Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101413.D
Acq On : 29 Oct 2024 18:40
Operator : RC/JU
Sample : PB164369BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Quant Time: Oct 30 00:26:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	120768	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	508333	20.000	ng	0.00
39) Acenaphthene-d10	14.175	164	326187	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	758793	20.000	ng	0.00
76) Chrysene-d12	21.073	240	995039	20.000	ng	0.00
86) Perylene-d12	23.359	264	1362650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.321	112	1089923	158.177	ng	0.00
7) Phenol-d6	6.948	99	1356603	141.987	ng	0.00
23) Nitrobenzene-d5	8.782	82	781766	96.594	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	797601	139.514	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	1979540	102.776	ng	0.00
79) Terphenyl-d14	19.510	244	3788985	87.640	ng	0.00
Target Compounds						Qvalue

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

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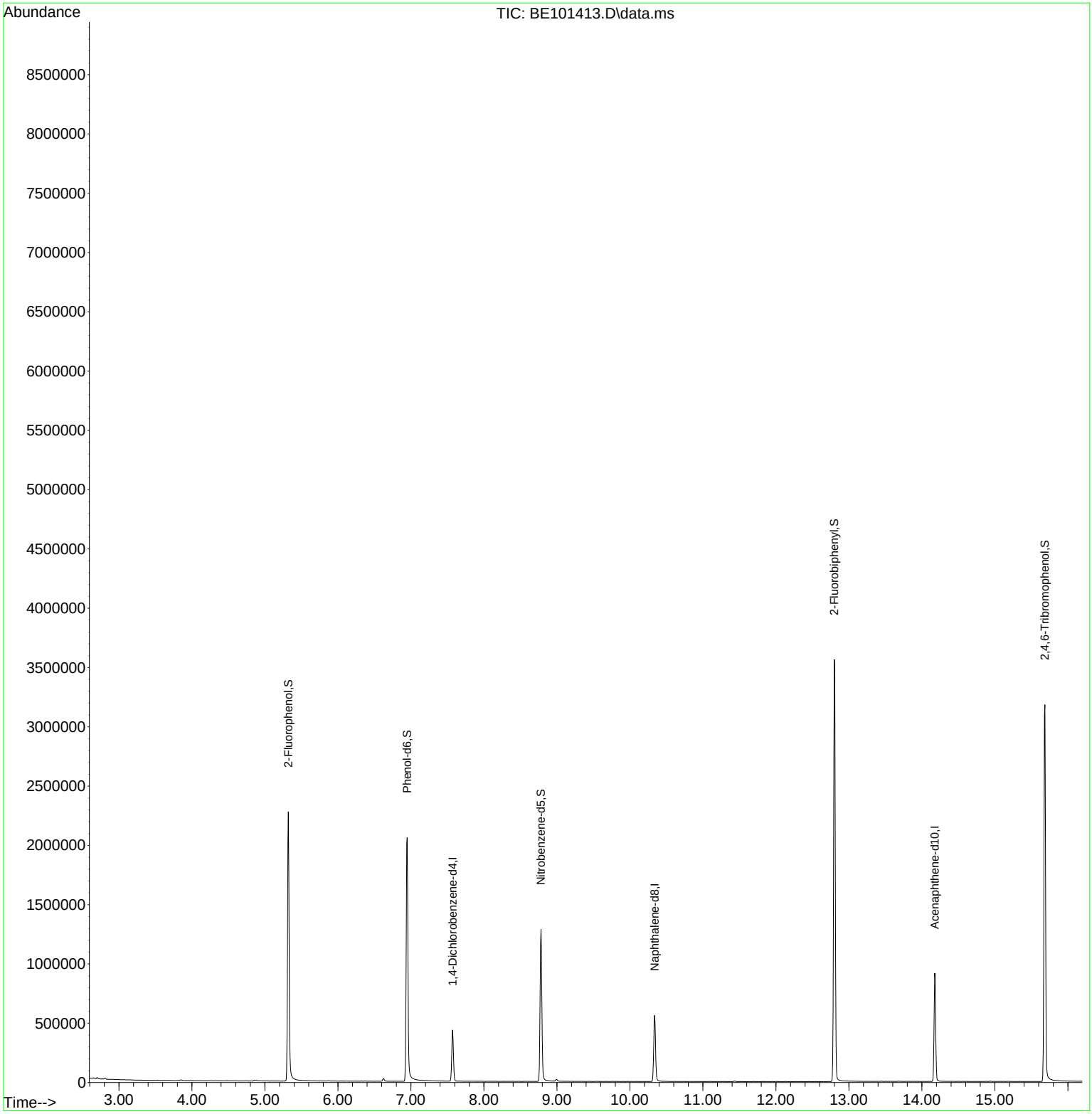

