

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
 Data File : BN005089.D
 Acq On : 04 Apr 2019 11:38
 Operator : JU/SJ
 Sample : K2224-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 033019-LIFT-E-D-S

Quant Time: Apr 04 16:10:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 14:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8542	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	35844	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	21989	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	51362	20.00	ng	0.00
76) Chrysene-d12	21.25	240	55701	20.00	ng	0.00
87) Perylene-d12	23.48	264	53864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	10349	20.95	ng	0.00
7) Phenol-d6	6.82	99	7824	11.94	ng	0.00
23) Nitrobenzene-d5	8.82	82	27939	47.15	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	16428	46.32	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	80665	48.61	ng	0.00
79) Terphenyl-d14	19.69	244	140761	48.65	ng	0.00

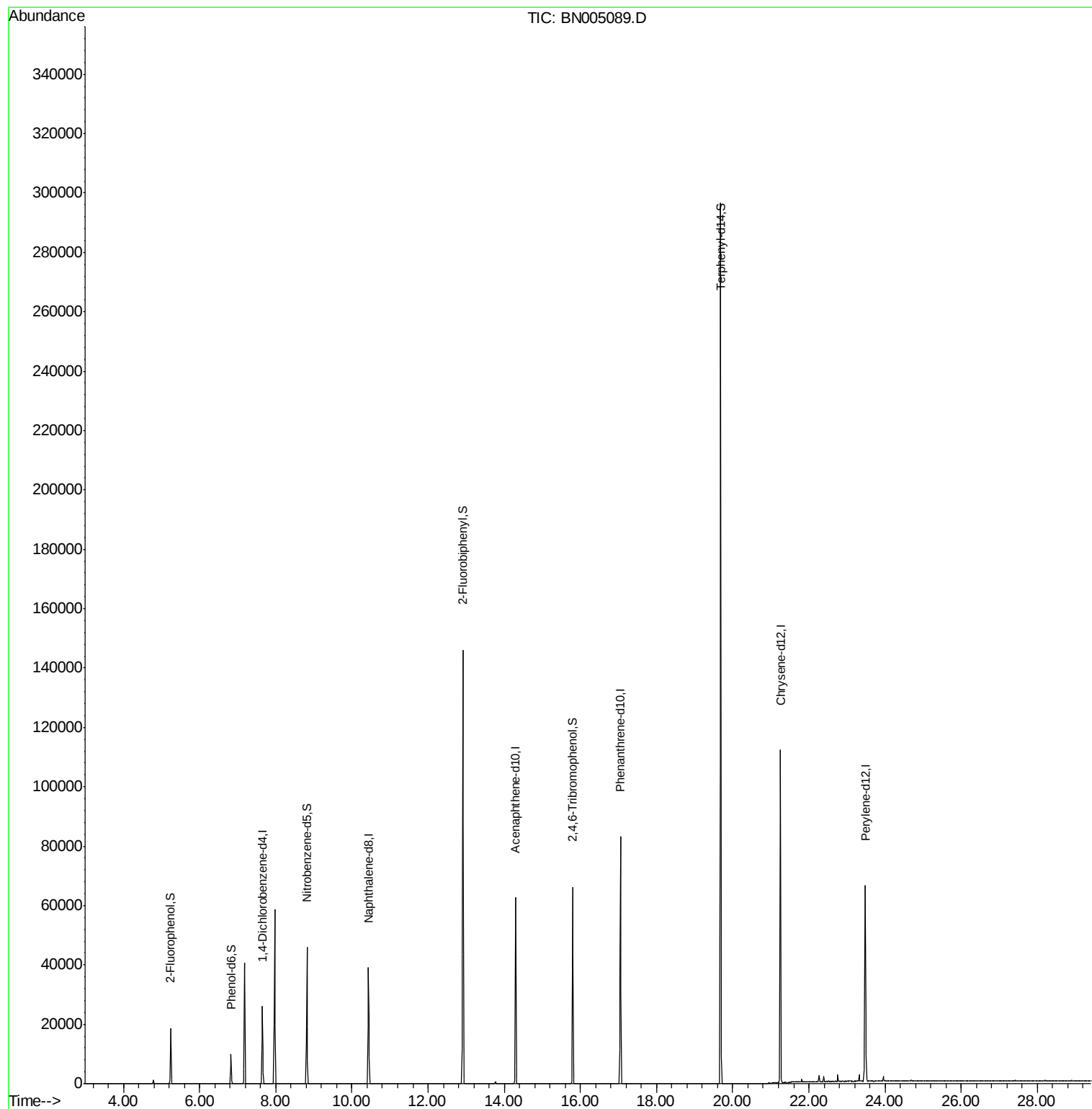
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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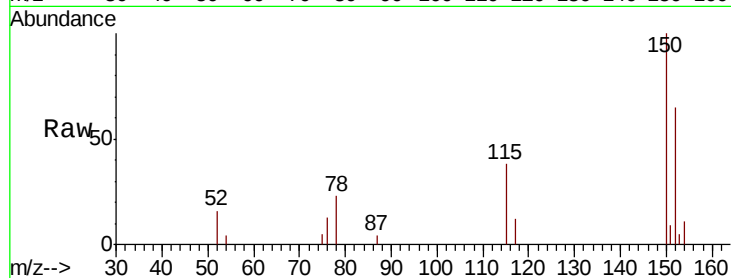


