Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF134999.D
Acq On : 30 Aug 2023 11:33
Operator : CG\JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 31 02:49:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 02:45:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	150820	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	621715	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	325118	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	626111	20.000	ng	0.00
76) Chrysene-d12	13.957	240	464469	20.000	ng	0.00
86) Perylene-d12	15.427	264	401755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.175	70	21967	3.039	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
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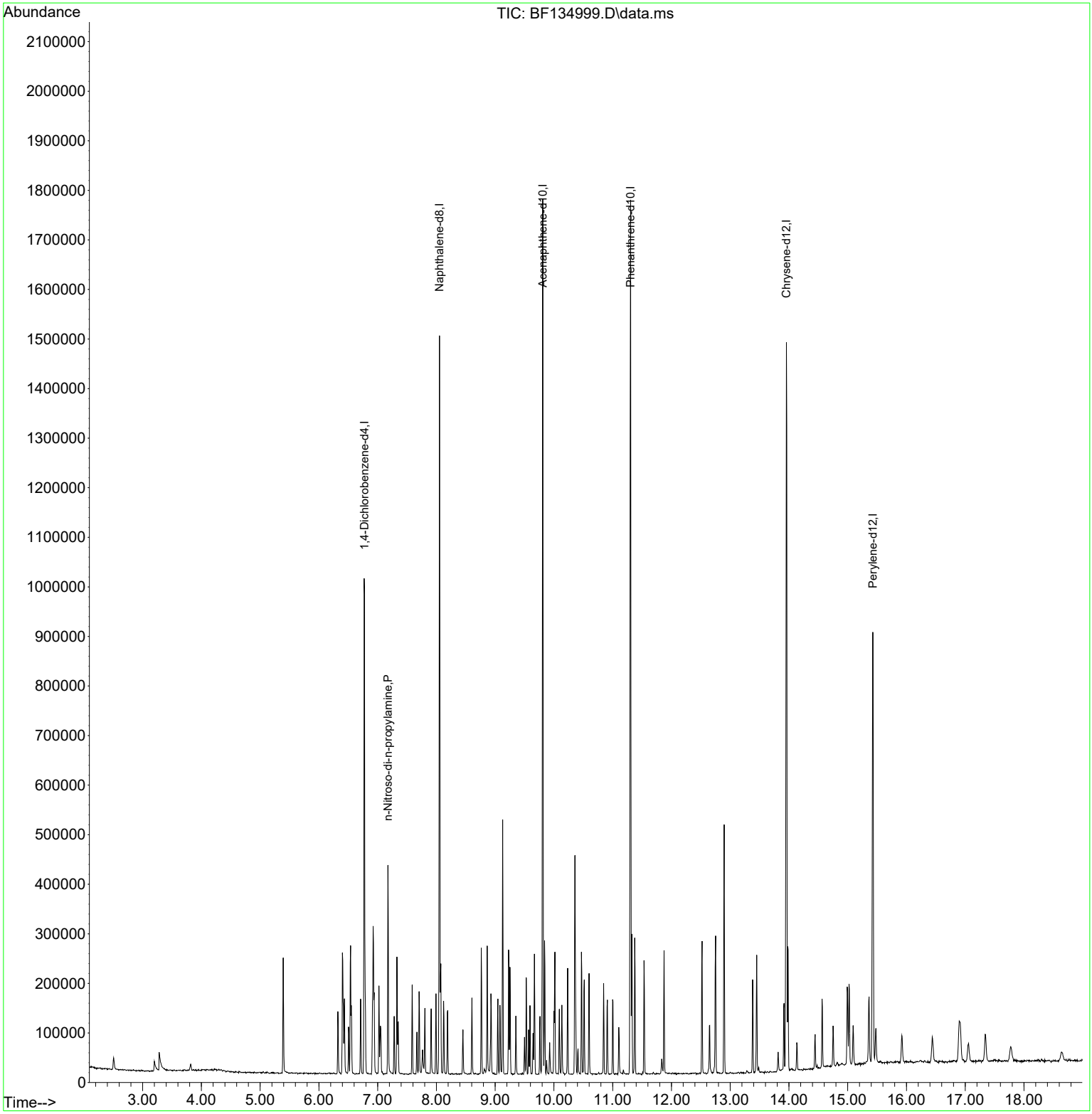
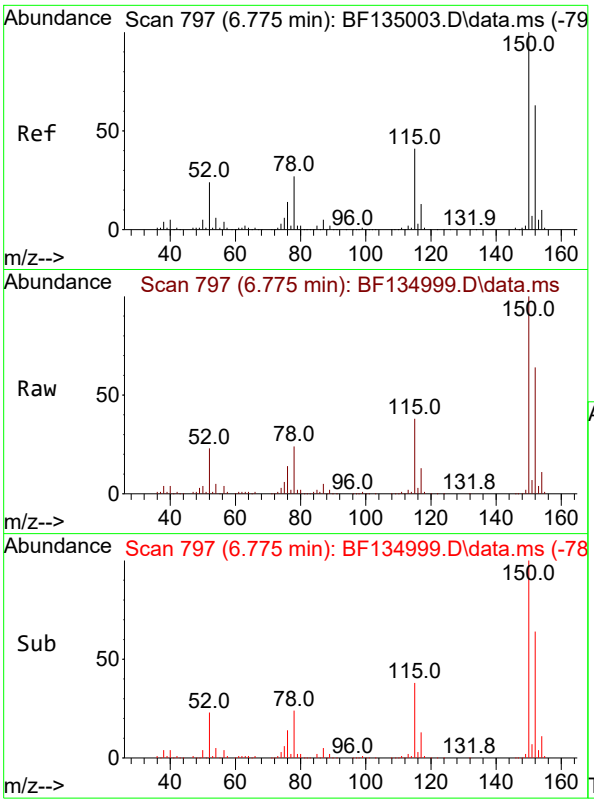