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
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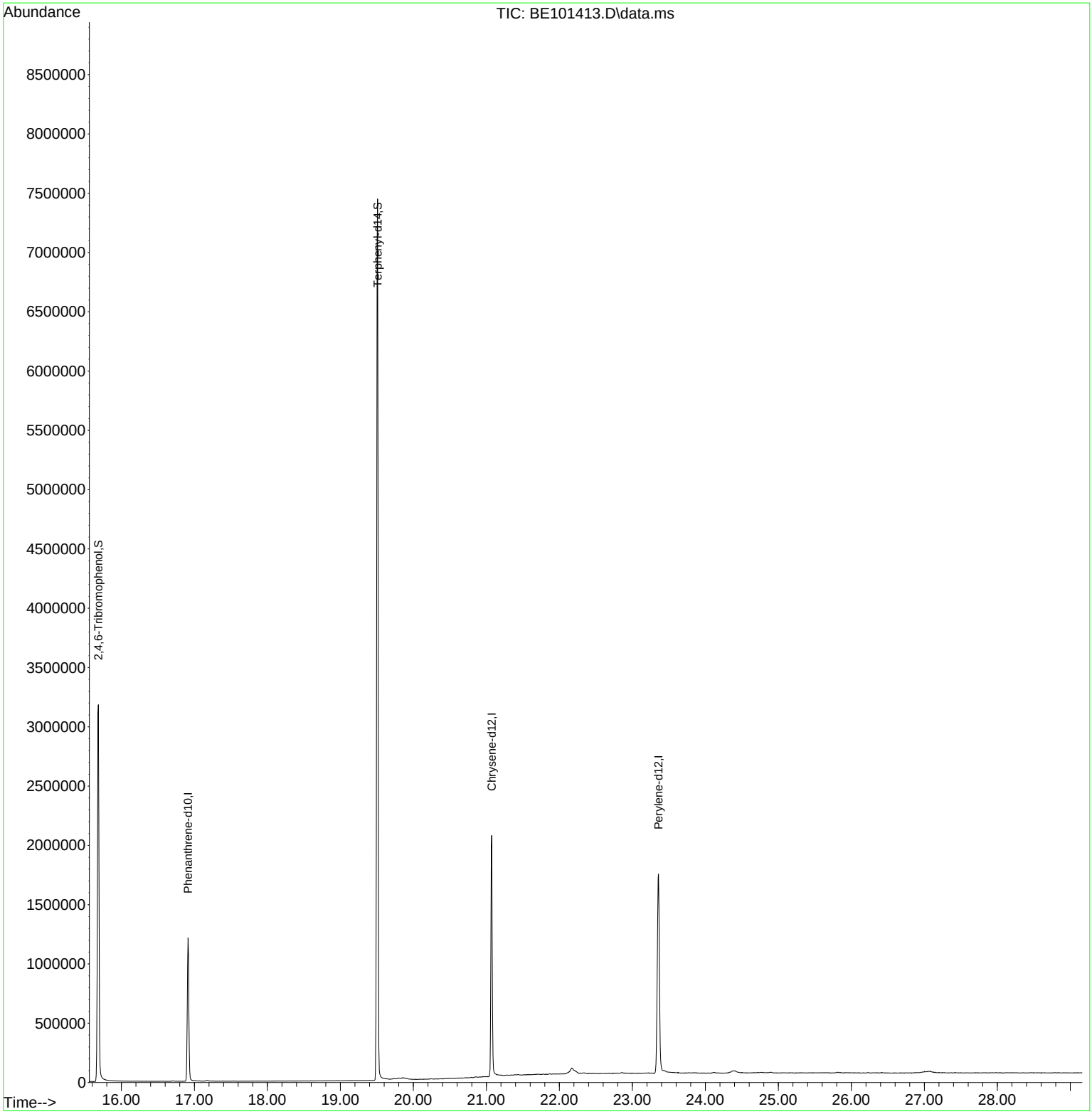
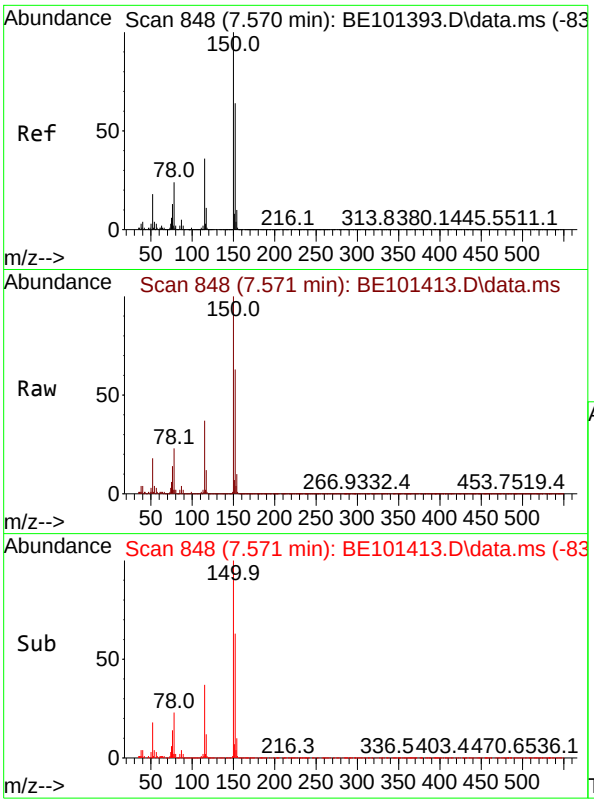