#1

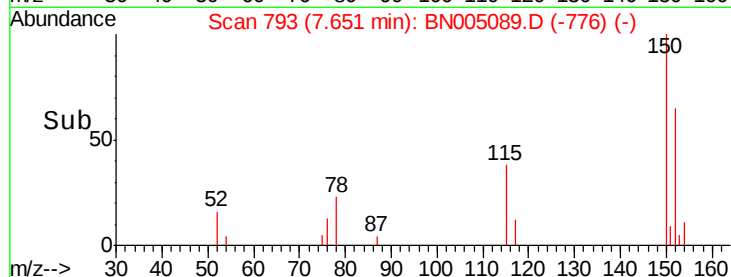
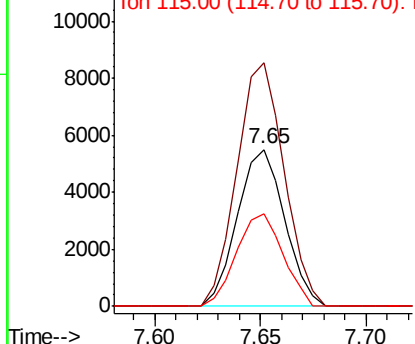
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.00 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Instrument :
BNA_N
ClientSampleId :
033019-LIFT-E-D-S

Tot Ion:152 Resp: 8542
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 59.1 47.9 71.9



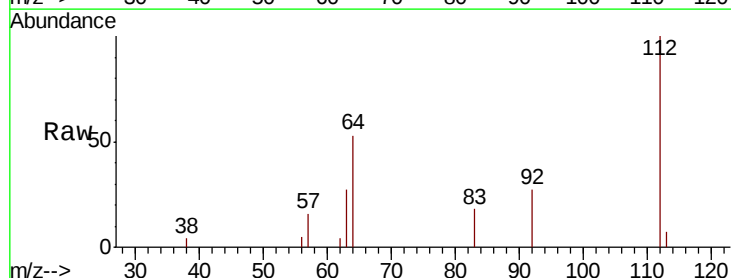
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



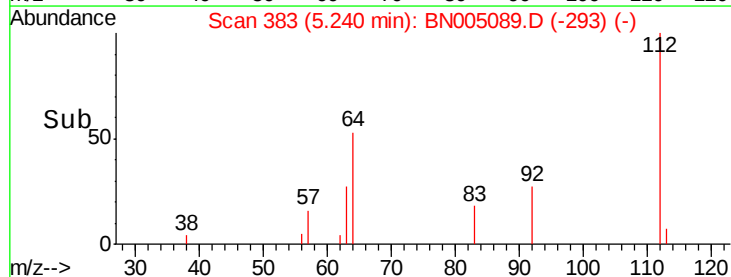
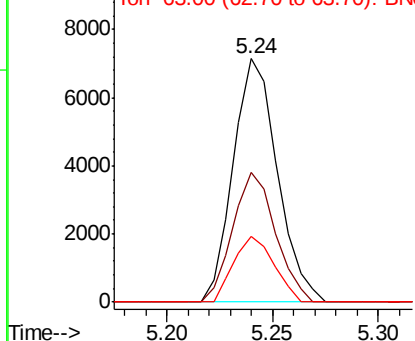
#5

