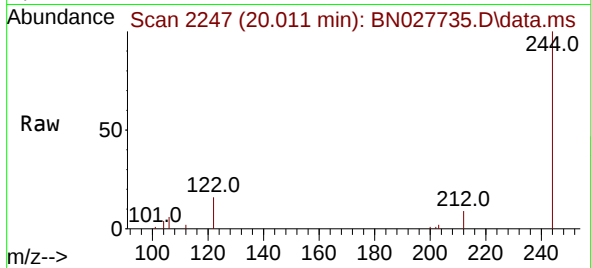




#31
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 20.011 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN027735.D
 Acq: 18 Sep 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :
 PB155597BL

Tgt Ion:244 Resp: 10249
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.4
 122 16.0 12.7 19.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.092 min Scan# 3193
 Delta R.T. 0.021 min
 Lab File: BN027735.D
 Acq: 18 Sep 2023 15:38

Tgt Ion:264 Resp: 11300
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.9 31.3
 265 88.2 56.6 85.0#