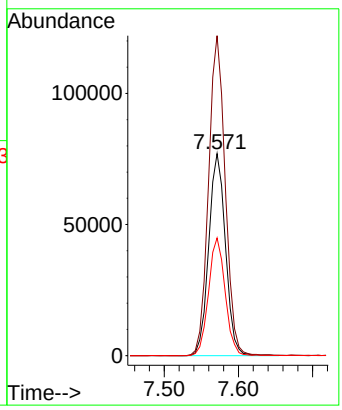


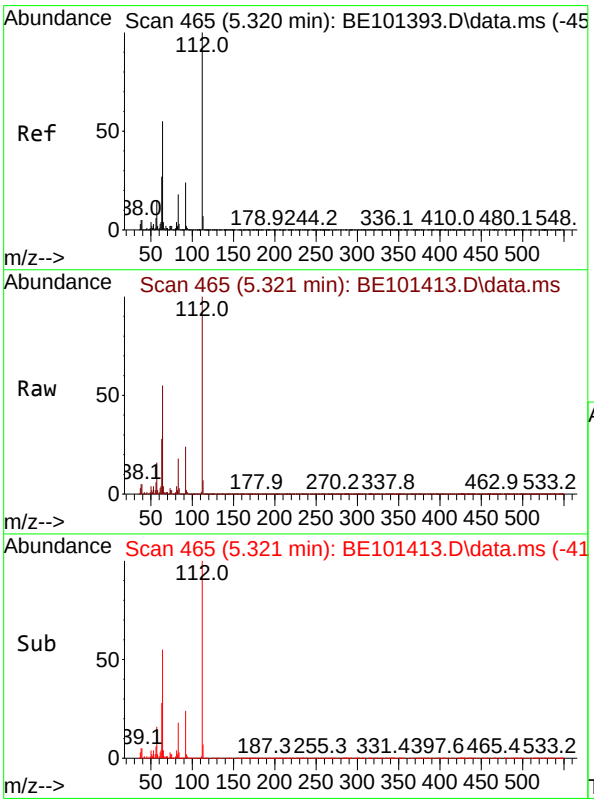
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Tgt Ion:152 Resp: 120768