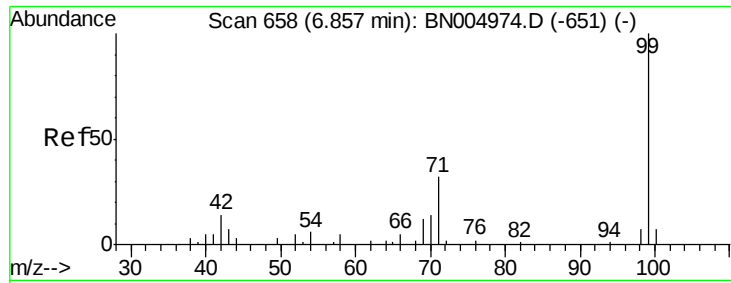
2-Fluorophenol
Concen: 20.946 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.00 min
Lab File: BN005089.D
Acq: 04 Apr 2019 11:38

Tgt Ion:112 Resp: 10349
Ion Ratio Lower Upper
112 100
64 53.4 41.2 61.8
63 27.0 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 11.939 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

033019-LIFT-E-D-S

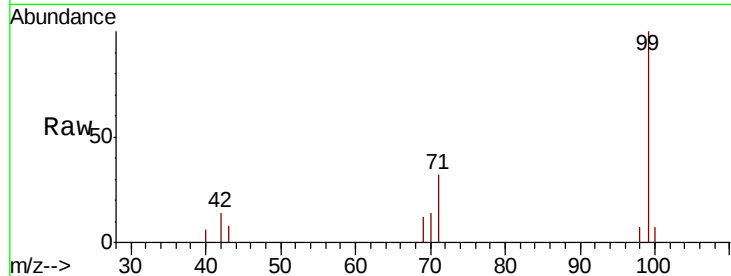
Tot Ion: 99 Resp: 7824

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

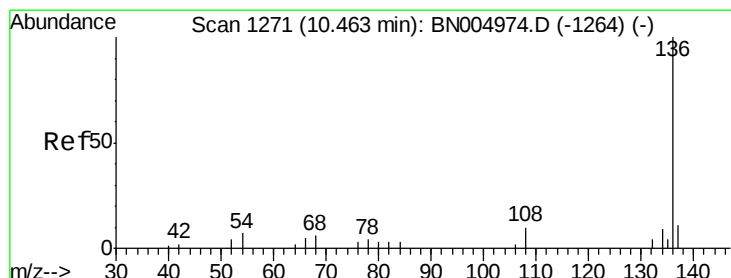
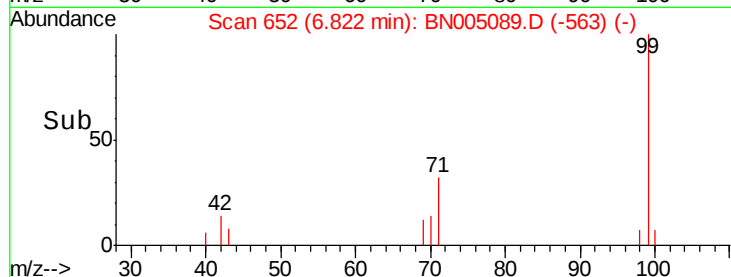
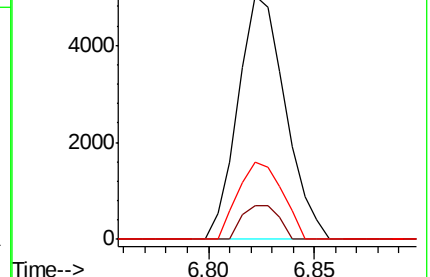
71 31.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Tgt Ion: 136 Resp: 35844

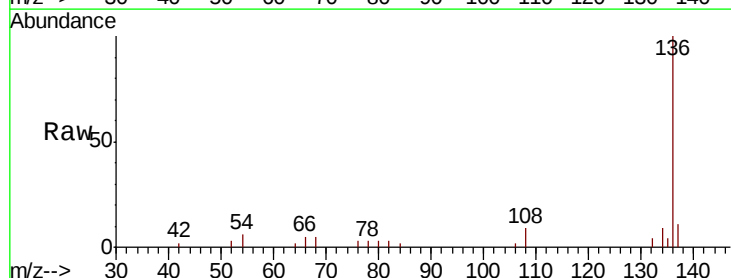
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.3 5.0 7.4