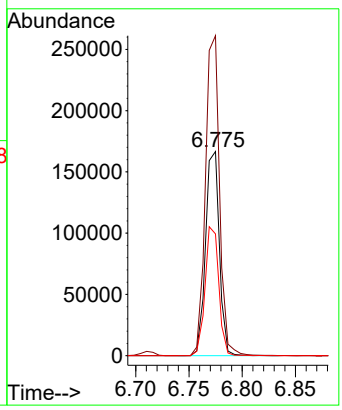


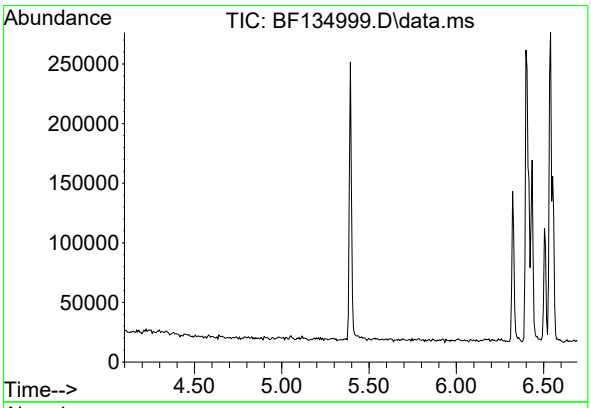
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 150820