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.2	186.4
115	58.3	45.3	67.9

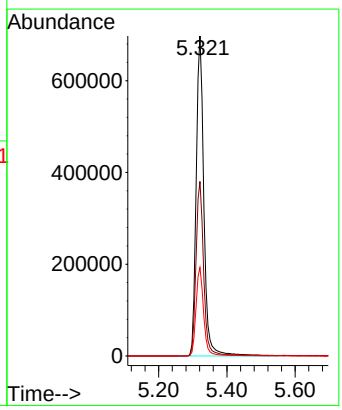


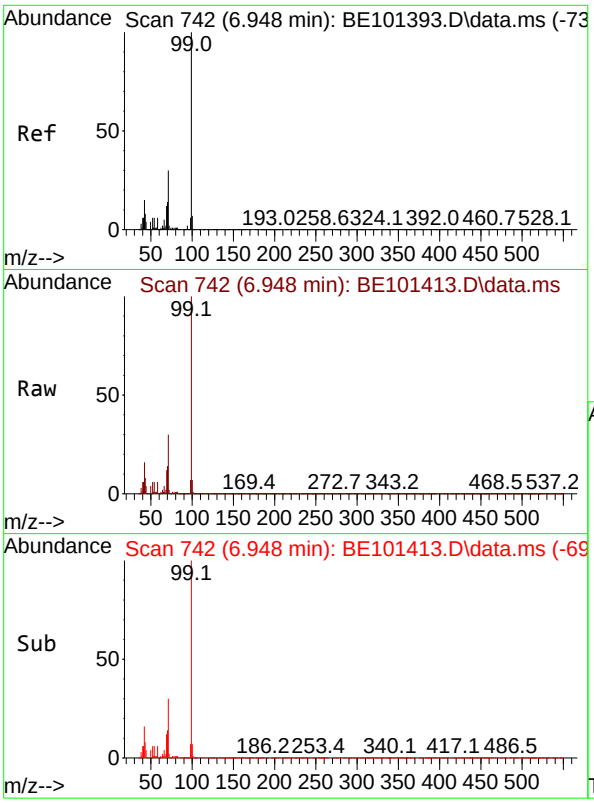


#5
2-Fluorophenol
Concen: 158.177 ng
RT: 5.321 min Scan# 465
Delta R.T. 0.001 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Tgt Ion:112 Resp: 1089923

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.7	65.5
63	27.6	21.4	32.2



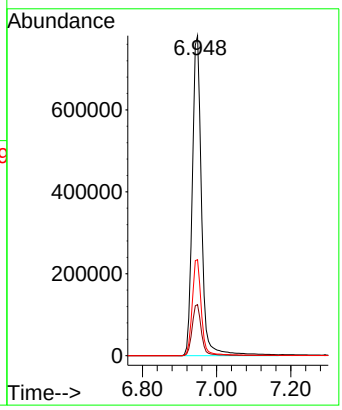


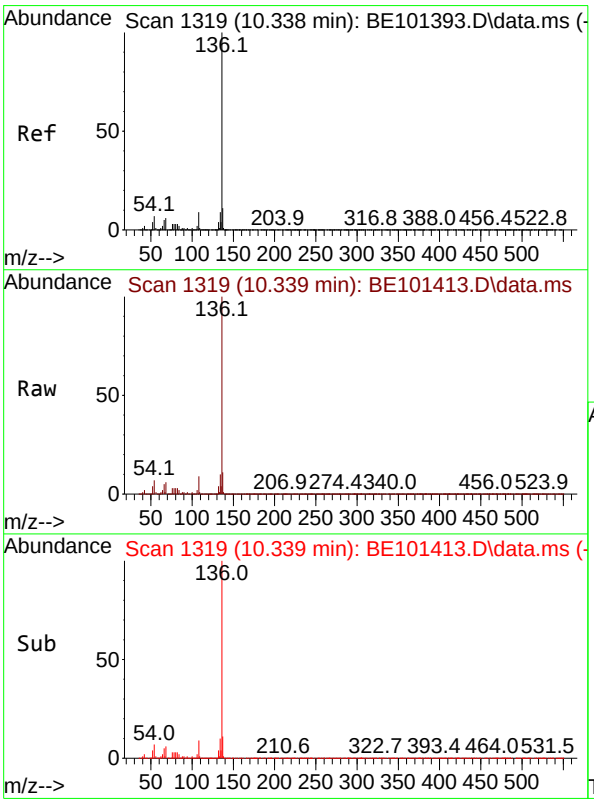
#7
Phenol-d6
Concen: 141.987 ng
RT: 6.948 min Scan# 74
Delta R.T. 0.001 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Tgt Ion: 99 Resp: 1356603