68 5.3 4.2 6.4

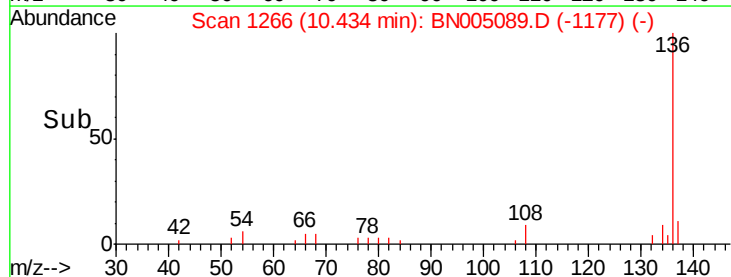
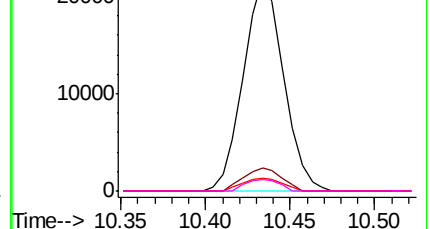


Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)

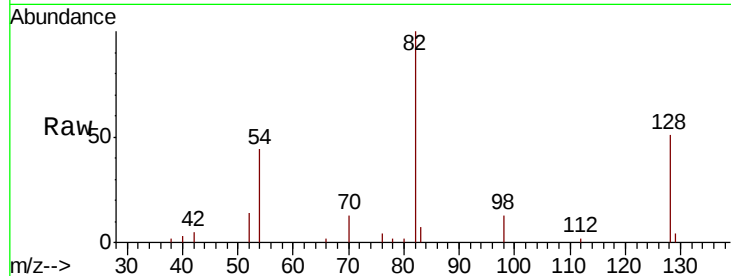




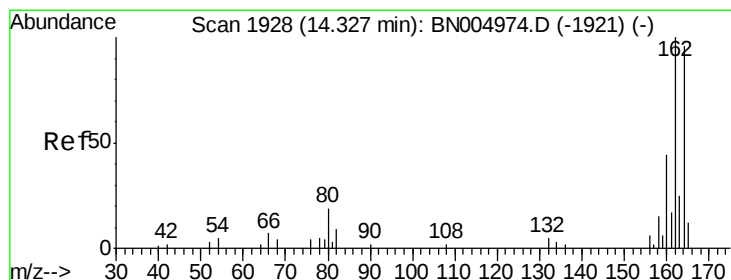
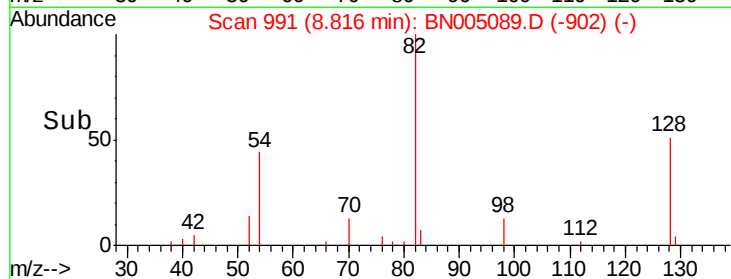
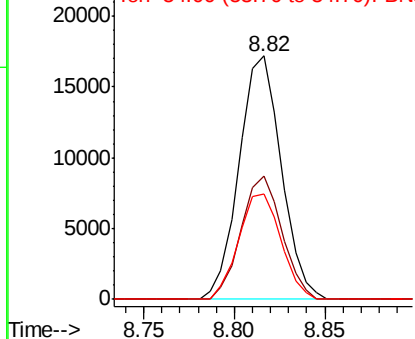
#23
 Nitrobenzene-d5
 Concen: 47.151 ng
 RT: 8.82 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BN005089.D
 Acq: 04 Apr 2019 11:38

Instrument :
 BNA_N
 ClientSampleId :
 033019-LIFT-E-D-S

Tot Ion	82.00	Resp	27939
Ion Ratio	Lower	Upper	
82	100		
128	50.5	40.6	60.8
54	43.5	34.4	51.6