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.4
115	59.6	51.2	76.8



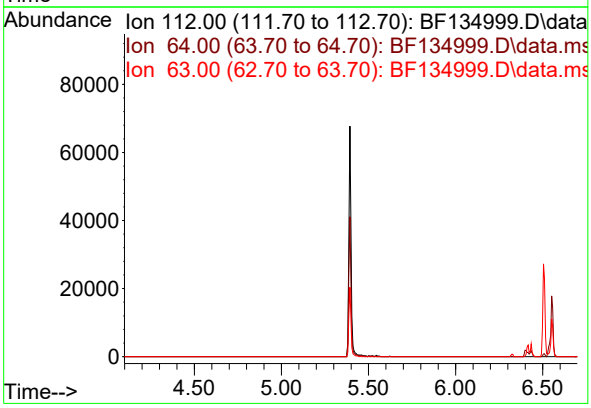


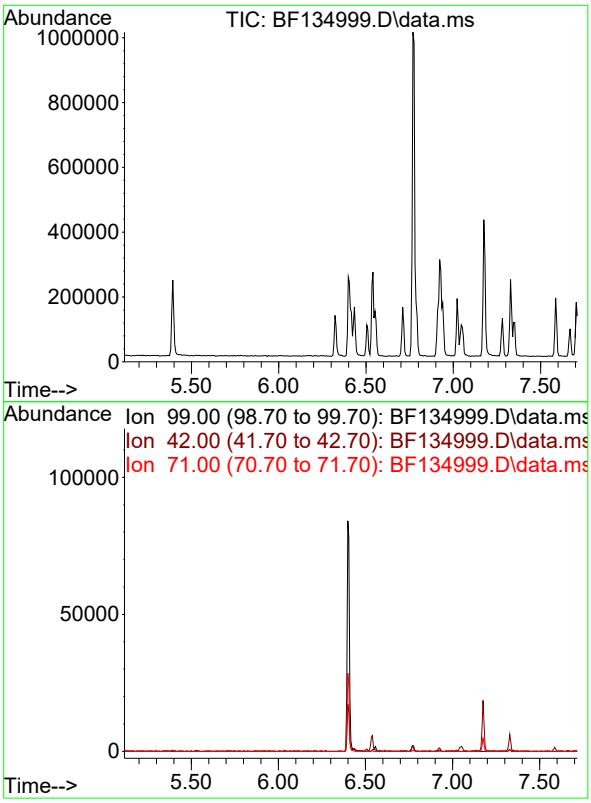
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.40 min

Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	63.1
63	32.4





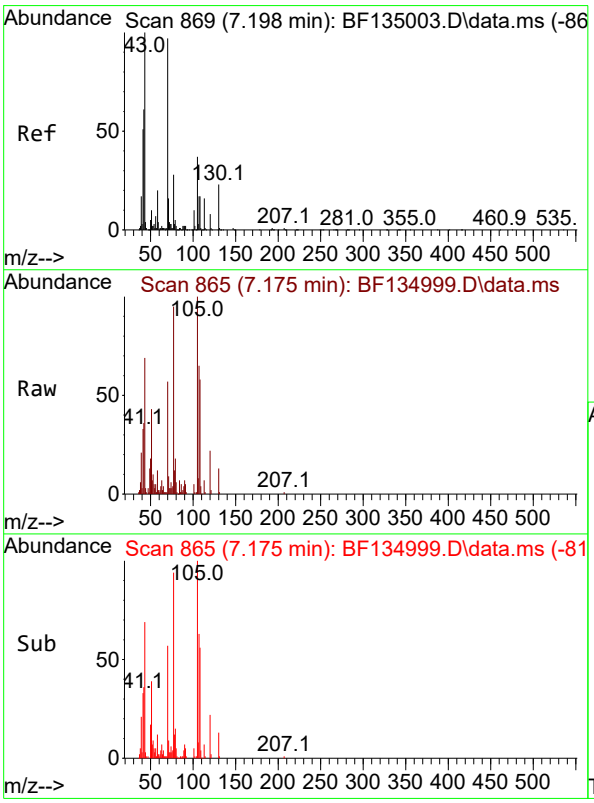
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.42 min

Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

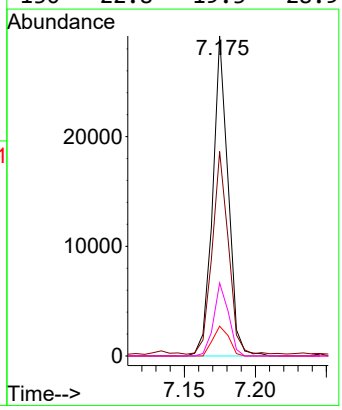
Sig	Exp Ratio
99	100
42	20.8
71	33.8

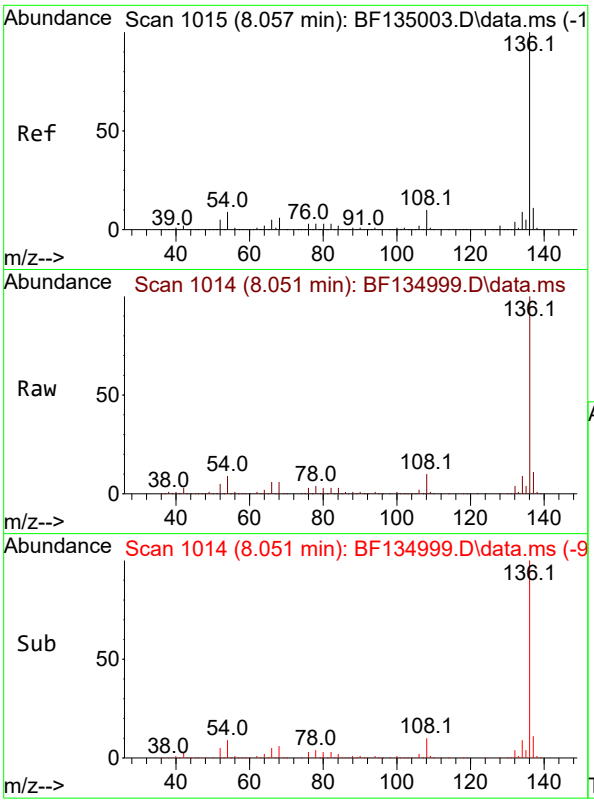


#19
n-Nitroso-di-n-propylamine
Concen: 3.039 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.023 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Tgt Ion: 70 Resp: 21967

Ion	Ratio	Lower	Upper
70	100		
42	63.9	50.2	75.4
101	9.3	8.1	12.1
130	22.8	19.3	28.9



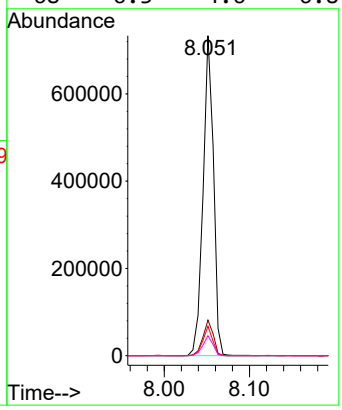


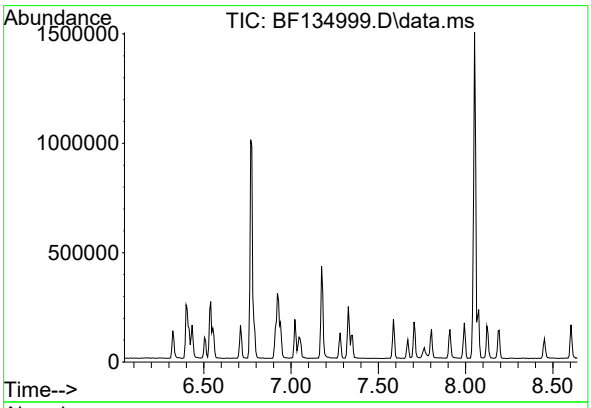
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 621715

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	7.0	10.4
68	6.3	4.6	6.8



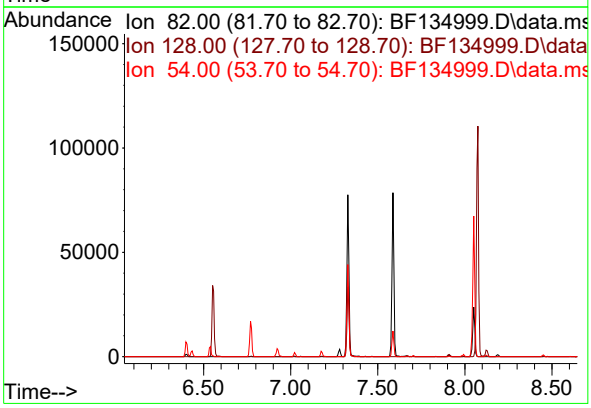


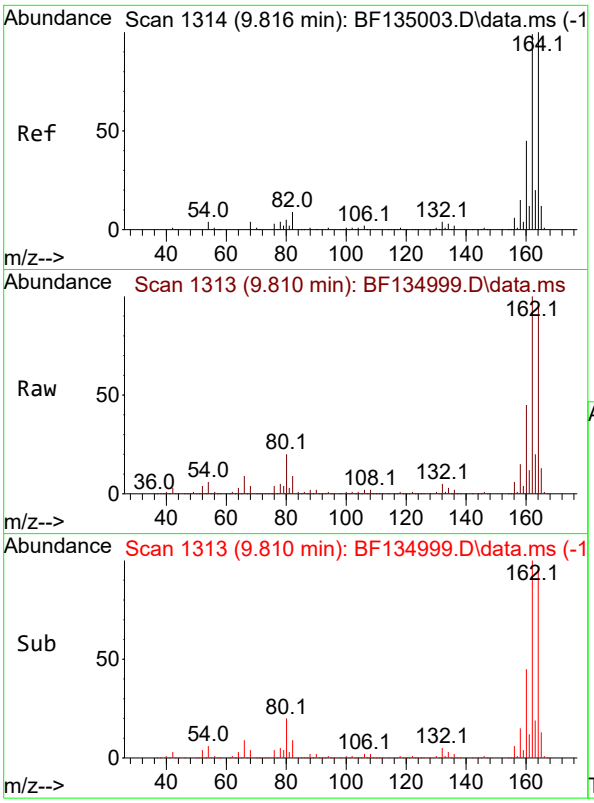
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.35 min

Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.3
54	56.3



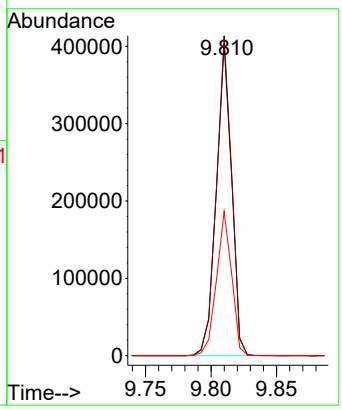


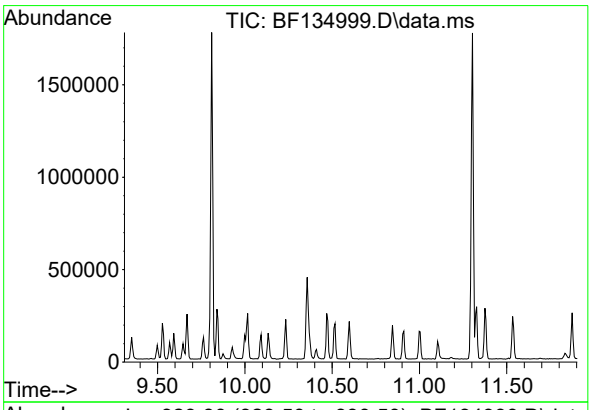
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 325118

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.5	119.3
160	46.3	36.0	54.0



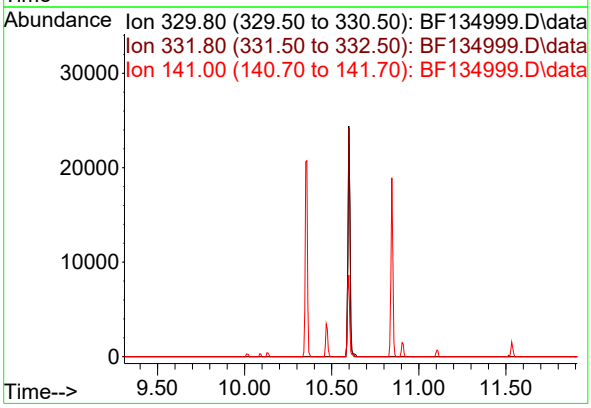


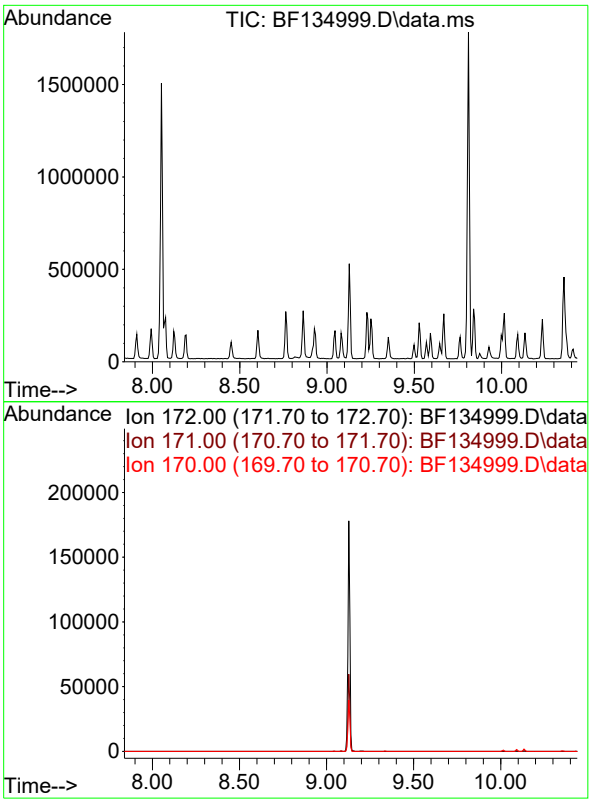
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.61 min

Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	32.9





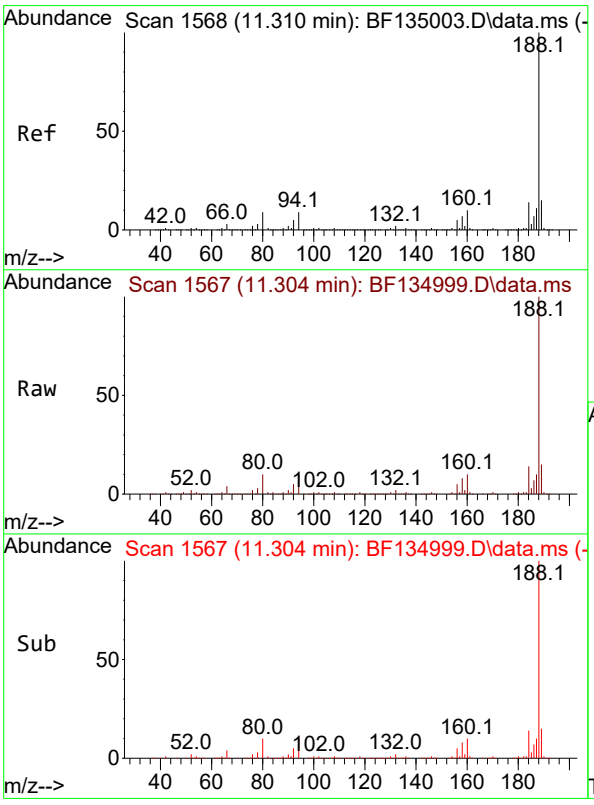
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.14 min

Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

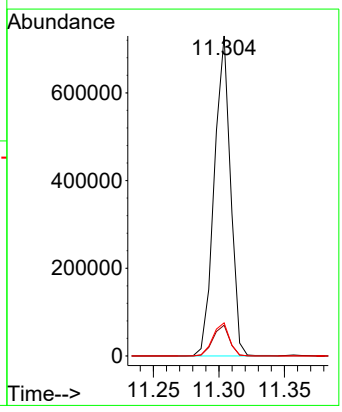
Sig	Exp Ratio
172	100
171	35.2
170	23.7

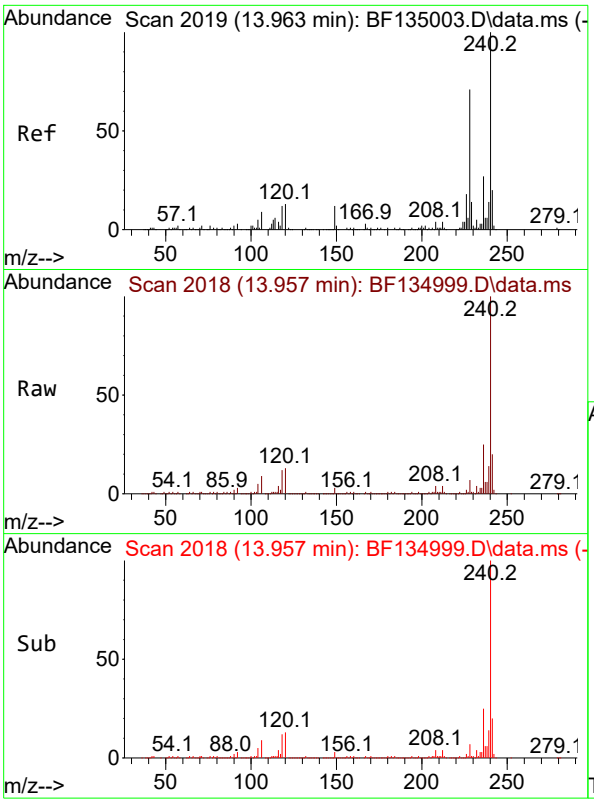


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Tgt Ion:188 Resp: 626111

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.4	7.4	11.2



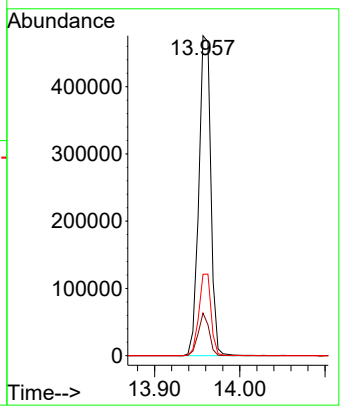


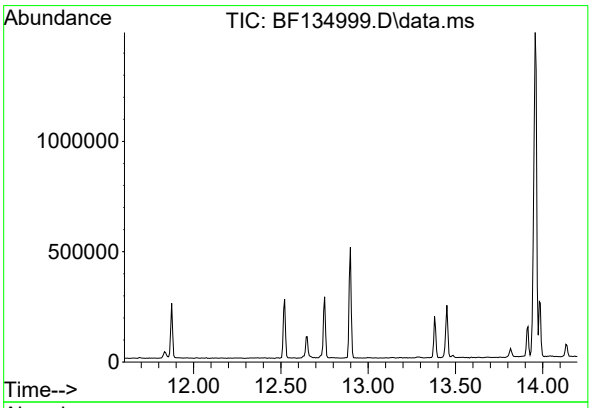
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 464469

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.2	15.2
236	25.5	21.3	31.9



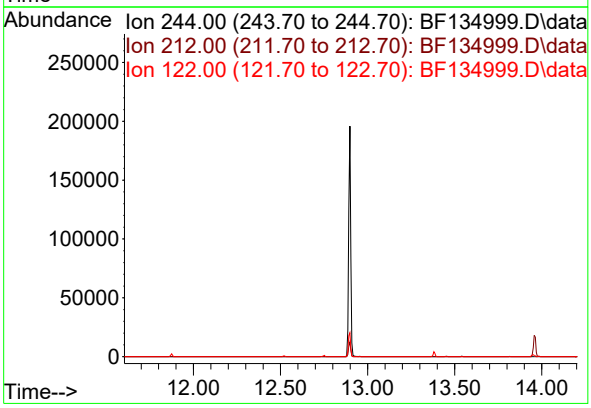


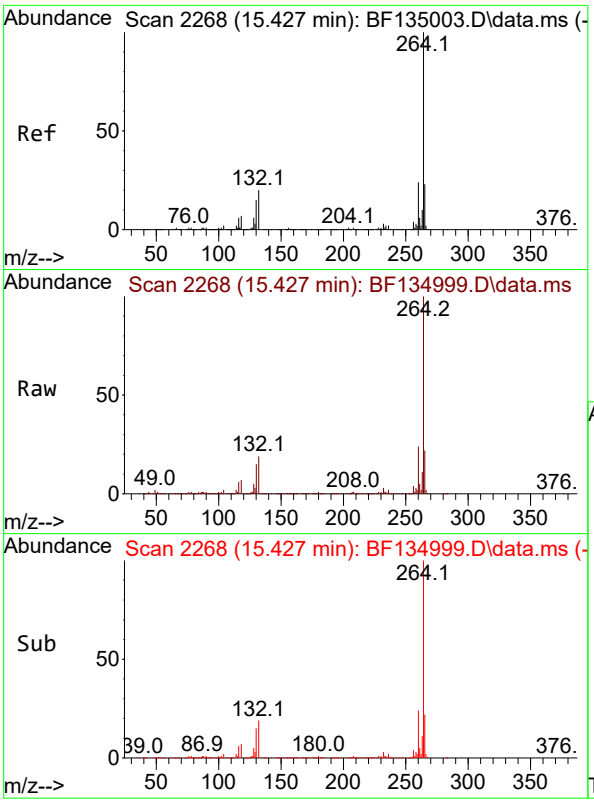
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.90 min

Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Tgt Ion: 244

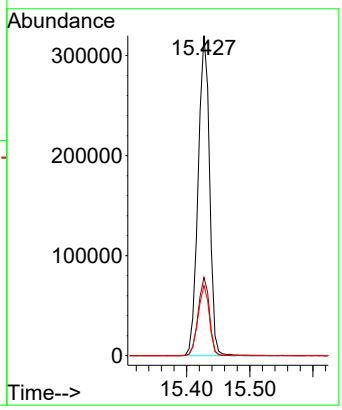
Sig	Exp Ratio
244	100
212	7.0
122	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF134999.D
Acq: 30 Aug 2023 11:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 401755

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.9	18.2	27.2