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.3	18.5
71	30.0	23.8	35.8

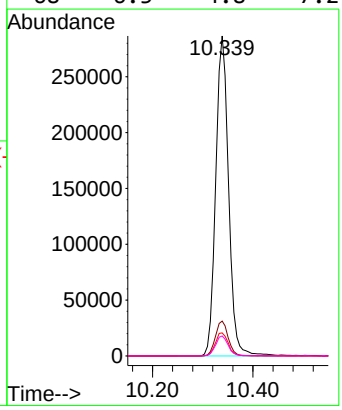


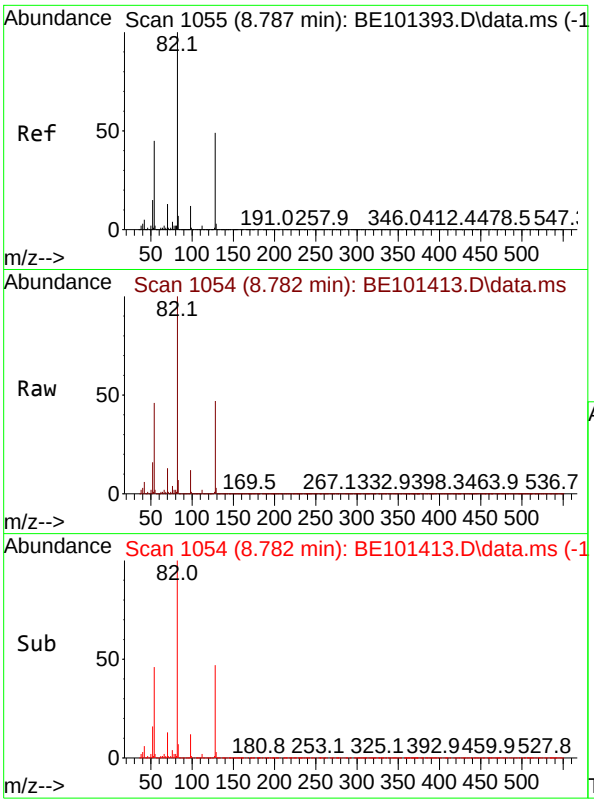


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Tgt Ion:136 Resp: 508333

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.2	5.9	8.9
68	6.3	4.8	7.2



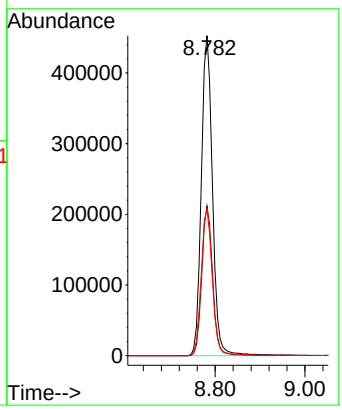


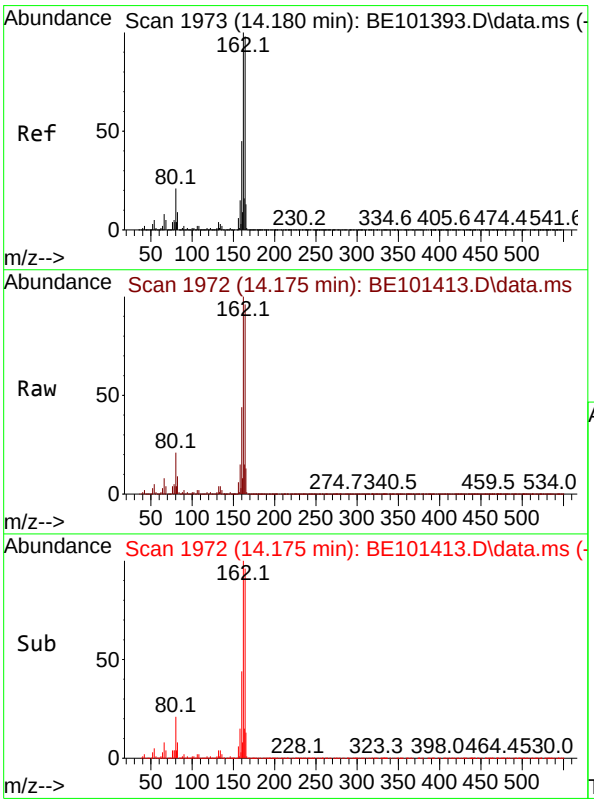
#23
Nitrobenzene-d5
Concen: 96.594 ng
RT: 8.782 min Scan# 1
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Tgt Ion: 82 Resp: 781766