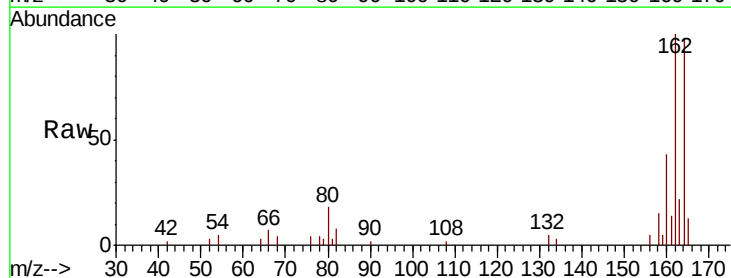


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

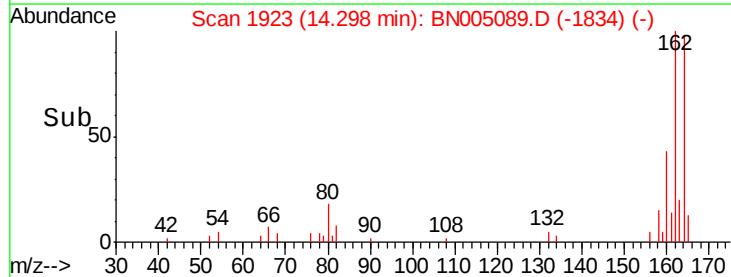
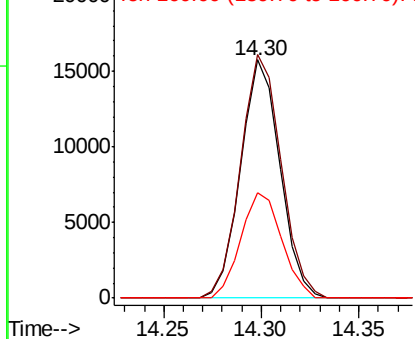


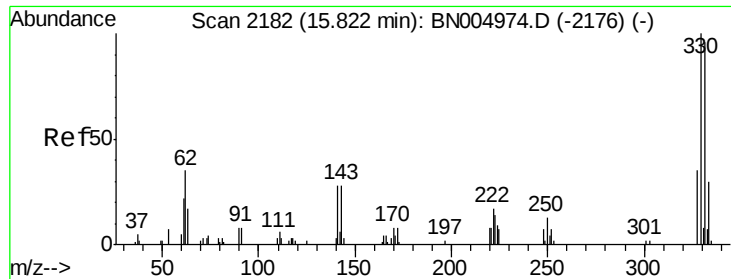
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN005089.D
 Acq: 04 Apr 2019 11:38

Tgt Ion	164.00	Resp	21989
Ion Ratio	Lower	Upper	
164	100		
162	102.3	83.8	125.6
160	44.0	36.0	54.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 46.323 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