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.9	58.3
54	45.8	36.2	54.4

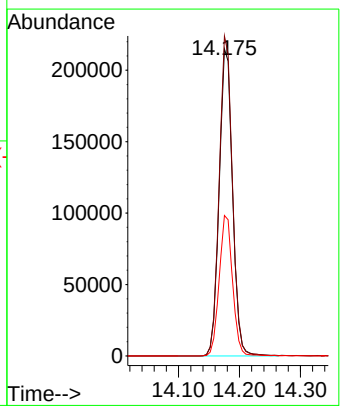


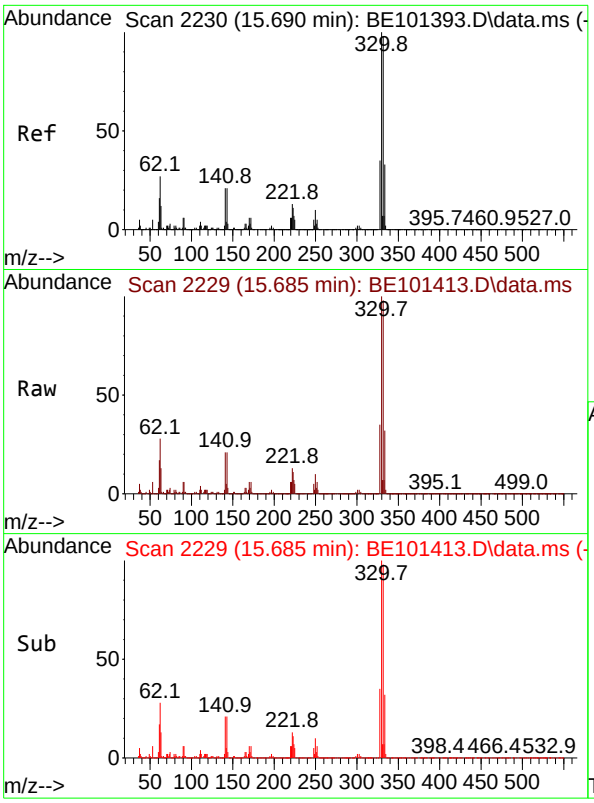


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Tgt Ion:164 Resp: 326187

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	45.7	36.4	54.6



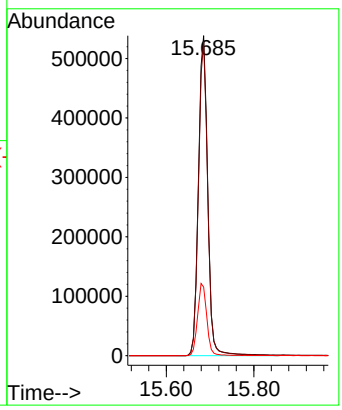


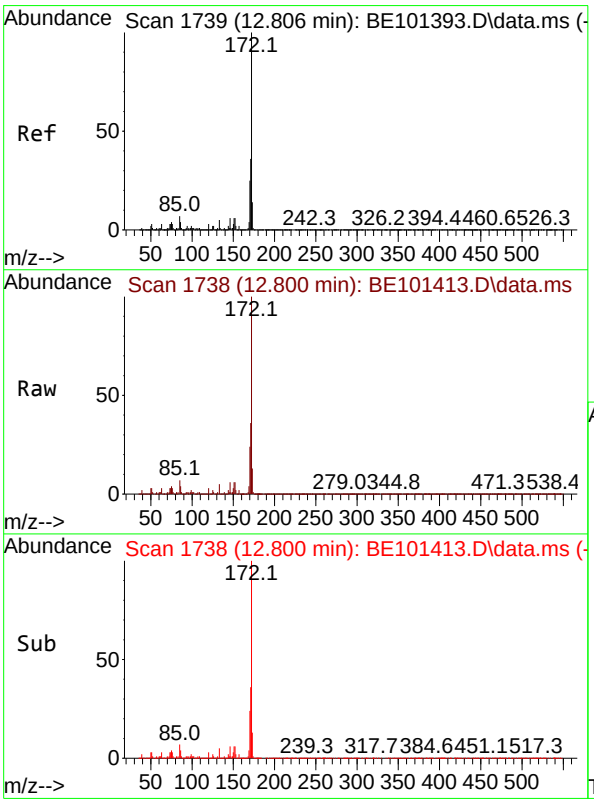
#42
2,4,6-Tribromophenol
Concen: 139.514 ng
RT: 15.685 min Scan# 2
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Tgt Ion:330 Resp: 797601