033019-LIFT-E-D-S

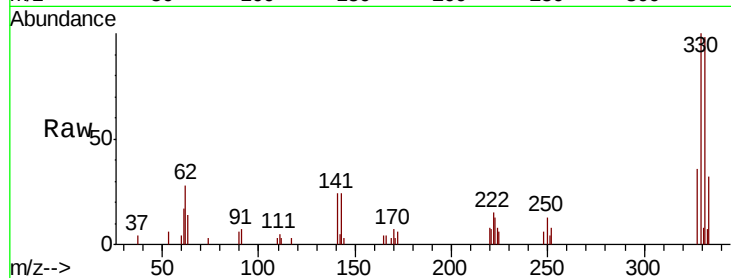
Tot Ion:330 Resp: 16428

Ion Ratio Lower Upper

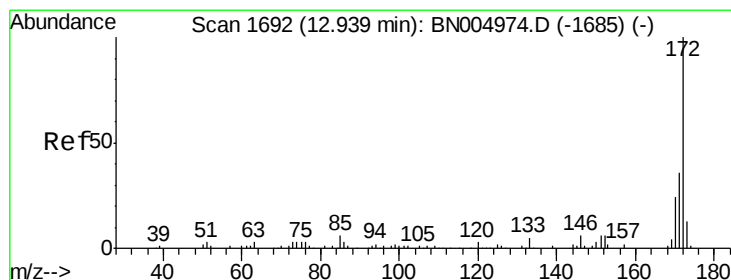
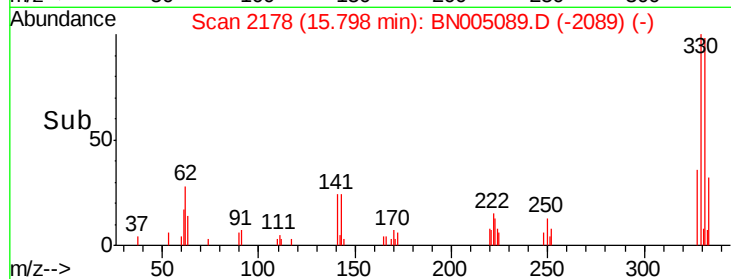
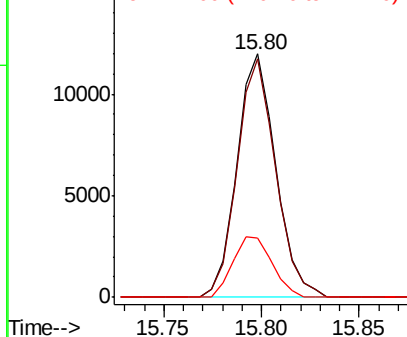
330 100

332 97.4 77.4 116.2

141 25.4 20.3 30.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 48.611 ng

RT: 12.91 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

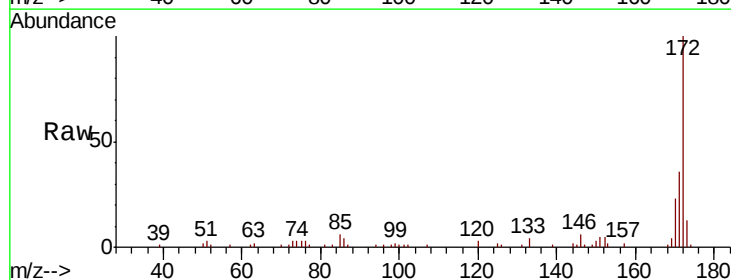
Tgt Ion:172 Resp: 80665

Ion Ratio Lower Upper

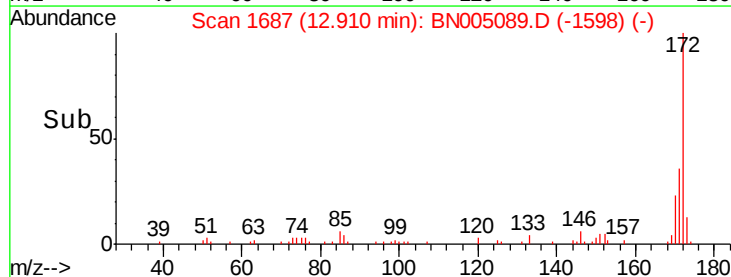
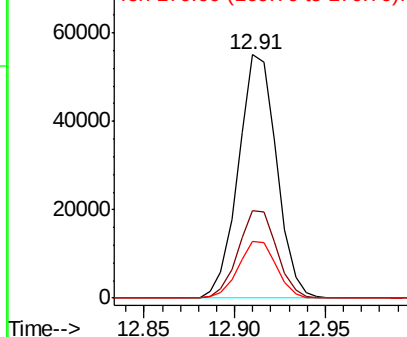
172 100

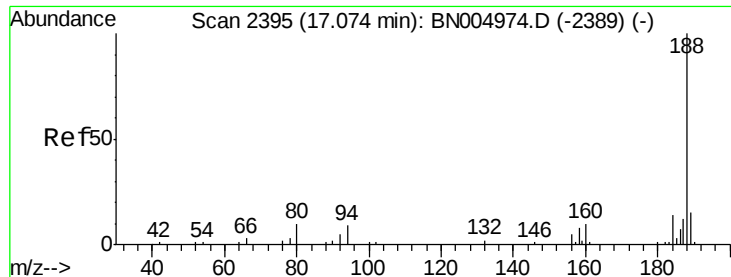
171 36.0 28.7 43.1

170 23.1 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Instrument :

BNA_N

ClientSampleId :

033019-LIFT-E-D-S

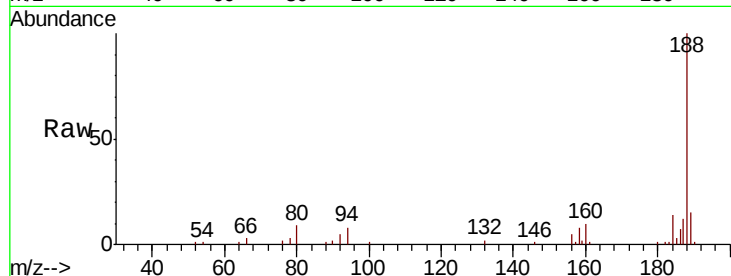
Tot Ion:188 Resp: 51362

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

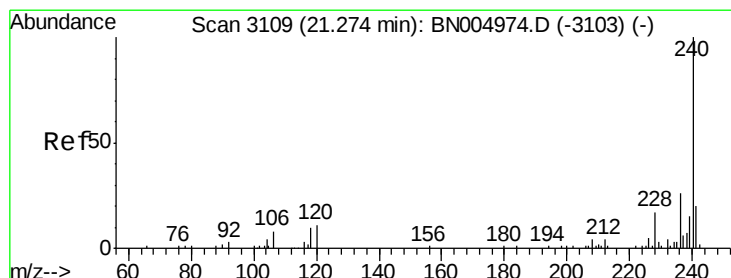
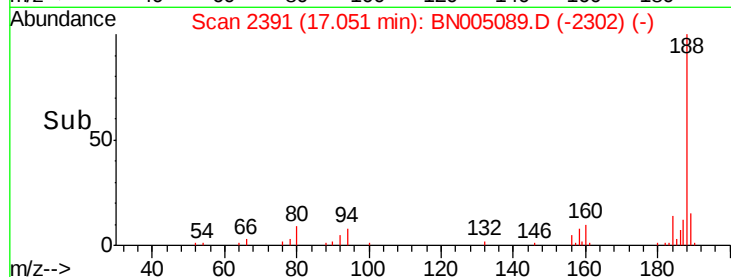
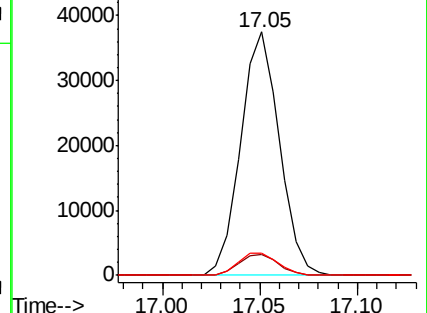
80 9.1 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

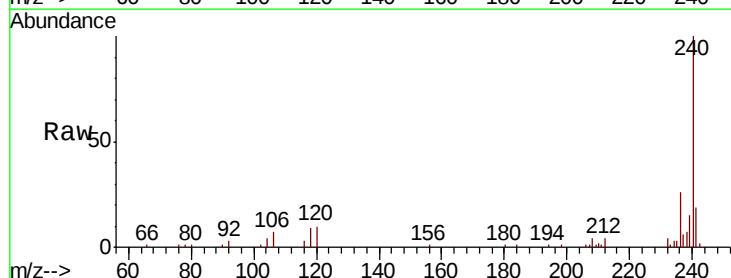
Tgt Ion:240 Resp: 55701

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

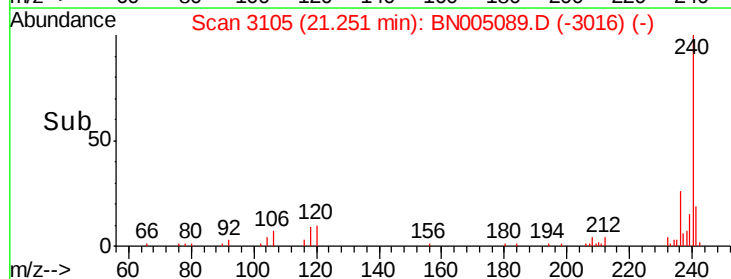
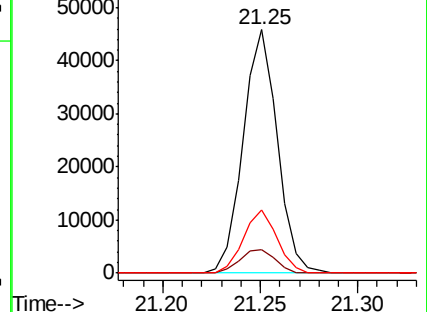
236 25.8 20.4 30.6