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	22.5	18.3	27.5

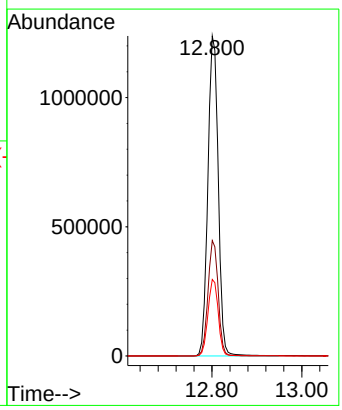


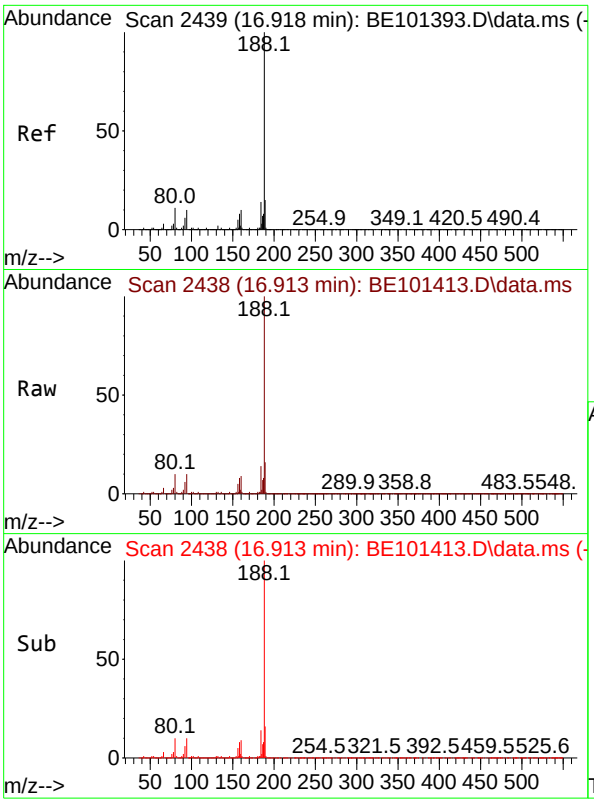


#45
2-Fluorobiphenyl
Concen: 102.776 ng
RT: 12.800 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Tgt Ion:172 Resp: 1979540

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.9	19.8	29.6



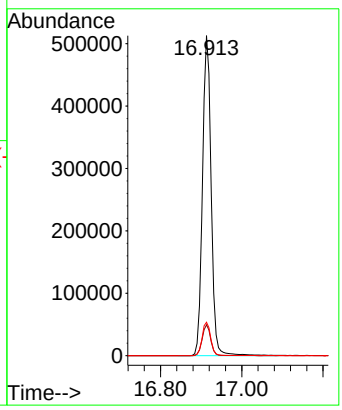


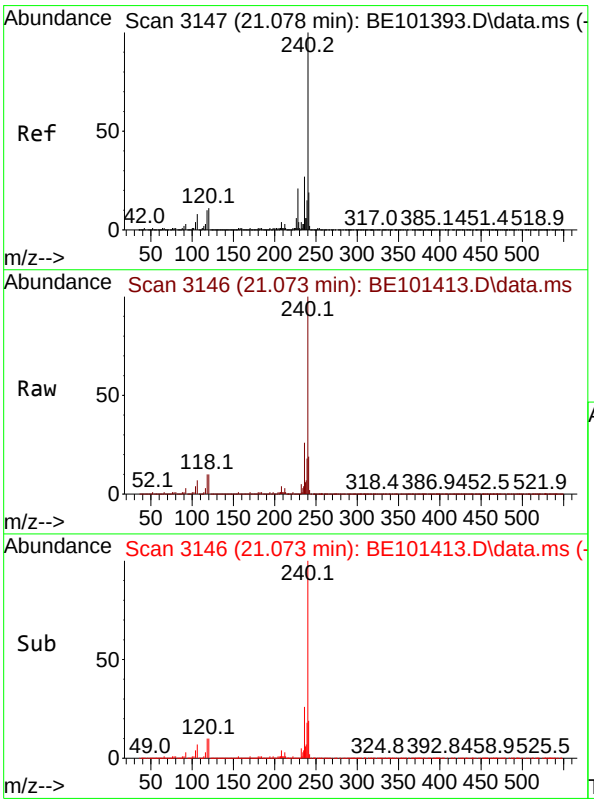
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 24
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Tgt Ion:188 Resp: 758793