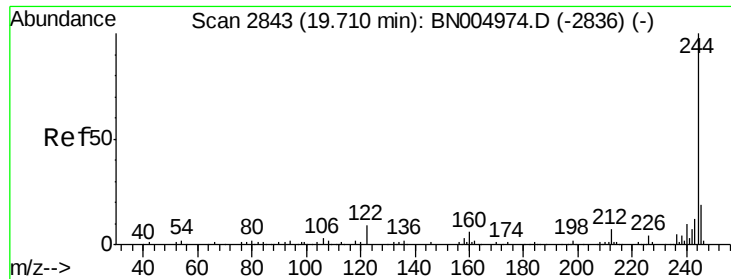


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 48.653 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

Instrument :

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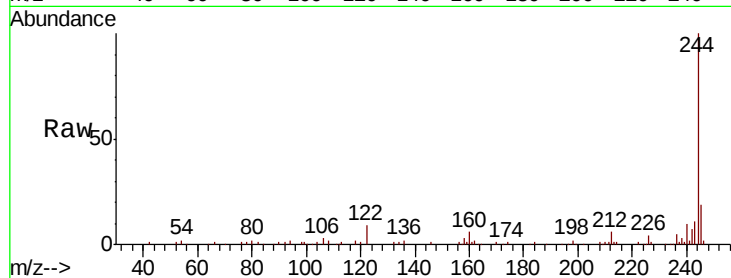
Tot Ion:244 Resp: 140761

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

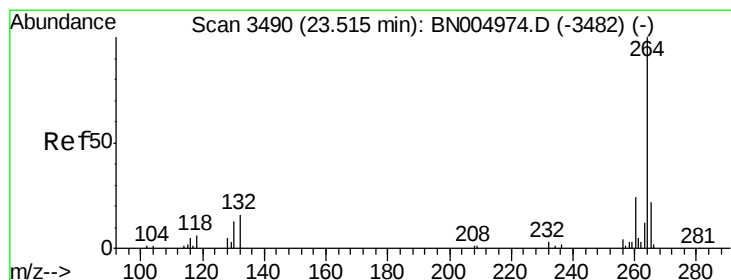
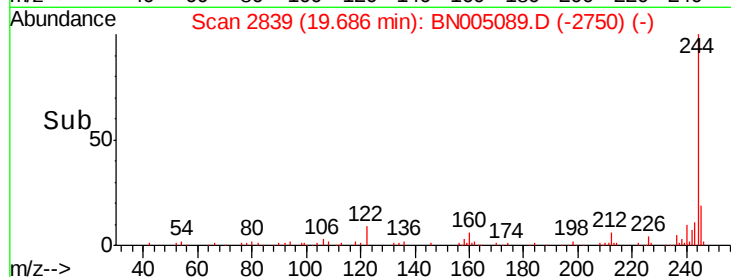
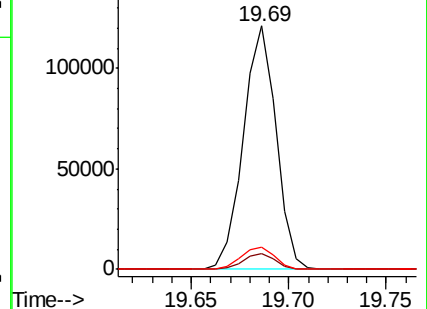
122 9.0 7.8 11.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BN005089.D

Acq: 04 Apr 2019 11:38

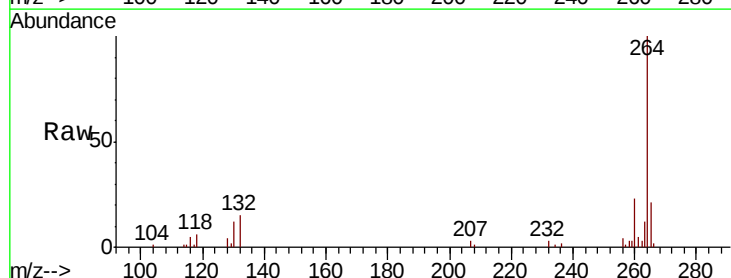
Tgt Ion:264 Resp: 53864

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