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.8
80	10.4	8.6	12.8

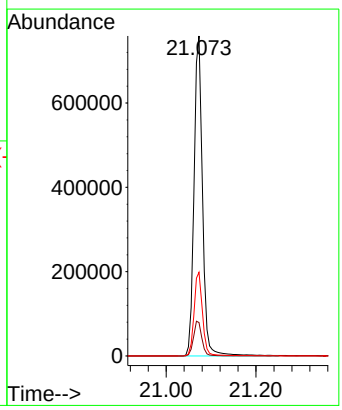


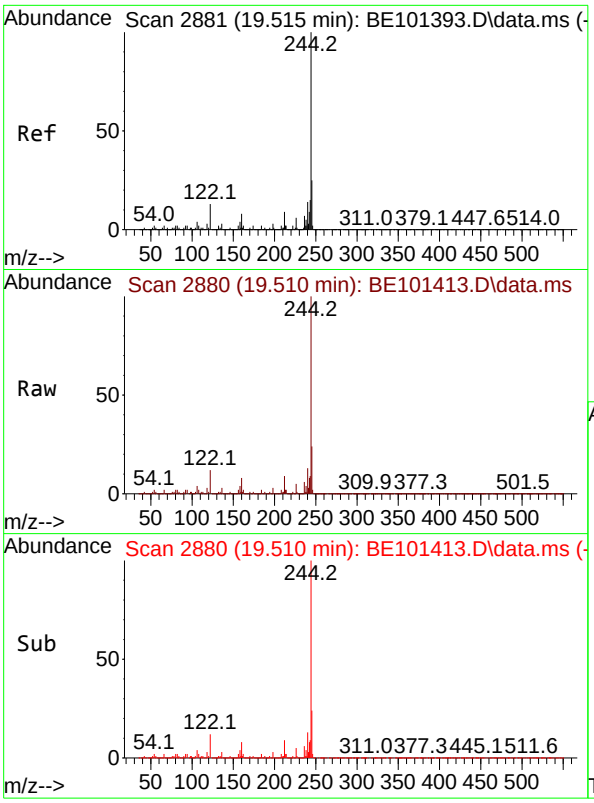


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.073 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Tgt Ion:240 Resp: 995039

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.4
236	26.2	21.4	32.0



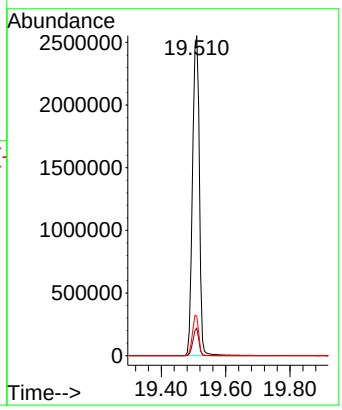


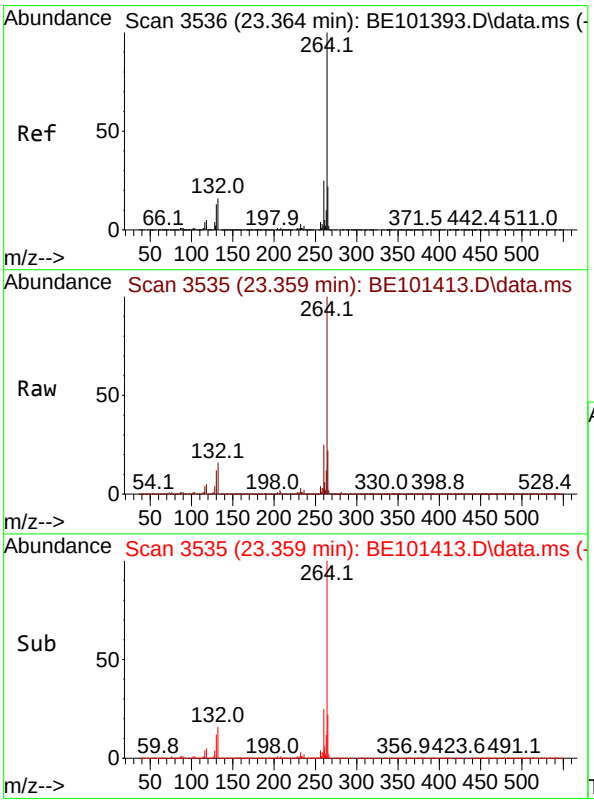
#79
Terphenyl-d14
Concen: 87.640 ng
RT: 19.510 min Scan# 2
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Instrument :
BNA_E
ClientSampleId :
PB164369BL

Tgt Ion:244 Resp: 3788985

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	12.3	10.4	15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.359 min Scan# 3535
Delta R.T. -0.005 min
Lab File: BE101413.D
Acq: 29 Oct 2024 18:40

Tgt Ion:264 Resp: 1362650

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.3	17.6	26.4